

CATÁLOGO DE CURSOS

2021-2022



Tabla de contenido

Visión del egresado del MMSD	3
Rutas Personalizadas	4
Plan de estudios para la Ruta de Servicios de Salud	5
Plan de estudios para la Ruta de Informática y Comunicación.....	6
Ejemplo de un horario de Rutas.....	7
Escoger los cursos y crear mi horario.....	8
¿Cuántos créditos necesito para obtener un diploma del MMSD?	8
¿Qué cursos específicos necesito para obtener mi diploma del MMSD?	8
Requisitos de graduación.....	9
¿Puedo recibir créditos para Educación Física por participar en un deporte?	10
¿Qué pasa si en la escuela intermedia tomé cursos equivalentes a los de la preparatoria?	10
Planeación para después de la preparatoria	11
Opciones de requisitos de créditos para una educación postsecundaria	11
Exámenes de admisión a instituciones de educación superior.....	12
¿Qué pasa si aspiro a ser un deportista en una institución de educación superior?	13
Cursos avanzados y créditos para las instituciones de educación superior.....	14
Oportunidades adicionales para personalizar tu experiencia	20
Oportunidades flexibles para cursos	23
Programas adicionales y oportunidades de aprendizaje	25
Avance Vía Determinación Individual (AVID)	25
Programa Bilingüe de Doble Inmersión	27
Programa de escolares globales y sello de lectoescritura bilingüe.....	28
Solicitud de cursos y procedimientos para solicitar cambios de cursos	29
Solicitud de un cambio de curso	29
Terminar un curso “Incompleto”	29
Solicitar la graduación anticipada	30
Información de contacto de la escuela	30
Catálogo de Cursos para la Preparatoria La Follette	31



Madison tiene una visión para todos los estudiantes: que no solo que se graduarán, sino que se graduarán con las destrezas y habilidades necesarias para tener éxito en la universidad, una profesión y la comunidad.

Queremos que nuestros estudiantes dominen el contenido académico, que desarrollen su creatividad, confianza y competencia cultural, que adquieran un sólido sentido de sí mismos y de sus destrezas interpersonales y que tengan una mentalidad de crecimiento que les ayude a desarrollar de manera continua destrezas y habilidades para tener éxito. La visión acerca de los graduados de Madison se desarrolló con los aportes de más de 2500 miembros del personal, estudiantes y miembros de la comunidad. Y es a través de nuestros estudiantes que esta visión cobra vida.

Nuestros graduados muestran la diversidad de aptitudes, intereses, destrezas y futuros brillantes que existen para cada niño en el MMSD. Vemos a cada uno de nuestros estudiantes por lo que son y en lo que se están convirtiendo.



Estoy en una Ruta Personalizada. Inténtalo tú.

Como estudiante actual o futuro de la escuela preparatoria, tienes que tomar una decisión clave en torno a cómo quieres que sea tu experiencia en la escuela preparatoria de ahora en adelante. Puedes asistir a las clases tradicionales o solicitar admisión en una Ruta Personalizada.

¿Qué significa eso?

Todos los estudiantes asistirán a la escuela preparatoria todos los días durante la misma cantidad de horas, tomarán todos los cursos requeridos que otros toman, así como cursos optativos y avanzados que elijan. Explorarán opciones futuras, establecerán metas académicas y cultivarán relaciones con sus maestros y compañeros.

En una Ruta Personalizada, aprenderás en una comunidad íntima, establecerás metas académicas, explorarás opciones de universidades y profesiones y enfrentarás clases desafiantes, todo en torno a un tema amplio que está conectado con el mundo que te rodea.

- Observa la conexión que existe entre tus clases y con el mundo real.
- Descubre posibilidades y después de la escuela preparatoria aplica a tu vida lo que aprendiste. Planificarás y refinarás tu ruta hacia el éxito después de la escuela preparatoria al explorar tus intereses y objetivos únicos.
- Explora tus pasiones y conéctate con tu comunidad. Las visitas a universidades, los oradores invitados, las excursiones, las entrevistas simuladas, el aprendizaje mediante el servicio, el trabajo con mentores, la experiencia clínica y las pasantías o formaciones profesionales laborales forman parte del programa Rutas Personalizadas. Estas experiencias dentro y fuera de la escuela, vinculadas con el tema amplio de Rutas Personalizadas, te ayuda a prepararte para la universidad o tu futura profesión.
- Combinamos todas las cosas geniales sobre una experiencia tradicional en la escuela preparatoria con un tema amplio para llevar tu aprendizaje a un nivel más profundo. Explorarás este tema dado que se conecta con el mundo que te rodea.

Las siguientes dos páginas muestran un ejemplo de un horario o programa de estudios que los estudiantes podrían tomar en cada Ruta Personalizada.



“Rutas Personalizadas nos permite abordar las necesidades individuales de los estudiantes como un equipo dedicado. No estamos enseñando en “islas” en las que los estudiantes están 50 minutos y siguen a lo próximo. Saben que somos un grupo unido que vamos a trabajar juntos para asegurarnos de que tengan éxito” – Erin Ennis, Maestra de Rutas Personalizadas

“La primera clase que tengo todos los días en el programa Rutas es inglés. Si mi maestra habla algo relacionado con el periodismo investigativo y luego lo escucho en la próxima hora en la clase de historia, realmente me ayuda a comprender”. – Maggie, estudiante de Rutas Personalizadas



9° Grado

10° Grado

11° Grado

12° Grado

MATERIA ESENCIAL DE RUTAS PERSONALIZADAS

INGLÉS

Inglés 1

Honores o honores
obtenidos (1.0)

Inglés 2

Honores o honores
obtenidos (1.0)

Inglés 3 (1.0)

○
**Lenguaje y
composición
de colocación
avanzada** (1.0)

Inglés 4 (1.0)

○
**Literatura y
composición de
colocación avanzada** (1.0)

CIENCIAS

Biología

Honores o honores
obtenidos (1.0)

Química

Honores o honores
obtenidos (1.0)

Física general

(1.0)

○
**Física de
matemáticas** (1.0)

**Disponibles para una
opción dentro o fuera de
la Ruta Personalizada**
(puede ver las opciones de
Materias esenciales de Rutas
Personalizadas recomendadas
abajo)

ESTUDIO
SOCIALES

**Historia de los
Estados Unidos**

Honores o honores
obtenidos (1.0)

Historia mundial

Honores o honores
obtenidos (1.0)

○
**Historia mundial de colocación
avanzada** (1.0)

**Historia
moderna de
EE. UU. (.5) ○
Historia moderna de EE. UU.
de colocación
avanzada** (1.0)

**Cuestionamientos
sociales** (.5)

MATERIAS
OPTATIVAS

Los requisitos para
graduación incluyen:
Educación financiera
(.5),
Educación física
(1.5),
Salud (.5),
Humanidades (1.0)
Teatro, Música, Arte
visual o Idiomas del
Mundo
Muchas
universidades
de cuatro años
requieren
cuatro años de
matemáticas.

**Exploración en
ciencias de la
salud** (.5)

MATERIA ESENCIAL DE
RUTAS PERSONALIZADAS

Salud (.5)
MATERIA ESENCIAL DE
RUTAS PERSONALIZADAS

Biología I (.5)
○ **Terminología
médica** (.5) ○
**Anatomía y
Fisiología** (1.0)

Biología II (.5)
○ **Biología de
colocación avanzada** (1.0)

Optativa (.5)

**Estructura y
funcionamiento
del cuerpo** (.5)
MATERIA ESENCIAL DE
RUTAS PERSONALIZADAS

Optativa (.5)

Liderazgo (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Optativa (.5)

Matemáticas

Dentro o fuera de la
Ruta personalizada
Muchas universidades
de cuatro años
requieren cuatro años
de matemáticas

**Crédito
completo de
matemáticas** (1.0)

**Crédito
completo de
matemáticas** (1.0)

**Crédito
completo de
matemáticas**
(1.0)

**Crédito
completo de
matemáticas** (1.0)

MATERIA ESENCIAL DE RUTAS PERSONALIZADAS

Los conceptos en las materias de Inglés, Ciencias, Estudios Sociales y Ciencias de la salud (y a veces matemáticas) están integrados alrededor de un tema global.

Los ESTUDIANTES DE AVID pueden tomar también otra materia optativa como Idiomas del Mundo, Música o Arte durante los cuatro años que participan en Rutas Personalizadas.

Una experiencia en la escuela preparatoria motivante e intencionada – Escuela Preparatoria La Follette Tecnología informática y comunicación – Plan de Estudios

	9° Grado	10° Grado	11° Grado	12° Grado
INGLÉS	Inglés 1 Honores o honores obtenidos (1.0)	Inglés 2 Honores o honores obtenidos (1.0) O Sem- inario de colo- cación avanzada (1.0)	Inglés 3 (1.0) O Lenguaje y composición de colocación avanzada (1.0)	Inglés 4 (1.0) O Literatura y composición de nivel universitario (1.0)
CIENCIAS	Biología Honores o honores obtenidos (1.0)	Química Honores o honores obtenidos (1.0)	Física (1.0) O Física de matemáticas (1.0)	Disponibles para una opción dentro o fuera de la Ruta Personalizada (puede ver las opciones de Materias esenciales de Rutas Personalizadas recomendadas abajo)
ESTUDIO SOCIALES	Historia de los Estados Unidos Honores o honores obtenidos (1.0)	Historia mundial Honores o honores obtenidos (1.0)	Historia moderna de EE. UU. (.5) O Historia moderna de EE. UU. de colo- cación avanzada (1.0)	Disponibles para una opción dentro o fuera de la Ruta Personalizada (puede ver las opciones de Materias esenciales de Rutas Personalizadas recomendadas abajo)
MATERIAS OPTATIVAS Los requisitos para graduación incluyen: Educación financiera (.5), Educación física (1.5), Salud (.5), Humanidades (1.0) Teatro, Música, Arte visual o Idiomas del Mundo Muchas universidades de cuatro años requieren cuatro años de matemáticas.	Bit y Bytes (.5) MATERIA ESENCIAL DE RUTAS PERSONAL- IZADAS	Diseño gráfico (.5) O Introducción a programación (1.0) MATERIA ESENCIAL DE RUTAS PERSONALIZADAS	Producción de video (.5) O Principios de in- formática (1.0)	Gestión de proyecto (.5) Y Comunicación profesional (.5)
	Optativa (.5)	Optativa (.5)	Optativa (.5)	Optativa (.5)
	Optativa (.5)	Optativa (.5)	Optativa (.5)	Optativa (.5)
	Optativa (.5)	Optativa (.5)	Optativa (.5)	Optativa (.5)
	Optativa (.5)	Optativa (.5)	Optativa (.5)	Optativa (.5)
	Optativa (.5)	Optativa (.5)	Optativa (.5)	Optativa (.5)
Matemáticas Dentro o fuera de la Ruta personalizada Muchas universidades de cuatro años requieren cuatro años de matemáticas	Crédito completo de matemáticas (1.0)	Crédito completo de matemáticas (1.0)	Crédito completo de matemáticas (1.0)	Disponibles para una opción (1.0)

MATERIA ESENCIAL DE RUTAS PERSONALIZADAS

Los conceptos en las materias de Inglés, Ciencias y Estudios Sociales (y a veces matemáticas) están integrados alrededor de un tema global.

Los ESTUDIANTES DE AVID pueden tomar también otra materia optativa como Idiomas del Mundo, Música o Arte durante los cuatro años que participan en Rutas Personalizadas.

Ejemplo de un horario de Rutas Personalizadas

Aquí hay un ejemplo de un horario que demuestra la diferencia en tus opciones dentro de una Ruta Personalizada y en una ruta tradicional de la preparatoria.

Ve las páginas 26 y 27 para ver otras opciones, incluyendo el programa AVID y la programación bilingüe de doble inmersión.

Tradicional 9^{no} Grado

INGLÉS 1	Inglés 1 (opciones para cursos de honores)
CIENCIAS	Biología (opciones para cursos de honores)
ESTUDIOS SOCIALES	Historia de los Estados Unidos (opciones para cursos de honores)
MATEMÁTICAS	
EDUCACIÓN FÍSICA	OPTATIVA
OPTATIVA	
OPTATIVA	

Rutas 9^{no} Grado

INGLÉS 1	Inglés 1 (opciones para cursos de honores)
CIENCIAS	Biología (opciones para cursos de honores)
ESTUDIOS SOCIALES	Historia de los Estados Unidos (opciones para cursos de honores)
MATEMÁTICAS	
EDUCACIÓN FÍSICA	Materia esencial de Rutas Personalizadas
OPTATIVA	
OPTATIVA	



OPORTUNIDADES DE APRENDIZAJE EXPERIENCIAL

Aprendizaje de concientización
ej. excursión u orador invitado

PROYECTOS INTEGRADOS





Asesoría académica y planeación postsecundaria

Sabemos que pareciera que hay muchas cosas que es necesario saber y bastantes decisiones por tomar acerca de los cursos que se deben seleccionar, decidir sobre los programas académicos y hacer planes para después de la preparatoria. Aunque al final tú eres quien tomará estas decisiones (con el apoyo y la asesora de tu familia), hay muchas, muchas personas en tu preparatoria que están listas para ayudarte a tener éxito en tu camino hacia la graduación. Además, a lo largo de tu trayectoria en la escuela preparatoria, obtendrás oportunidades para explorar tus opciones a través de alternativas de exploración práctica, reflexiones sobre tu crecimiento, el desarrollo y permanente actualización de un plan de acción para después la preparatoria y del uso de Xello—una herramienta en línea de planificación para después de la preparatoria.

Escoger los cursos y crear mi horario

¿Cuántos créditos necesito para obtener un diploma del MMSD?

Normalmente, los estudiantes necesitan aproximadamente de 22 a 26 créditos para recibir un diploma del MMSD. Si te trasladaste al MMSD de otro distrito escolar durante tus años de la escuela preparatoria, el número de créditos requeridos para graduarte del MMSD será determinado por tu escuela preparatoria del MMSD.

Voy a terminar...	Créditos necesarios para la Graduación
De 9º a 12º grado en la Preparatoria East, La Follette, West o Memorial (todos tienen un horario de 7 períodos al día)	22 créditos necesarios para graduarse
De 10º a 12º grado, habiendo estudiado algún tiempo en East, West o Memorial y algún tiempo en La Follette	De 24 a 26 créditos necesarios para graduarse
Me graduaré de una escuela preparatoria del MMSD pero estudiaré algo del periodo entre el 9º y 12º grado en una escuela fuera del MMSD	El número de créditos necesarios para graduarse es variable

Si tienes preguntas adicionales, te sugerimos que te reúnas con tu asesor académico para entender los requisitos de crédito que corresponden a tu situación en particular. El lenguaje específico de la política acerca de los requisitos de graduación se puede encontrar en los documentos de procedimientos de la Junta de Educación del MMSD bajo la [política #3540: Requisitos de graduación](#).

Con el fin de apoyarte para que te mantengas en buen camino hacia la graduación también tenemos un requisito para el número total de créditos que necesitas tener en tu horario cada año. Normalmente, los estudiantes necesitarán tener el siguiente número de créditos cada año, por un período de 7 días:

De 9º a 11º grado: 6 créditos
12º grado: 5 créditos

Las excepciones a lo anterior deberán ser aprobadas por el director(a) de su escuela y por la Junta de Educación del MMSD.

¿Qué cursos específicos necesito para obtener mi diploma del MMSD?

Revisa en la próxima página el resumen de los requisitos para graduarte. La mayoría de los estudiantes del MMSD deberán cumplir estos requisitos para poder recibir el diploma. En algunos casos, los requisitos de graduación para los estudiantes que tienen un Programa Educativo Individualizado o para quienes son Aprendices del Idioma Inglés pueden tener algunas variaciones.



DISTRITO ESCOLAR METROPOLITANO de MADISON 

Requisitos de graduación

22
créditos*

4
créditos

Inglés

- Incluyendo conclusión exitosa de Inglés 1 e Inglés 2

3
créditos

Matemáticas

3
créditos

Ciencias

3
créditos

Estudios sociales

- Incluyendo la conclusión exitosa de Historia de los Estados Unidos y un semestre de Historia Moderna de los Estados Unidos
- Examen de Civismo del estado

6½
créditos

Cursos optativos

- Incluyendo 1 crédito de Humanidades

1½
créditos

Educación física

1½
crédito

Salud

**** Conocimiento Financiero**

Para obtener mayor información, visite mmsd.org/grad-requirements

* Es posible que las clases de 2021 y 22 de La Follette tengan requisitos distintos debido al cambio del horario escolar. Hable con su asesor académico para más detalles.

** Se requiere la completación exitosa de un curso que incorpora el Conocimiento Financiero. No es necesario que sea un curso autónomo.



Para estudiantes en	Inglés	Matemáticas	Ciencias	Estudios sociales	Requisitos adicionales
La clase graduando de junio de 2021 y en adelante	4 créditos <i>Incluyendo la conclusión exitosa de Inglés 1 e Inglés 2</i>	3 créditos <i>Incluyendo la conclusión exitosa de cursos en conceptos de álgebra y geometría</i>	3 créditos <i>Incluyendo la conclusión exitosa de cursos en ciencias biológicas y físicas</i>	3 créditos <i>Incluyendo la conclusión exitosa de Historia de los Estados Unidos y un semestre de Historia Moderna de los Estados Unidos</i>	1.5 créditos Educación Física .5 crédito en educación de salud Examen de Civismo* 1 crédito en Humanidades (p.ej., Teatro, Música, Idiomas del Mundo, etc.) .5 crédito en conocimiento financiero

*Además de obtener los créditos específicos identificados, todos los graduados deberán presentar un **examen de civismo administrado por el estado**. Los estudiantes que no reciben servicios de educación especial deben alcanzar un nivel de desempeño de 65% o más alto para cumplir con el requisito. Aquellos estudiantes que reciben servicios de educación especial deben participar en la evaluación y terminar el examen para cumplir con el requisito. Ésta prueba está disponible actualmente en los siguientes idiomas: inglés, español, hmong, árabe, chino, francés, japonés, jemer, coreano, mandinga, nepalí, vietnamita, somalí, tibetano, wolof y lenguaje de señas estadounidense (en colaboración con la Escuela para Sordos de Wisconsin).

La descripción más detallada de los requisitos de graduación señalados arriba, se encuentra en el lenguaje de la política en nuestros documentos de procedimientos de la Junta de Educación bajo la [política #3540: Requisitos de graduación](#).

¿Puedo recibir créditos en Educación Física por participar en un deporte en la preparatoria?

Si participas en un deporte aprobado por la Junta de Educación del MMSD y has cumplido con tus responsabilidades durante tres temporadas completas, tienes la oportunidad de hacer una solicitud para recibir un Reemplazo de Crédito en Educación Física (PERC, por sus siglas en inglés). A través de PERC, puedes solicitar autorización para reemplazar medio (0.5) crédito de los 1.5 créditos en Educación física requeridos para graduarte, por medio (0.5) crédito en otro curso, bien sea Inglés, matemáticas, ciencias, sociales o salud (siempre y cuando cumplas o sobrepases los requisitos de graduación en esas áreas). También hay requisitos de elegibilidad para poder recibir crédito: debes ser un atleta activo durante toda la temporada de tu deporte, deber cumplir con tus requisitos académicos de elegibilidad durante toda la temporada, no deberás faltar más de dos semanas o 25% de la temporada (lo que sea menor) debido a enfermedad o lesión y no incurrir en ninguna suspensión durante la temporada. La lista de deportes aprobados por la Junta de Educación se puede encontrar en nuestros documentos sobre [procedimientos de la Junta de Educación #3160 sobre deportes interescolares](#) y el lenguaje de la política que rige el proceso PERC se puede encontrar en nuestros [procedimientos de la Junta de Educación #3540: Requisitos de graduación](#).

Para más información o para encontrar una solicitud para PERC, por favor ve a la oficina de deportes de tu escuela preparatoria o comunícate con la persona de contacto en tu escuela, que aparece en la página 30.

¿Qué pasa si en la escuela intermedia tomé cursos equivalentes a los de la preparatoria?

Si mientras cursabas el 7º u 8º grado tomaste y aprobaste cursos equivalentes a los de la preparatoria, los créditos correspondientes cuentan para el total de créditos requeridos para graduarte en el área temática en la que se obtuvieron. Estos cursos aparecerán en tu boleta de calificaciones de la preparatoria y los créditos obtenidos deben estar reflejados en el resumen de créditos que aparece en la boleta de calificaciones de la preparatoria. Si tienes preguntas acerca de esto, por favor, consulta con tu asesor académico de la preparatoria. La política de la Junta de Educación que regula esta práctica se puede encontrar bajo la [Política #3541 en los documentos de los Procedimientos de la Junta de Educación del MMSD](#).



Planeación para después de la preparatoria

¿Qué créditos se requieren para ingresar a educación postsecundaria tales como instituciones de educación superior, universidades, programas de formación laboral, etc.?

Cada institución de educación superior, universidad y programa de capacitación tiene un conjunto específico de requisitos de admisión y unos estándares únicos para lo que se considera un “trabajo académico apropiado en la escuela preparatoria”. Se recomienda firmemente que comiences a explorar los requisitos de admisión para las opciones de postsecundaria de tu interés a inicios de la preparatoria. El departamento de asesoría académica de tu preparatoria cuenta con una variedad de recursos que te pueden ayudar a aprender cómo escoger los cursos adecuados para mantener abiertas tus opciones después de la preparatoria. Una manera especialmente importante para apoyar tu exploración en esta área es [Xello](#), una herramienta en línea de exploración postsecundaria. De igual manera que en la escuela intermedia, también pasarás tiempo participando durante la escuela preparatoria en lecciones de Planeación Profesional y Académica y experiencias con maestros y asesores académicos para apoyarte a explorar y prepararte para tus aspiraciones personales después de la preparatoria. Recibirás apoyo para desarrollar un plan de acción para después de la preparatoria el cual te ayudará a guiarte en tu planeación.

Aunque cada programa de postsecundaria va a tener sus propios requisitos de ingreso, algunas observaciones generales son:

- Las instituciones de educación postsecundaria quieren saber si estás listo para asumir los desafíos propios del nivel universitario:
 - » Toma cursos rigurosos, tales como cursos de Honores, cursos de Colocación Avanzada (AP, por sus siglas en inglés), cursos académicos con complejidad a nivel universitario o cursos Avanzados de Educación Técnica y Profesional (CTE, por sus siglas en inglés).
 - » Busca un buen equilibrio entre los cursos rigurosos y tus actividades extracurriculares. A las instituciones de educación postsecundaria les agrada ver que un estudiante participa activamente en su comunidad escolar.
 - » Las instituciones de educación superior valoran lo que ellos denominan una formación académica “integral”.
 - » Las materias optativas en arte, música, áreas técnicas e idiomas contribuyen a esta educación integral.
 - » Algunas instituciones de educación superior y universidades selectivas requieren que los aspirantes tengan **por lo menos 2 años de estudio de un idioma del mundo** para que puedan ser elegibles para admisión. La recomendación de las universidades es que los estudiantes deben tomar dos años del mismo idioma mientras cursan la preparatoria. Algunas universidades requieren más.
- Algunos programas específicos buscan que sus aspirantes cuenten con ciertos tipos de cursos relacionados con el programa:
 - » Muchos programas de formación laboral quieren ver una preparación sólida en matemáticas, lectura y escritura.
 - » Algunos programas, especialmente aquellos con énfasis en ciencias, ingeniería o matemáticas, prefieren considerar a candidatos que hayan tomado más materias de matemáticas que las que el distrito escolar exige para graduarse de la preparatoria.

Dos tercios

de los egresados del MMSD se inscriben a un programa universitario de 2 o 4 años



- » Los programas de Artes Visuales, Música y Diseño con frecuencia exigen la presentación de un portfolio y buscan evidencias de que el estudiante haya tomado cursos académicos avanzados en artes visuales o artes escénicas.
- Mientras más selectivo y competitivo sea el programa de educación superior existen más probabilidades de que dé prioridad a estudiantes que hayan cursado cuatro años de estudios en todas las áreas de materias esenciales (p.ej., inglés, matemáticas, ciencias, estudios sociales).
- » El Personal de Admisiones de la Universidad de Wisconsin-Madison y de otras universidades muy selectivas recomiendan que los aspirantes tengan cuatro años de clases inglés, matemáticas, estudios sociales y ciencias, así como por lo menos tres o cuatro años de estudios secuenciales en un idioma del mundo.

¡Para obtener más información, visiten nuestros sitios web de planificación universitaria y profesional!

mmsd.org/college-planning
mmsd.org/career-planning

Examen de admisión a instituciones de educación superior

Por razones relacionadas con el COVID-19 y dado que muchos estudiantes no están teniendo acceso a presentar las pruebas de ingreso a la universidad, muchas instituciones de educación postsecundaria no están exigiendo que los estudiantes les envíen sus puntajes del Examen de Ingreso a la Universidad en los Estados Unidos (ACT, por sus siglas en inglés) o del Examen Preliminar de Evaluación Académica ‘Scholastic Assessment Test’ (SAT) y están identificando su requisito de admisión como de “examen opcional”. Esto significa que puedes decidir compartir o no compartir tus puntajes en esos exámenes y que no serás penalizado si tomas la decisión de no compartirlos. Revisa la información acerca de las instituciones de educación postsecundaria a las que estás aspirando para saber si éstas requieren los puntajes o no. Si tomaste el SAT o el ACT, la mayoría de las universidades aceptarán este examen, pero los estudiantes que están aspirando a ser aceptados en las escuelas más competitivas o quienes desean solicitar a un espectro amplio de becas pueden considerar tomar ambas pruebas si las escuelas que les interesan no tienen el requisito del “examen opcional”. Además, algunas escuelas y programas competitivos requieren que los estudiantes interesados tomen exámenes temáticos del SAT con el objetivo de demostrar que dominan el contenido de alguna área en particular.

Puedes tomar el ACT o el SAT tantas veces como desees. En los casos en que se requiere presentar el puntaje de estos exámenes para un proceso de admisión, la mayoría de las instituciones de educación superior y universidades tomarán como referencia el puntaje más alto alcanzado en la prueba. Los estudiantes de 12º deben estar pendientes de los plazos de las admisiones de sus universidades de manera que tomen a tiempo los exámenes adecuados y que los resultados sean enviados dentro del plazo de solicitud.

ACT (www.act.org)

El Examen de Ingreso a la Universidad en los Estados Unidos (ACT, por sus siglas en inglés) es una evaluación para admisión a la universidad que es válida a nivel nacional y consiste en exámenes temáticos de inglés, matemáticas, lectura y ciencias. El ‘ACT plus writing’ consiste en tomar exámenes en estos cuatro temas e incluye una prueba adicional de redacción. Todas las instituciones de educación superior y universidades con carreras de cuatro años en los Estados Unidos aceptan los resultados del ACT y este examen es el preferido por el sistema de la Universidad de Wisconsin. Es obligatorio que los estudiantes de 11º grado tomen el ACT por lo menos una vez, en la primavera, durante la evaluación administrada por el distrito. De ser necesario, los estudiantes pueden volver a tomar el examen ACT en el 11º o 12º grado. Están disponibles dos exenciones del pago de los costos para tomar el examen ACT para aquellos estudiantes que cumplan las condiciones para recibir la ayuda. Al momento de tomar el examen, los estudiantes pueden pedir que sus puntajes sean compartidos automáticamente con hasta seis instituciones de postsecundaria. Después de la matriculación, los estudiantes que presentaron el examen haciendo uso de una exención de pago



pueden también requerir hasta 20 reportes de puntaje adicionales sin costo alguno.

Toma nota de que debido al COVID-19, los procesos de admisiones de muchas entidades de educación postsecundaria están siendo de “examen opcional”. Esto significa que ya no exigen que compartas los puntajes del ACT en el proceso de admisiones. Asegúrate de tener la información de las escuelas a las que aspiras ingresar para saber si son de “examen opcional” o no.

PSAT/NMSQT (www.cb.org)

El examen SAT Preliminar o de práctica denominado PSAT o NMSQT ‘National Merit Scholarship Qualifying Test’, es un examen que se utiliza como práctica para el examen SAT. Este examen también se utiliza para elegir a los semifinalistas a las Becas Nacionales al Mérito. El PSAT o el NMQST se ofrecen a mediados del mes de octubre y está abierto a los estudiantes de 10º y 11º grado. Los estudiantes interesados en ser considerados para el estatus de Becas Nacionales al Mérito deben tomar este examen en el 11º grado. El programa Nacional de Becas al Mérito, es un programa de becas que identifica y reconoce académicamente a los estudiantes con buen desempeño. Muchos finalistas del programa Nacional de Becas al Mérito reciben la concesión de becas ya sea mediante la Corporación Nacional de Becas al Mérito o la institución de postsecundaria a la que elijan asistir.

El SAT y los exámenes temáticos SAT (www.cb.org)

El SAT [Scholastic Assessment Test], es un examen de admisión a instituciones de educación superior que es mundialmente reconocido y que te permite demostrarles a estas entidades de educación superior algo de tus conocimientos y la medida en que puedes aplicarlos en las áreas de lectura, escritura y matemáticas. La mayoría de los estudiantes toman el SAT durante su 11º y 12º grado de la preparatoria. Los exámenes temáticos del SAT son pruebas adicionales específicas para áreas temáticas en particular, tales como matemáticas, ciencias, inglés, historia e idiomas. Hay exenciones de pago disponibles para los estudiantes que califiquen. Algunas instituciones de educación postsecundaria pueden utilizar los exámenes temáticos SAT para respaldar decisiones de colocación de curso o decisiones de admisión a programas postsecundarios específicos.

Toma nota de que debido al COVID-19, los procesos de admisiones de muchas entidades de educación postsecundaria están siendo de “examen opcional”. Esto significa que ya no exigen que compartas los puntajes del ACT en el proceso de admisiones. Asegúrate de tener la información de las escuelas a las que aspiras ingresar para saber si son de “examen opcional” o no.

Preparación para el ACT

Todos los estudiantes tienen acceso a un examen de preparación para el ACT sin costo a través del programa denominado en inglés ‘Method Test Prep’, el cual se encuentra vinculado a su cuenta Xello. Method Test Prep provee una amplia gama de recursos de preparación para el examen que van desde cuestionarios cortos de práctica en cada área temática hasta exámenes completos de práctica con límite de tiempo. Puedes encontrar recursos adicionales para la preparación del examen en los siguientes sitios de internet: ACT: www.act.org | SAT: www.collegeboard.org

¿Qué pasa si aspiro a ser un deportista en una institución de educación superior?

Si mientras estudias tu carrera en la universidad o en otra institución de educación superior, estás interesado en ser parte de un equipo deportivo de una División I, II o III, es importante que tengas información acerca de los requisitos de elegibilidad descritos por la [Asociación Deportiva Nacional de Instituciones de Educación Superior](http://www.ncaa.org) (NCAA, por sus siglas en inglés). La NCAA establece unas guías específicas acerca de los cursos que una persona debe tomar, las expectativas de desempeño (p.ej., tus calificaciones y el promedio general de calificaciones o GPA) y tu puntaje (s) en el examen ACT o SAT. Si deseas información específica acerca de los requisitos de elegibilidad, te recomendamos visitar el siguiente sitio web: <http://www.ncaa.org/student-athletes/future> y consultar con tu asesor académico. Para monitorear tu progreso cerciorarte de que estés en el camino correcto para ser elegible, la NCAA también recomienda seguir las siguientes pautas:



9º grado	10º grado	11º grado	12º grado
Reúnete con tu asesor académico para compartirle acerca de tu interés en trabajar para ser un deportista de la División I, II o III. Cuando estés creando tu horario para el 10º grado, asegúrate de seleccionar cursos aprobados por la NCAA.	Regístrate en el Centro de Elegibilidad de la NCAA en eligibilitycenter.org Cuando estés creando tu horario para el 11º grado asegúrate de seleccionar cursos aprobados por la NCAA.	Consulta con tu asesor académico para asegurarte de que te graduarás a tiempo y con todos los cursos esenciales requeridos por la NCAA. Toma el examen ACT o el SAT y envía tus resultados a la NCAA. Envía la constancia preliminar de estudios con calificaciones a la NCAA.	Termina tus últimos cursos esenciales de la NCAA obteniendo un promedio general de calificaciones (GPA, en inglés) mínimo de 2.3. Toma el examen ACT o el SAT nuevamente si es necesario con el fin de alcanzar el/los puntaje(s) que necesitas. Después del 1º de Abril solicita tu certificación de deportista aficionado del centro de elegibilidad de la NCAA. Después de graduarte asegúrate de enviar a la NCAA tu constancia final de estudios con calificaciones, así como el comprobante de tu graduación.
Revisa periódicamente tu desempeño académico para estar seguro de que estás alcanzando el promedio de calificaciones esperado y tomando los cursos establecidos por la NCAA.			

*Los estudiantes que inicialmente se matriculen de tiempo completo durante el ciclo académico 2021-22 y aspiren a jugar en la División I o II de la NCAA, no tendrán que tomar un examen estandarizado para cumplir con los requisitos iniciales de elegibilidad del NCAA.

Oportunidades para cursos avanzados y créditos universitarios anticipados

A medida que seleccionas los cursos que vas a tomar, también queremos que conozcas todas las oportunidades de experiencias de aprendizaje avanzado que hay disponibles, de manera que puedas aprovecharlas durante los cuatro años de la preparatoria. Tomar cursos académicos avanzados te puede ayudar de varias maneras:

- El indicador número uno del **éxito en el examen ACT** es los cursos que toma un estudiante. Los cursos más exigentes se correlacionan directamente con los puntajes más elevados en el examen ACT. Sabemos que los puntajes del ACT abren las puertas a la universidad y oportunidades de becas.
- Las universidades ven el nivel de los cursos que toman los estudiantes. **Las universidades prefieren ver calificaciones respetables en cursos más desafiantes que un promedio general de calificaciones más alto con cursos menos exigentes.**
- Los cursos avanzados te enseñan a **cómo pensar y a hacer preguntas**. Habilidades esenciales que necesitas para **desempeñar el trabajo a nivel universitario**.
- Los estudiantes que toman cursos desafiantes, **a menudo obtienen crédito universitario, reduciendo así los gastos** de la colegiatura en la universidad.
- Los estudiantes que toman cursos desafiantes en la preparatoria son **menos propensos de necesitar cursos remediales universitarios, reduciendo una vez más las cuotas de la colegiatura**.
- Los estudiantes que se desafían a sí mismos **participan más activamente en la escuela preparatoria**.
- El programa de colocación avanzada ofrece un número de **premios a estudiantes becarios en el**



programa de colocación avanzada por destacarse en su desempeño en los exámenes de colocación avanzada. Si calificas, las universidades reconocerán este desempeño.

- Estas clases pueden **aumentar sus oportunidades para recibir apoyo financiero por mérito para una universidad específica**. Aproximadamente el 31% de universidades e instituciones de educación superior considerarán un trabajo académico de colocación avanzada cuando toman decisiones sobre cuáles estudiantes recibirán las becas.
 - » Los estudiantes que tienen clases de colocación avanzada en su boleta de calificaciones impresionan a los funcionarios de la oficina de apoyo financiero. Esto se traduce a menudo en que un estudiante reciba más dinero gratuito para pagar su colegiatura de la universidad. (<https://www.teenlife.com/blogs/benefits-ap-classes>).
- Tendrás **más flexibilidad en la universidad**. Habiendo tomado varias de las clases básicas, puedes considerar agregar otra especialización primaria o secundaria, tomar más materias optativas o estudiar en el extranjero y aun poderte graduar en cuatro años. Si tienen intereses múltiples, habiendo tomado cursos de colocación avanzada y habiendo sacado un puntaje alto en tu examen de colocación avanzada en la preparatoria, es más factible poder agregar una especialización secundaria o incluso una segunda especialización primaria a tu plan académico de licenciatura. Parte de la diversión en la universidad es explorar las clases fuera de las que se piden como requisito. Tener los créditos de colocación avanzada también te dará más libertad para tomar más materias optativas, que de igual manera pueden servirte para enfocarte en una especialización primaria más pronto.

Tu asesor académico o tu maestro que te instruye en el contenido académico es un recurso muy valioso para tener más información acerca de alguna de las oportunidades descritas abajo. También recibirás información sobre todas estas oportunidades durante los talleres planeados con tu asesor académico, los cuales se realizan en tu escuela cada año, generalmente en enero.

También existe información adicional sobre cada una de estas oportunidades en el sitio web del Distrito Escolar Metropolitano de Madison. Los enlaces de internet y la información de contacto de cada una de estas oportunidades aparecen a continuación:



Tipo de curso avanzado	¿De qué se trata y por qué debería tomarlo?	¿Cómo puedo elegir este tipo de curso? ¿A quién puedo contactar si necesito más información?
Avanzado y de honor	Los cursos de honor les permiten a los estudiantes tener la oportunidad de explorar el material de un curso a un nivel más amplio, más profundo y más complejo que el de un curso estándar. Los cursos avanzados generalmente les ofrecen a los estudiantes que han tomado cursos del nivel introductorio, oportunidades para profundizar sus conocimientos y aptitudes. El indicador número uno del éxito en el ACT es los cursos que toma un estudiante. Cursos más rigurosos se correlacionan directamente con puntajes más altos en el ACT. Los puntajes ACT son generalmente un componente de la solicitud a la universidad o al proceso de solicitud de una beca. Animamos a todos los estudiantes a que encuentren el nivel correcto de desafío y de “elasticidad” que los mantenga conectados a, e interesados en, sus experiencias como aprendices. Se exhorta a todos los estudiantes a matricularse en cursos avanzados en por lo menos un departamento de interés para ellos mientras cursan la escuela preparatoria, dado que los estudiantes que se desafían a sí mismos participan más en la escuela preparatoria. Muchas instituciones de educación superior e universidades ofrecen crédito a nivel universitario si te colocas en un nivel más alto de un idioma del mundo, el cual es alcanzable al tomar un curso de un idioma del mundo a nivel avanzado.	Los cursos avanzados o los cursos de honor se ofrecen en tu preparatoria y puedes seleccionarlos cuando escojas tus cursos cada año haciendo uso de la herramienta Xello. Si no estás seguro si un curso avanzado o un curso de honor es conveniente para ti, te recomendamos que hables con tus maestros actuales, con estudiantes que ya hayan tomado el curso que estás considerando y que consultes con tu asesor académico y con tu familia.
Obtención de honores	Algunos cursos de 9º y 10º en cada escuela preparatoria ofrecen oportunidades de Obtención de honores. Para obtener honores en estos cursos, los estudiantes deben obtener una calificación de C o mayor en el curso y tener un promedio de 3.2 o mayor en evaluaciones de desempeño predeterminadas. Los estudiantes no necesitan predeterminar si les gustaría ir en busca de la opción de honores.	Para más información y para determinar cuáles cursos se ofrecen para la Obtención de honores, comuníquese con su asesor académico.



Tipo de curso avanzado	¿De qué se trata y por qué debería tomarlo?	¿Cómo puedo elegir este tipo de curso? ¿A quién puedo contactar si necesito más información?
Cursos de colocación avanzada (AP, en inglés)	Los cursos de colocación avanzada utilizan un currículo y evaluaciones a nivel universitario. Dado que te introducen a ese ritmo de trabajo y exigencia, te ayudan a estar mejor preparado para una universidad u otro instituto de educación superior. Cualquier estudiante se puede matricular en un curso de colocación avanzada. Al final del curso AP tendrás la opción de tomar el examen de colocación avanzada. Muchos institutos de educación superior otorgan crédito universitario (o te permiten acceder a cursos de nivel más avanzado) si obtienes una calificación alta (3, 4 o 5) en el examen AP. El Campus Virtual de Madison (MVC, por sus siglas en inglés) puede proveer acceso completo en línea para cursos de colocación avanzada si hay problemas de horario o si la disponibilidad del curso en tu escuela es limitada. La inscripción a una clase de colocación avanzada en otra escuela preparatoria del MMSD puede ser posible a través del uso del equipo del Espacio virtual de aprendizaje (VLS, por sus siglas en inglés).	Los cursos de colocación avanzada se ofrecen en tu preparatoria y puedes seleccionarlos cuando estés escogiendo tus cursos (usando la herramienta Xello) en la primavera. Para información adicional, visita https://assessment.madison.k12.wi.us/advanced-placement-information Para información adicional respecto al Campus Virtual de Madison o el Espacio virtual de aprendizaje para las clases de colocación avanzada, habla con el asesor académico de tu escuela. Ver la información de contacto específica en la página 30.
Cursos de crédito doble (DTC, en inglés)	Los cursos de crédito doble utilizan currículo y evaluaciones a nivel universitario y te ayudan a tener la experiencia y el ritmo de la exigencia académica característica de ese nivel. Con un curso de crédito doble podrás obtener créditos para la preparatoria y si obtienes una calificación de “C” o más alta, también recibes créditos en la constancia de estudios con calificaciones de una universidad o un instituto de educación superior. Muchos de estos créditos universitarios son transferibles a otros institutos de educación superior y universidades.	Los cursos de crédito doble se ofrecen en tu preparatoria. Pregúntale a tu asesor académico cuál es la lista de los cursos actualmente disponibles. Los cursos de crédito doble se identifican como “DTC” en el catálogo de cursos y en tu constancia de estudios con calificaciones.



Tipo de curso avanzado	¿De qué se trata y por qué debería tomarlo?	¿Cómo puedo elegir este tipo de curso? ¿A quién puedo contactar si necesito más información?
Cursos del proyecto que marca el camino (PLTW, en inglés)	Los cursos del proyecto que marca el camino (PLTW por sus siglas en inglés) son experiencias exigentes, interesantes y que demandan participación en el salón de clase. Se ofrecen algunos cursos PLTW en Ingeniería y Ciencias Biomédicas. Los estudiantes que terminen de manera exitosa la evaluación de final de curso, la cual es desarrollada a nivel nacional, pueden ser elegibles para recibir créditos válidos para la universidad a través de la Escuela de Ingeniería de Milwaukee (MSOE, por sus siglas en inglés) o de otras instituciones de educación postsecundaria y universidades. Teniendo crédito en la constancia de calificaciones, muchos institutos de educación superior y universidades otorgarán crédito universitario hacia tu programa o especialidad.	Los cursos del proyecto que marca el camino se ofrecen en tu preparatoria. Se identifican como “PLTW” en el catálogo de cursos y en tu constancia de estudios con calificaciones.
Programa de formación laboral juvenil (YA en inglés) Cursos técnicos y aprendizaje con base en un trabajo	Los curso del programa de formación laboral juvenil (YA, por sus siglas en inglés) están dirigidos a estudiantes de 11º y 12º grado. El programa YA combina la preparación académica y técnica con experiencia laboral práctica. Existen 12 grupos de carreras en áreas relacionadas con el programa YA que han sido aprobados por el estado. Los estudiantes del programa YA toman cursos técnicos relacionados con el trabajo en su preparatoria a través de un instituto de educación superior o una universidad y además, cada semestre pasan un tiempo en un lugar de trabajo. Los cursos del programa YA te permiten obtener créditos para la preparatoria y para la universidad. Las horas de trabajo (sean éstas durante el ciclo escolar o durante el verano), también te permiten obtener créditos para la preparatoria.	Existe un proceso de solicitud para el programa de formación laboral juvenil. Típicamente los estudiantes comienzan este proceso en 10º grado, antes de hacer su horario para el 11º grado. Puedes trabajar con tu asesor académico o con Monique Billings, (ver su información a continuación) si deseas conectarte con el proceso de solicitud para el programa YA. https://cte.madison.k12.wi.us/youth-apprenticeship Jen Wegner jwegner@madison.k12.wi.us



Tipo de curso avanzado	¿De qué se trata y por qué debería tomarlo?	¿Cómo puedo elegir este tipo de curso? ¿A quién puedo contactar si necesito más información?
Comienza la universidad ahora (SCN en inglés) y el programa para recibir crédito universitario con anticipación	El programa comienza la universidad ahora (SCN, por sus siglas en inglés) ofrece a los estudiantes de 11º y 12º grado la oportunidad de tomar cursos aprobados en Institutos Técnicos de educación superior de Wisconsin durante los semestres de otoño y primavera. El programa para recibir crédito universitario con anticipación (ECCP, por sus siglas en inglés) les ofrece a los estudiantes de 11º y 12º grado la oportunidad de tomar cursos aprobados en universidades públicas (la Universidad de Wisconsin) y privadas. Los cursos no tienen costo alguno si la Junta de Educación del MMSD determina que el curso es elegible para un crédito de preparatoria y no es equivalente a ninguno de los ya ofrecidos en cualquiera de las escuelas preparatorias o programas del Distrito Escolar Metropolitano de Madison. Los estudiantes podrán tomar hasta 18 créditos, y no más de dos cursos a la vez durante el transcurso del 11º y 12º grado. Los estudiantes que terminen exitosamente sus cursos universitarios podrán obtener crédito tanto para la preparatoria como para la universidad.	Existe un proceso de solicitud para las dos opciones para recibir crédito universitario con anticipación. Los estudiantes pueden presentar una solicitud para los cursos del verano únicamente a través del ECCP; el plazo límite para presentarla es el 1º de febrero. Los estudiantes interesados en tomar un curso en el otoño deberán presentar la solicitud antes del 1º de marzo de la primavera anterior. Los estudiantes interesados en tomar un curso en la primavera deberán presentar la solicitud antes del 1º de octubre del otoño anterior. Debes entregar la solicitud a tu asesor académico, quien la enviará en tu nombre. Tu asesor académico también te ayudará a explorar la mejor manera de lograr que el resto de tu horario de clases de la preparatoria se acomode a tus cursos. https://cte.madison.k12.wi.us/early-college-credit-options Jen Wegner jwegner@madison.k12.wi.us



Oportunidades adicionales para personalizar tu experiencia de aprendizaje y obtener créditos para la preparatoria

Como estudiante de preparatoria del MMSD, tienes acceso a una serie de experiencias educativas que ocurren dentro y fuera de tu salón de clases. Algunas de ellas no aparecerán en tu catálogo de cursos de preparatoria pero pueden ayudarte a mejorar o ampliar las experiencias que tienes dentro de tu salón de clases. Estas experiencias incluyen los cursos que se ofrecen a través de nuestra plataforma de aprendizaje en línea (Campus Virtual de Madison, (MVC, por sus siglas en inglés), proyectos de estudio independiente diseñados por ti mismo y oportunidades de aprendizaje basadas en la experiencia y en el trabajo, así como opciones de cursos únicos ofrecidos en todo el distrito. Estas experiencias te ofrecen más opciones y mejores oportunidades para personalizar tu aprendizaje durante la preparatoria.

En general, estas experiencias se caracterizan por lo siguiente:

- Tienen un proceso de solicitud y unos requisitos específicos que deben cumplirse para obtener créditos para la preparatoria.
- Requieren aprendizaje adicional y tiempo de preparación fuera de tu jornada escolar.

A continuación se presenta una descripción breve de estos programas. Te sugerimos conversar con tus padres, maestros y con tu asesor académico con el fin de determinar si una de estas opciones es buena alternativa para ti con base en tus intereses, destrezas y objetivos.

Tipo de experiencia	¿Qué es y cómo funciona?	¿Cómo puedo obtener créditos?
Prácticas de aprendizaje experiencial en el ámbito laboral y como voluntario	Las prácticas de aprendizaje experiencial en el ámbito laboral y como voluntario, incluyendo la observación a un profesional en un puesto de trabajo, las pasantías, empleos y formación profesional laboral con o sin remuneración, ofrecen una buena oportunidad para adquirir conocimientos y destrezas valiosas fuera de los salones de clase de la preparatoria. Los estudiantes que participan en oportunidades de aprendizaje experiencial en el ámbito laboral o como voluntarios, que han sido aprobadas por el distrito y que cumplan con todas las condiciones del programa, pueden obtener hasta cinco créditos optativos y aplicar estos créditos para satisfacer los requisitos de graduación. Los créditos se obtienen a partir de las horas de experiencia, de la siguiente manera 45 horas = .25 créditos; 90 horas = .5 créditos, etc. Los estudiantes que se han graduado del 8º grado son elegibles para obtener crédito por participar en un aprendizaje experiencial optativo en el ámbito laboral o como voluntarios el verano previo al inicio de su 9º grado. Las pautas específicas para obtener créditos a través de este programa se encuentran disponibles en la política #3150 de la Junta de Educación del MMSD.	Tu asesor académico puede ayudarte a saber cómo estructurar una oportunidad de aprendizaje experiencial en el ámbito laboral que te permita acumular créditos o solicitar que se te otorguen créditos por un trabajo de medio tiempo que tienes actualmente. Si deseas tener más información acerca del aprendizaje experiencial en el ámbito laboral, puedes contactar a Jen Wegner jwegner@madison.k12.wi.us

Continúa en la próxima página



Tipo de experiencia	¿Qué es y cómo funciona?	¿Cómo puedo obtener créditos?
Fundamentos de liderazgo (FOL, por sus siglas en inglés)	Es un curso de desarrollo experiencial, de justicia social y de liderazgo con base en las experiencias de los jóvenes de color y el grupo de jóvenes LGBTQ+ (Impartidos en colaboración con GSAFE). Las experiencias del curso incluyen el aprendizaje basado en proyectos, trabajo grupal en colaboración, discusiones y participación comunitaria. Los estudiantes de todas las escuelas preparatorias son elegibles para presentar sus solicitudes o ser nominados como estudiantes que van a pasar al 9º grado o estudiantes que cursan el 10º grado. Formulario de solicitud o nominación. (https://forms.gle/YXQLBjnubUiB4R3N6) Los participantes se reúnen los lunes de 3:15 p.m. a 4:45 p.m. en el gimnasio rojo 'Red Gym' (en el campus de la Universidad de Wisconsin-Madison) Para escuchar por qué los estudiantes FOL eligen este curso, mira nuestro video: https://youtu.be/OZ0swdi6M0Q	Los estudiantes pueden obtener ¼ de crédito optativo por semestre. Los créditos se obtienen por medio de la asistencia, las autoevaluaciones y los proyectos. Para más información sobre FOL, comunícate con: -Amanda Jamae, Aprendizaje Avanzado, amjamae@madison.k12.wi.us Matriculación; Transporte -Ali Muldrow, Co-directora de GSAFE, ali@gsafewi.org Instructora del curso -Sherie Hohs, Líder del grupo LGBTQ+, shohs@madison.k12.wi.us Reclutamiento Para más información sobre FOL, visita la página web de GSAFE: https://sites.google.com/madison.k12.wi.us/lgbtqia/students/foundations-of-leadership-course
Academia de ingreso anticipado a la universidad en los campos de ciencias, tecnología, ingeniería y matemáticas (ECSA, por sus siglas en inglés)	La academia de ingreso anticipado a la universidad en los campos de ciencias, tecnología, ingeniería y matemáticas (ECSA, por sus siglas en inglés) es una asociación entre el Distrito Escolar Metropolitano de Madison y el instituto Madison College. La academia está diseñada para expandir el acceso a cursos universitarios en ciencias, tecnología, ingeniería y matemáticas y aumentar las oportunidades para que los estudiantes obtengan crédito universitario en la escuela preparatoria sin costo alguno para ellos o sus familias.	Los estudiantes de la escuela preparatoria que cursen el 10º grado y cumplan con los requisitos de elegibilidad, recibirán una invitación para presentar su solicitud para la Academia. Un comité revisa las solicitudes, entrevista a los solicitantes y después selecciona a los estudiantes que serán invitados para inscribirse en el programa. Los estudiantes que estén inscritos en el programa, asistirán al instituto Madison College cuando cursen el 11º y 12º grado, y estarán aprendiendo en clases impartidas por instructores del instituto Madison College, así como por maestros del Distrito Escolar Metropolitano de Madison. Para más información consulta con el asesor académico de tu escuela.

Continúa en la próxima página



Tipo de experiencia	¿Qué es y cómo funciona?	¿Cómo puedo obtener créditos?
Estudio independiente	El estudio independiente ofrece una oportunidad para obtener créditos para un proyecto diseñado y completado de manera independiente por el estudiante. Si estás interesado en diseñar un proyecto de estudio independiente vas a necesitar lo siguiente: 1. Desarrollar tu idea del proyecto y documentarla en una solicitud de contrato de estudio independiente. 2. Encontrar un maestro u otro miembro del personal que esté certificado y dispuesto a ser tu asesor en el proyecto. 3. Enviar la propuesta a tu escuela y esperar a que sea aprobada para recibir créditos por parte del director de tu escuela. Si estás interesado en hacer un estudio independiente te sugerimos reunirte con tu asesor académico para que tengas más información sobre el proceso (incluyendo los plazos para presentar la solicitud) y para que recibas una copia de la solicitud.	Una vez que envíes tu contrato de estudio independiente, el personal de tu escuela lo revisará. Si el proyecto es aprobado por tu escuela, serás elegible para obtener créditos una vez que presentes evidencia de que has alcanzado de manera exitosa los objetivos de aprendizaje que identificaste en tu propuesta del proyecto. El número de créditos se otorgará con base en las horas de duración del proyecto: 45 horas= $\frac{1}{4}$ crédito 90 horas= $\frac{1}{2}$ crédito Un estudiante puede recibir: • Hasta un crédito en un estudio independiente dentro de un ciclo escolar. • Hasta un crédito en un estudio independiente en un área temática determinada. • Puede solicitar hasta dos créditos como parte de los requisitos para la graduación. El lenguaje de la política que rige el estudio independiente se puede encontrar en nuestro documento de la política #3545 de la Junta de Educación.
Cursos en línea del campus virtual de Madison (MVC, por sus siglas en inglés)	El Campus Virtual de Madison (MVC en inglés) es un servicio de cobertura distrital que ofrece acceso a cursos en línea a los estudiantes del MMSD. MVC ayuda a satisfacer las necesidades de los estudiantes para mantenerse en la trayectoria correcta para graduarse, teniendo acceso a cursos que no se ofrecen en su escuela y permitiendo acceso a cursos que de otra manera no pueden acomodar en su horario actual. Los estudiantes del MVC trabajarán con un entrenador en línea en su escuela y con un maestro en línea con licencia de Wisconsin para sus cursos de contenido académico. Los cursos que están disponibles para los estudiantes del MMSD se encuentran en el catálogo de cursos del MVC (https://secondary.madison.k12.wi.us/mvc). Estos cursos incluyen cursos esenciales, de colocación avanzada y optativos.	Si estás interesado en cursos MVC, contacta a tu asesor académico para obtener más información acerca del proceso de solicitud. El cupo en los cursos MVC es limitado y se da prioridad típicamente a los estudiantes que están más próximos para graduarse o a estudiantes que tienen otras necesidades apremiantes (https://goo.gl/hkKp3W) Puedes encontrar más información sobre los cursos MVC en el sitio web de nuestro distrito, a través del siguiente enlace: https://secondary.madison.k12.wi.us/mvc Ver la información de contacto específica en la página 30.



Oportunidades flexibles para cursos

¡Estudiantes!

- ¿Están buscando una manera de **tener acceso a un curso** que quieren tomar, pero que ahora no pueden por su horario?
- ¿Están interesados en **acelerar** su ritmo para obtener los créditos necesarios para graduarse?
- ¿Están dispuestos a ser **flexibles** con su aprendizaje?
- ¿Son buenos **administradores de su tiempo** o quieren trabajar en esas destrezas?
- ¿Están buscando **algo un poco diferente** durante su día o algo adicional?
- ¿Están motivados a aprender en un ambiente **impulsado por la tecnología**?

Detalles

Además de cursos disponibles totalmente en línea mediante el Campus Virtual de Madison, ustedes también tienen otras dos oportunidades virtuales para cursos el próximo año.

Beneficios

- Cumplir con un requisito de graduación
- Existen opciones disponibles que les permiten ser creativos con su horario! (Podrán tener un periodo de clases libre durante el día escolar o tomar un crédito adicional)
- La posibilidad para acelerar y avanzar en sus créditos para graduarse

Una nota en relación a los cursos en espacios de aprendizaje virtual (VLS, por sus siglas en inglés):

Cada escuela preparatoria integral tiene acceso mediante un sistema de tele presencia a espacios de aprendizaje virtual (VLS, por sus siglas en inglés) que se puede usar para conectar salones de clases si el horario lo permite. La conexión virtual permite a grupos de estudiantes y a un maestro participar en una clase juntos al mismo tiempo, mientras se encuentran en edificios diferentes. Los estudiantes estarán presentes físicamente en su propia escuela y se reunirán con su maestro y con otros compañeros de clase de manera virtual. Es posible que haya contenido en línea para apoyar el aprendizaje. Para obtener más información sobre tomar una clase con un sistema como nuestro VLS, visita este sitio web: <http://tinyurl.com/MMSDVLS> Habla con tu asesor académico si estás interesado en tomar una clase en otra escuela preparatoria del MMSD mediante el acceso a los espacios de aprendizaje virtual. Hay varias ofertas planificadas mencionadas en la sección “Curso flexible” en este catálogo, y pueden ser posibles otras conexiones.

Alemán de Colocación avanzada (VLS)

En el curso de colocación avanzada de lenguaje y cultura en alemán, los estudiantes continúan desarrollando y refinando su nivel de dominio en alemán en comunicación interpersonal, interpretativa y de presentación. El curso es comparable con un curso de tercer año en la universidad. La clase se lleva a cabo exclusivamente en alemán. Se usan textos escritos y fuentes de audio auténticos en alemán para mejorar la comprensión de lectura y auditiva de los estudiantes. Mediante la integración continua de las habilidades auditivas, orales, de lectura y escritura, los estudiantes repasan y refinan su conocimiento gramático y de vocabulario y desarrollan un mejor entendimiento cultural de países de habla alemana en contextos contemporáneos e históricos. El curso desarrolla la conciencia de los estudiantes y la apreciación de la cultura alemana, sus prácticas sociales y sus perspectivas. La evaluación del nivel de dominio de los estudiantes se basa en las rúbricas utilizadas para evaluar el nivel de dominio de los estudiantes en el examen de colocación avanzada de la lengua y cultura alemana. Este es un curso en un espacio virtual de aprendizaje (VLS, por sus siglas en inglés)

Curso combinado sobre finanzas personales

Una parte de este curso de aprendizaje combinado es en línea y otra parte es en persona. Se impartirá mediante dos reuniones en persona (esto será determinado por cada escuela) y mediante módulos flexibles en línea que les permitirán trabajar en su propio horario (5-10 horas por semana) al mismo tiempo que obtienen destrezas y conocimientos valiosos para la vida. El curso de finanzas personales es una de las clases más útiles que pueden tomar para prepararse para el futuro. Está comprobado que las malas





decisiones financieras pueden conducir a un espiral de deudas acumuladas que les impedirán ahorrar y planificar para tener un futuro financiero seguro. ¡Aprendan sobre las profesiones y la universidad, la toma de decisiones financieras y el establecimiento de metas, presupuesto, ahorro e inversiones, crédito, seguros y más!

Educación de salud en línea

Este curso en línea se recomienda para estudiantes en 10° grado para satisfacer el requisito de 0.5 crédito en educación de salud para poder graduarse. Este curso está diseñado para proveer oportunidades para practicar las destrezas necesarias para convertirse en individuos con conocimiento en la salud al aplicar el conocimiento, desarrollar actitudes y destrezas para tomar decisiones positivas y tomar acción para promover y proteger la salud de uno mismo y de los demás. Este curso lo dictará un maestro en educación de salud en la escuela del estudiante para apoyar el aprendizaje. El curso se cumplirá mediante módulos en línea, que podrán completarse en cualquier momento en el calendario diario del estudiante.

Los estudiantes también tendrán la posibilidad de reunirse cara a cara con sus compañeros de clases y con el maestro durante el semestre (pendiente por la escuela). El tiempo recomendado en el curso es de 5 a 10 horas por semana. Este no es un curso del Campus Virtual de Madison.

Educación Física en línea

Este curso en línea se recomienda para estudiantes de 10° a 12° grado para satisfacer el 0.5 de crédito requerido en Educación Física del total de 1.5 créditos requeridos para graduarse. El curso se diseña para proveer a los estudiantes oportunidades para profundizar su conocimiento físico al aplicar el conocimiento y habilidades de varios conceptos y principios de actividades y aptitud física. Los estudiantes tendrán oportunidades para auto-reflexionar y establecer metas para tomar medidas para mantener un estilo de vida activo y saludable. Habrá una cantidad de actividad física regular requerida para satisfacer las expectativas del curso, que típicamente deben llevar un registro o completarse cada semana. Este curso lo enseñará un maestro de Educación Física dentro del edificio escolar del estudiante para apoyar el aprendizaje. El curso será completado mediante módulos en línea, que pueden completarse en cualquier momento durante el horario diario del estudiante. Los estudiantes también tendrán la posibilidad de reunirse cara a cara con sus compañeros de clases y con el maestro durante el semestre (pendiente por la escuela). El tiempo recomendado en el curso es de 5 a 10 horas por semana. Si ya tomaste una clase del Campus Virtual de Madison con anterioridad, es posible que no seas elegible para tomar esta clase.

Idioma Ho-Chunk

A través de la asociación con la Nación Ho-Chunk 'Ho-Chunk Nation', MMSD puede ofrecer Ho-Chunk a través del curso de Estudio de Idioma Facilitado (FLS, por sus siglas en inglés). En las escuelas donde no se ofrece Estudio de Idioma Facilitado, los estudiantes pueden tener acceso al curso virtualmente, dependiendo de la capacidad, la programación, el interés de los estudiantes o la disponibilidad de recursos.

Estudio de Idioma Facilitado es una clase de estudio de idiomas no tradicionales, en la cual los estudiantes usan una variedad de materiales y recursos para aprender el idioma elegido y elementos culturales relacionados con los lugares donde se habla el idioma. El maestro-facilitador instruye a los grupos en métodos críticos de aprendizaje de idiomas y los estudiantes participan en actividades de aprendizaje de idiomas, trabajando individualmente y de forma cooperativa en cohortes pequeñas de idiomas. Tutores nativos y no nativos ofrecen práctica oral. El primer año de este curso cubre el plan de estudios introductorio en el idioma elegido, así como las técnicas de aprendizaje del idioma. En los años siguientes se continúa el estudio del idioma elegido. Si está interesado, comuníquese con el jefe del departamento de Idiomas del mundo de su escuela o con Claudine Clark, líder de maestros de idiomas del mundo, escribiendo a su correo electrónico: cclark@madison.k12.wi.us



Programas adicionales y oportunidades de aprendizaje

Avance Vía Determinación Individual (AVID)

¿Qué es AVID/TOPS?

Es un programa de preparación para el ingreso a universidades e instituciones de educación superior, en colaboración con los Clubes de Niños y Niñas del condado Dane que incluye un curso optativo para estudiantes de 7° a 12°. AVID/TOPS tiene como fin llegar a los estudiantes de color, estudiantes de bajos ingresos económicos y a los estudiantes que son la primera generación en cursar la universidad en un nivel académico básico con un promedio general de calificaciones (GPA en inglés) de 2.0 y 3.5. En el curso optativo, los estudiantes tienen el mismo maestro del programa AVID y AVID/TOPS durante toda la escuela preparatoria. El curso optativo se concentra en estrategias de organización, destrezas de estudio, razonamiento crítico, apoyo en tutoría y concientización acerca de una profesión y la universidad. Los lunes y miércoles, los estudiantes participantes aprenden las destrezas, hábitos y conocimientos que son importantes para tener éxito en la preparatoria y en una institución de educación superior. Los martes y jueves, orientadores universitarios que son estudiantes actualmente, trabajan con grupos pequeños de alumnos del programa AVID/TOPS para ayudarlos a entender mejor los temas que están aprendiendo en sus clases. Los viernes, los estudiantes del programa AVID/TOPS visitan universidades e instituciones postsecundarias, escuchan charlas motivacionales y participan en actividades divertidas que les ayudan a prepararlos para su ingreso a la universidad. Los estudiantes del programa AVID/TOPS visitan más de 10 universidades e instituciones de educación superior en cuatro años. Además, en el verano tienen la oportunidad de realizar pasantías remuneradas, pueden tener mentores que pertenecen a la comunidad y acceso a una experiencia de exploración profesional remunerada. Además, cada estudiante egresado del programa AVID/TOPS recibe un orientador universitario que lo apoya desde que cursa el 12° grado y continúa apoyándolo hasta que se gradúa de la universidad o institución universitaria.



¿Es efectivo el programa AVID/TOPS?

¡Sí lo es! Existen años de seguimiento a los datos del programa AVID/TOPS que prueban que éste les ayuda a los estudiantes a tener éxito en la preparatoria y en la universidad. El programa AVID/TOPS ha sido evaluado por investigadores de la Universidad de Wisconsin en Madison, quienes han encontrado de manera constante que el programa AVID/TOPS tiene un impacto significativamente positivo en el aprovechamiento de los estudiantes.

1. 100% de los estudiantes en la clase optativa de AVID se gradúan en 4 años
2. La clase AVID/TOPS logra un incremento en el promedio general de calificaciones (GPA en inglés) de los estudiantes.
3. Los estudiantes en el programa AVID/TOPS toman más cursos de Colocación Avanzada (AP, por sus siglas en inglés) y de Honores y obtienen calificaciones más altas en estos cursos.
4. Los estudiantes en la clase optativa AVID tienen mayor probabilidad de inscribirse a la universidad, así como de graduarse de la universidad o una institución de educación superior.

¿Por qué funciona el programa AVID/TOPS?

El programa AVID/TOPS está totalmente integrado con el MMSD y con el Club de Niños y Niñas del Condado Dane que les ofrece a los estudiantes oportunidades para tener éxito en el salón de clases y la opción de explorar actividades comunitarias y de una profesión que los preparará para su futuro. Los estudiantes del curso optativo AVID/TOPS son más exitosos debido a que reciben cuatro apoyos clave en el programa. El programa AVID/TOPS ubica a sus estudiantes en un currículo exigente y les ofrece apoyo para tener buen desempeño.

1. El programa AVID/TOPS ubica a sus estudiantes en un currículo exigente y les ofrece apoyo para tener buen desempeño.
2. El programa AVID/TOPS les enseña a los estudiantes estrategias específicas para tener éxito en la preparatoria y para entrar a una buena universidad o instituto de educación superior.



- Los estudiantes AVID/TOPS permanecen con otros compañeros participantes en el programa durante cuatro años y esto les permite tener una comunidad compuesta por estudiantes positivos y motivados y por adultos listos para apoyarlos.
- Los estudiantes AVID/TOPS están rodeados por un equipo de adultos que tienen el papel de abogar por el éxito de cada uno de los estudiantes participantes.

¿Cuál es el proceso de solicitud y selección para el programa AVID/TOPS?

El programa se orienta a estudiantes que tienen un nivel académico promedio (con un GPA entre 2.0 y 3.5 y resultados de medios a altos en sus exámenes), el deseo de ir a la universidad y la voluntad de trabajar duro. Generalmente, estos estudiantes son los primeros en sus familias en ir a la universidad o a una institución de educación superior y provienen de grupos que están tradicionalmente subrepresentados en esas instituciones. Estos son estudiantes capaces de completar un currículo exigente pero que se beneficiarían de un apoyo estructurado. En el semestre del otoño, las escuelas preparatorias invitarán a estudiantes de 8º grado que reúnan los criterios de selección para que presenten una solicitud para el curso optativo AVID/TOPS de 9º grado.

Nota: los estudiantes que participan en el programa AVID en la escuela intermedia deberán presentar su solicitud para participar en el programa durante la preparatoria. Después de que hayan sido invitados, los estudiantes interesados deberán 1) llenar su solicitud, 2) presentar una carta de recomendación de un maestro y 3) deberán ser entrevistados por los miembros del equipo AVID/TOPS de su preparatoria. Después, este equipo seleccionará a los estudiantes que podrán inscribirse en este curso optativo para el 9º grado. Los estudiantes que no sean seleccionados inicialmente para estar en la clase optativa AVID TOPS, aún podrán integrarse hasta el primer semestre de su 11º grado, siempre y cuando se ajusten a los requisitos de criterio. Los estudiantes que estén interesados en participar en AVID/TOPS después del primer semestre de 9º grado, deberán comunicarse con el coordinador del programa AVID de su preparatoria.

Horario - AVID

Tradicional 9 ^{no} Grado	AVID 9 ^{no} Grado	Rutas y AVID 9 ^{no} Grado
INGLÉS 1 Inglés 1 (opciones para cursos de honores)	INGLÉS 1 Inglés 1 (opciones para cursos de honores)	INGLÉS 1 Inglés 1 (opciones para cursos de honores)
CIENCIAS Biología (opciones para cursos de honores)	CIENCIAS Biología (opciones para cursos de honores)	CIENCIAS Biología (opciones para cursos de honores)
ESTUDIOS SOCIALES Historia de los Estados Unidos (opciones para cursos de honores)	ESTUDIOS SOCIALES Historia de los Estados Unidos (opciones para cursos de honores)	ESTUDIOS SOCIALES Historia de los Estados Unidos (opciones para cursos de honores)
MATEMÁTICAS	MATEMÁTICAS	MATEMÁTICAS
EDUCACIÓN FÍSICA	EDUCACIÓN FÍSICA	EDUCACIÓN FÍSICA
OPTATIVA	OPTATIVA	Materia esencial de Rutas Personalizadas
OPTATIVA	CURSO OPTATIVO DE AVID	CURSO OPTATIVO DE AVID
OPTATIVA	OPTATIVA	OPTATIVA

OPORTUNIDADES DE APRENDIZAJE EXPERIENCIAL
Aprendizaje de concientización
ej. excursión u orador invitado
PROYECTOS INTEGRADOS

Lista de contactos de los coordinadores por escuela

Escuela	Coordinador AVID	Número telefónico	Dirección de correo electrónico
Escuela Preparatoria East	Kate Brien	(608) 204-1673	kbrien@madison.k12.wi.us
Escuela Preparatoria La Follette	Lindsay Simonson	(608) 204-3731	ldsimonson@madison.k12.wi.us
Escuela Preparatoria La Follette	Anne Hank Braga	(608) 204-3588	amhank@madison.k12.wi.us
Escuela Preparatoria Memorial	Johanna Golden	(608) 663-6261	jgolden@madison.k12.wi.us
Escuela Preparatoria West	Danielle Borneman	(608) 204-4988	dborneman@madison.k12.wi.us



Programa Bilingüe de Doble Inmersión

El programa Bilingüe de Doble Inmersión (DLI por sus siglas en inglés), les ofrece a los estudiantes del MMSD la oportunidad de llegar a ser bilingües, ser competentes en lectoescritura en dos idiomas, desarrollar destrezas y actitudes favorables a la multiculturalidad, a la vez que acceden a los contenidos estándares de cada área en el grado académico. En el ciclo escolar de 2020-2021, los cursos de continuación se ofrecen en la Escuela Preparatoria East (de 9º a 10º grado), la Escuela Preparatoria La Follette (9º a 12º grado), la Escuela Preparatoria Memorial (9º grado) y la Escuela Preparatoria West (9º, 10º y 11º grado).

¿Cuáles son los cursos de continuidad del programa DLI? Como parte de los cursos de continuidad del Programa Bilingüe de Doble Inmersión, se ofrecen las siguientes clases:

- Artes del lenguaje en español 1 y 2 (9º y 10º grado)
- Literatura y artes del lenguaje en español 1 de colocación avanzada (11º grado)
- Literatura y artes del lenguaje en español 2 de colocación avanzada (12º grado)
- Historia de los Estados Unidos en español (9º grado)
- Historia del mundo en español (10º grado)
- Estudios étnicos en español (o curso alternativo en algunas escuelas preparatorias)
- Estudios de Latinoamérica en español (o curso alternativo en algunas escuelas preparatorias)

Horario - Programa Bilingüe de Doble Inmersión

Tradicional 9 ^{no} Grado	DLI 9 ^{no} Grado	Rutas y DLI 9 ^{no} Grado	
INGLÉS 1 Inglés 1 (opciones para cursos de honores)	INGLÉS 1 Inglés 1 (opciones para cursos de honores)	INGLÉS 1 Inglés 1 (opciones para cursos de honores)	OPORTUNIDADES DE APRENDIZAJE EXPERIENCIAL Aprendizaje de concientización ej. excursión u orador invitado PROYECTOS INTEGRADOS
CIENCIAS Biología (opciones para cursos de honores)	CIENCIAS Biología (opciones para cursos de honores)	CIENCIAS Biología (opciones para cursos de honores)	
ESTUDIOS SOCIALES Historia de los Estados Unidos (opciones para cursos de honores)	ESTUDIOS SOCIALES Historia de los Estados Unidos (DLI) En español	ESTUDIOS SOCIALES Historia de los Estados Unidos (DLI) En español	
MATEMÁTICAS	MATEMÁTICAS	MATEMÁTICAS	
EDUCACIÓN FÍSICA OPTATIVA	EDUCACIÓN FÍSICA OPTATIVA	EDUCACIÓN FÍSICA Materia esencial de Rutas Personalizadas	
OPTATIVA	ARTES DEL LENGUAJE EN ESPAÑOL (Idiomas del mundo)	ARTES DEL LENGUAJE EN ESPAÑOL (Idiomas del mundo)	
OPTATIVA	OPTATIVA	OPTATIVA	



Programa de escolares globales y sello de lectoescritura bilingüe de Wisconsin

Si tienes particular interés en estudios globales e idiomas del mundo, existen dos oportunidades que podrías aprovechar, las cuales te permitirían involucrarte de una manera más profunda en estas áreas y además, obtener un reconocimiento especial por tus esfuerzos.

Programa de escolares globales (GSP)	Sello de lectoescritura bilingüe (SBL)
El programa de escolares globales (GSP, por sus siglas en inglés), reconoce los esfuerzos de los estudiantes que han demostrado conocimiento del mundo, sensibilidad hacia la diversidad de culturas y perspectivas y destrezas sólidas de comunicación y colaboración. Los estudiantes interesados participan en experiencias de aprendizaje adicionales, incluida la lectura de libros y la exploración de medios de comunicación de su elección que tengan un enfoque multicultural o global, completan un proyecto de servicio a la comunidad, participan en eventos extracurriculares y preparan una reflexión final acerca de su experiencia como estudiantes globales.	El sello de lectoescritura bilingüe de Wisconsin (SBL, por sus siglas en inglés), se otorga a estudiantes de la escuela preparatoria que se vayan a graduar en distritos que cuentan con un programa aprobado por el Departamento de Instrucción Pública y quienes hayan demostrado logros en el bilingüismo, la destreza de lectoescritura bilingüe y la competencia multicultural en dos o más idiomas (inglés y otro idioma asociado) al participar de manera exitosa en el desarrollo de los idiomas mediante nuestras escuelas, sus familias y la comunidad. El sello de lectoescritura bilingüe resalta el increíble beneficio que conlleva el trabajar para convertirse en multilingüe y reconoce el papel tan importante que puede jugar el multilingüismo para lograr formar egresados que sean culturalmente competentes.
Los estudiantes interesados en participar en el programa deben presentarle al coordinador del GSP de su escuela, un formulario con la declaración de su intención de obtener el certificado de aprovechamiento en educación global. Después deben trabajar con sus instructores para completar y compartir su portafolio de experiencias. Aquellos estudiantes que terminan su portafolio de manera exitosa reciben la distinción del Estudiante Global de Wisconsin, otorgado por el Departamento de Instrucción Pública de Wisconsin. Se puede encontrar más información en https://dpi.wi.gov/international-education/achievement-certificate http://www.globalwisconsin.org/the-policy	Los estudiantes que estén interesados en el programa deberán ponerse en contacto con el coordinador del Sello de lectoescritura bilingüe de su escuela y luego trabajar con sus instructores para completar y compartir su portafolio de experiencias. Los estudiantes que completan su portafolio con éxito, se les otorga la distinción del Sello de lectoescritura bilingüe de Wisconsin por parte del Departamento de Instrucción Pública de Wisconsin. Además, pueden encontrar información adicional en: https://dpi.wi.gov/english-learners/wi-seal-of-biliteracy https://assessment.madison.k12.wi.us/sello-de-lectoescritura-bilingue



Solicitud de cursos y procedimientos para solicitar cambios de cursos

¿Cómo selecciono mis cursos?

Cada año, (típicamente en enero o febrero) tendrás la oportunidad de seleccionar cursos para el siguiente ciclo escolar. Durante la selección de cursos, tu asesor académico y tus maestros te darán información sobre los diferentes cursos que hay disponibles para ti. Tendrás la oportunidad de consultar con tus maestros, tu familia y tu asesor académico para poder tomar las decisiones que te apoyen a explorar tus intereses, completar los requisitos para graduarte y desarrollar el conocimiento y las destrezas necesarias para sustentar tus planes personales de postsecundaria. Otros recursos que te apoyarán en la toma de decisiones incluyen tus experiencias de tu plan profesional y académico y la exploración de postsecundaria, así como las herramientas de planificación en tu cuenta Xello. Te recomendamos que revises tu constancia de estudios con calificaciones (accesible a través de tu cuenta de Infinite Campus y de tu asesor académico) cada semestre para garantizar que tu expediente académico esté correcto y actualizado. Tu constancia de estudios con calificaciones también te puede ayudar a identificar qué créditos todavía necesitas completar a medida que avanzas para cumplir con todos los requisitos de graduación. Si tienes cualquier pregunta sobre el trabajo académico requerido, te exhortamos a que tú junto con un adulto programen una cita con tu asesor académico en cualquier momento.

¿Quién me ayuda a seleccionar mis cursos?

Tu asesor académico, maestros y familia pueden ayudarte a seleccionar los cursos que concuerden mejor con tus intereses, habilidades y objetivos de postsecundaria. Siempre se recomienda que revises tus cursos seleccionados con estos adultos.

Solicitud de un cambio de curso

Es importante que en enero selecciones tus cursos de manera muy cuidadosa. Durante la primavera podrás hacer cambios a tus solicitudes para los cursos si hablas con tu consejero escolar. Todos los cambios deben hacerse antes de que se termine el ciclo escolar.

Los cambios al horario solamente se harán durante el proceso de matriculación del otoño si:

- El estudiante no aprobó una clase que es obligatoria o el horario de clases del estudiante no cumple con los requisitos de carga académica para su grado o para la graduación.
- El estudiante no aprobó una clase que es un prerrequisito para tomar otra clase.
- El curso del estudiante de Crédito universitario obtenido con anticipación y Comienza la universidad ahora u otro curso aprobado por el MMSD entra en conflicto con el horario de clases del estudiante.
- El trabajo académico de un curso de la escuela de verano hace necesario que se haga un cambio en el horario de clases del estudiante.

Agregar o abandonar un curso

Cada escuela tiene procedimientos específicos para agregar o abandonar cursos una vez que el ciclo escolar ha comenzado. Sin embargo, un estudiante que tiene más del número de créditos requeridos puede solicitar abandonar una clase para introducir un período de estudio con apoyo suplementario y lo puede hacer en cualquier momento dentro de las primeras siete semanas del semestre (día del 7º periodo), teniendo entendido que el estudiante aún tiene el mínimo de número de créditos y los cursos apropiados necesarios para seguir estando en la dirección correcta para graduarse.

Terminar un curso “Incompleto”

La calificación de “I” (Incompleto) en un curso al final del semestre implica que el estudiante tendrá la oportunidad de terminar el curso para poder obtener crédito por éste. Para poder cambiar una calificación de “I” por una calificación aprobatoria, el estudiante deberá terminar exitosamente el curso durante las primeras nueve semanas del siguiente semestre. Cualquier estudiante que no termine su trabajo durante ese período automáticamente recibirá una calificación de “F” en el curso, a menos que tenga una autorización de extensión por parte del director de su Comunidad Pequeña de Aprendizaje (SLC, por sus siglas en inglés). Una vez que el estudiante complete el trabajo, el maestro completará un formulario para hacer un cambio de



calificación y la presentará ante la oficina apropiada.

Nota: Si un deportista recibe una calificación de Incompleto, se convierte en inelegible de manera instantánea. Los deportistas solamente tienen diez días para terminar su trabajo y de esa manera se convierten en elegibles para el cambio en la calificación.

Solicitar la graduación anticipada

Un estudiante de 11º o de 12º grado que tenga interés en la posibilidad de graduarse con anticipación, es decir, cumplir con los requisitos y recibir su diploma en una fecha anterior a la esperada, debe comunicárselo a su asesor académico. Su asesor académico programará una reunión con el estudiante y con sus padres o tutores legales con el fin de dialogar sobre ese interés y asegurarse de que el estudiante y su familia cuenten con toda la información necesaria para tomar la mejor decisión. Si el estudiante decide que va a trabajar para graduarse de manera anticipada, él y su familia deberán llenar un formulario de solicitud al final del semestre y recibir aprobación de la escuela. Después de esto, su consejero le ayudará a trazar un plan para que pueda cumplir con sus requisitos de graduación a un paso más acelerado.

Cualquier estudiante que se gradúe en enero del 12º grado será elegible para recibir todos los reconocimientos, privilegios y distinciones dadas a los demás estudiantes de su clase. Así como cualquier otro egresado, quien se gradúa anticipadamente debe responsabilizarse de informarse y de enviar su solicitud para recibir estos honores, así como de coordinar con la secretaria de su vecindario lo relacionado con los materiales y actividades de graduación.

Información de contacto

Programa de escolares globales y sello de lectoescritura bilingüe de Wisconsin (p 28)

Kristin Montgomery, (608)204-3600, kkmontgomery@

Andy Schwei, (608)204-3600, atschwei@

Reemplazo de Crédito en Educación Física (PERC) (p 10)

Tim Rockhold, Athletic Director, (608)204-3656

Cursos de colocación avanzada:

Ray Rosing, Assistant Principal, (608)204-3612

Campus Virtual de Madison (MVC):

Paul Milisch, (608)204-1708



LA FOLLETTE HIGH SCHOOL

Table of Contents

TABLE OF COURSES.....	32
ART	39
BUSINESS, INFORMATION TECHNOLOGY / COMPUTER SCIENCE AND MARKETING EDUCATION	42
BUSINESS EDUCATION.....	43
MARKETING EDUCATION	44
INFORMATION TECHNOLOGY/COMPUTER SCIENCE	45
DUAL LANGUAGE IMMERSION.....	47
ENGLISH.....	49
SPECIAL EDUCATION ENGLISH	52
ENGLISH AS A SECOND LANGUAGE	53
FAMILY AND CONSUMER SCIENCE.....	56
CULINARY	56
HUMAN SERVICES	57
DESIGN.....	58
HEALTH SCIENCE.....	58
FAMILY AND CONSUMER SCIENCES – DISTRICT COURSES NOT AT LHS	60
INTERDEPARTMENTAL STUDIES.....	61
MATHEMATICS	62
SPECIAL EDUCATION MATHEMATICS.....	64
MUSIC.....	65
PHYSICAL EDUCATION/HEALTH	67
SPECIAL EDUCATION PHYSICAL EDUCATION/HEALTH	69
READING	70
SCIENCE	72
SPECIAL EDUCATION SCIENCE	75
SOCIAL STUDIES.....	76
SPECIAL EDUCATION SOCIAL STUDIES	79
TECHNOLOGY AND ENGINEERING	80
WOODS AND CONSTRUCTION.....	80
PROJECT LEAD THE WAY	81
TRANSPORTATION.....	82
TECHNOLOGY & ENGINEERING - DISTRICT COURSES NOT AT LHS.....	84
WORLD LANGUAGES	85
WORK CREDIT & SOCIAL AND EMOTIONAL LEARNING - SPECIAL EDUCATION.....	89

TABLE OF COURSES

ART		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Drawing 1	\$ 20 Fee	ART2075	X	X	X	X
Drawing 2	\$ 20 Fee	ART2080	X	X	X	X
Drawing 3	\$ 30 Fee	ART2090		X	X	X
Drawing and Prints 4	\$ 30 Fee	ART2150				X
Painting 1 - Acrylics	\$ 20 Fee	ART3015	X	X	X	X
Painting 2	\$ 20 Fee	ART3030	X	X	X	X
Painting 3	\$ 30 Fee	ART3040			X	X
Painting 4	\$ 30 Fee	ART3050				X
Art Metals 1	\$ 60 Fee	ART5015	X	X	X	X
Art Metals 2	\$ 60 Fee	ART5020		X	X	X
Art Metals 3	\$ 60 Fee	ART5030			X	X
Art Metals 4	\$ 60 Fee	ART5040				X
Ceramics and Sculpture 1	\$ 20 Fee	ART4015	X	X	X	X
Ceramics and Sculpture 2	\$ 30 Fee	ART4020	X	X	X	X
Ceramics and Sculpture 3	\$ 30 Fee	ART4030			X	X
Ceramics and Sculpture 4	\$ 30 Fee	ART4040				X
Portfolio	\$ 30 Fee	ART9030				X

*Course fees are subject to change. You may be eligible for a fee waiver or reduction. The fee waiver request is included in the August online enrollment process under the socioeconomic status section. Your request will be reviewed by authorized school district personnel.

BUSINESS, INFO TECH, COMPUTERS, MARKETING		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Accounting		BUS2010		X	X	X
Advanced Accounting		BUS2030			X	X
Personal Finance		BUS2055		X	X	X
Online Personal Finance		V-BUS2050		X	X	X
Intro to Business & Marketing		BUS2065	X	X	X	X
AP Macroeconomics		BUS2085			X	X
AP Microeconomics		BUS2095			X	X
Professional Communications		BUS4075		X	X	X
Career Exploration		BUS9015	X	X	X	X
Marketing & Sales		MRK1015	X	X	X	X
Advanced Marketing (DTC)		MRK1020			X	X
Advertising & Social Media		MRK1035	X	X	X	X
Sport and Event Management		MRK1045			X	X
Innovation Zone 1: Entrepreneurship		BUS4095	X	X	X	X
Innovation Zone 2: Be Your Own Boss		MRK1055			X	X
Take Charge: Leading and Managing!		BUS4085				X
Web Design		BUS4015	X	X	X	X
Digital Technologies		CMP1025	X	X	X	X
Bits & Bytes: Computer Media		CMP1045	X	X	X	X
Graphic Design and Desktop Publishing		CMP1055	X	X	X	X
Business Technologies 1		CMP4035	X	X	X	X
Business Technologies 2		CMP4045	X	X	X	X
Video Production		CMP4075		X	X	X
Introduction to Programming		CMP2010	X	X	X	X
AP Computer Science Principles		CMP4010		X	X	X
AP Computer Science		CMP2020		X	X	X
Law and Ethics		BUS3015		X	X	X
Career Internship		CTE9040			X	X

DUAL LANGUAGE IMMERSION		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Spanish Literature and Language Arts 1 (DLI)		FOR8050	X	X		
US History in Spanish (DLI)		SOC6070	X			
Spanish Literature and Language Arts 2 (DLI)		FOR8060	X	X		
World History in Spanish (DLI)		SOC6080		X		
Ethnic Studies in Spanish (DLI)		SOC6095			X	X
Latin American Studies in Spanish (DLI)		SOC7015			X	X
AP Spanish Language		FOR2070			X	X
AP Spanish Literature & Culture		FOR8080			X	X
Language and Community Engagement		FOR8095		X	X	X

ENGLISH		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
English 1		ENG1010	X			
English 1 Honors		ENG1020	X			
English 2		ENG1040		X		
English 2 Honors		ENG1050		X		
AP Seminar		ENG9960		X		
English 3		ENG1070			X	
English 3 Honors		ENG1080			X	
AP Language & Composition		ENG2010			X	
English 4		ENG1110				X
AP Literature and Composition		ENG3010			X	X
Creative Writing		ENG2025		X	X	X
Creative Writing Advanced		ENG2035			X	X
Writing for Media & Pub.		ENG2050		X	X	X
Yearbook Design and Publishing		CMP1060	X	X	X	X
Public Speaking		ENG6015		X	X	X
Film Studies		ENG4015		X	X	X
Literature of a People-Rising Up		ENG3175		X	X	X
Intro to College Reading (DTC)		ENG7515				X
Intro to College Writing (DTC)		ENG3235				X

ENGLISH AS A SECOND LANGUAGE		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
English Fundamentals		ENG1290	X	X	X	X
Intermediate English		ENG1300	X	X	X	X
Advanced English		ENG1270	X	X	X	X
English for Academic Success		A-ENG1280	X	X	X	X
Math Fundamentals		A-MAT1210	X	X	X	X
Algebra 1		A-MAT1010	X	X	X	X
Geometry		A-MAT2010	X	X	X	X
Algebra 2/Trigonometry		A-MAT3010	X	X	X	X
US History		A-SOC1010	X	X	X	X
World History – Overview		A-SOC2010	X	X	X	X
Modern US History		A-SOC1040			X	X
Social Issues		A-SOC4010			X	X
Biology		A-SCI1030	X	X	X	X
Chemistry		A-SCI3030	X	X	X	X
Physics		A-SCI2030		X	X	X
Health		A-PHY1035		X	X	X

FAMILY AND CONSUMER SCIENCE		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Culinary Basics	\$ 30 Fee	FCS1015	X	X	X	X
International Cuisine	\$ 30 Fee	FCS1025		X	X	X
ProStart Chef 1	\$ 30 Fee	FCS1035		X	X	X
ProStart Chef 2	\$ 30 Fee	FCS1045		X	X	X
Child Development (Birth – 5 Years)		FCS2015		X	X	X
Careers w/ Children ACCT	\$ 10 Fee	FCS2025			X	X
Parenting & Children		FCS2035	X	X	X	X
Healthy Relationships		FCS2055			X	X
Independent Living		FCS2065		X	X	X
Fashion & Sewing	\$ 30 Fee	FCS3015	X	X	X	X
Interior Architectural	\$ 20 Fee	FCS3045		X	X	X
Health Science Exploration		FCS4015	X	X	X	X
Medical Terminology		FCS4025		X	X	X
Body Structure & Function		FCS4065		X	X	X
Nursing Assistant	\$ 30 Fee	FCS4045			X	X
Career Internship		CTE9040			X	X

*Course fees may be subject to change. You may be eligible for a fee waiver or reduction. The fee waiver request is included in the August online enrollment process under the socioeconomic status section. Your request will be reviewed authorized school district personnel.

INTERDEPARTMENTAL STUDIES		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
SAT/ACT		GEN6050		X	X	X
AVID 1		AVD1010	X			
AVID 2		AVD1020		X		
AVID 3		AVD1030			X	
AVID 4		AVD1040				X

MATHEMATICS		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Algebra 1		MAT1010	X			
Geometry		MAT2010	X	X		
Geometry Honors		MAT2020	X	X		
Advanced Algebra (Transcripted Credit)		MAT5010			X	X
Advanced Algebra w/ Financial		MAT6010		X	X	X
Algebra 2 / Trigonometry		MAT3010	X	X	X	X
Algebra 2 / Trigonometry Honors		MAT3020	X	X	X	
Algebra 3		MAT4010		X	X	X
Pre-Calculus		MAT3060		X	X	X
AP Statistics		MAT5040		X	X	X
AP Calculus AB		MAT5020			X	X
AP Calculus BC		MAT5030			X	X
AP Computer Science		CMP2020		X	X	X

MUSIC		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Concert Band		MUS1040	X	X	X	X
Wind Ensemble		MUS1090		X	X	X
Jazz Ensemble		MUS1080	X	X	X	X
Jazz Ensemble - Early Bird		MUS1085	X	X	X	X
Concert Orchestra		MUS3030	X			
Symphonic Orchestra		MUS3020		X		

MUSIC		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Philharmonic Orchestra		MUS3040			X	X
Chorale		MUS2010	X	X	X	X
Concert Choir		MUS2070	X	X	X	
Advanced Concert Choir (Voices)		MUS2060		X	X	X
Show Choir		MUS2040		X	X	X
Guitar 1		MUS4045		X	X	X
Hip Hop Studies		MUS4075			X	X
Theatre 1		THR7015	X	X	X	X
Stagecraft		THR8025		X	X	X

PHYSICAL EDUCATION / HEALTH		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Physical Education 1		PHY1015	X			
Health Education		PHY1035		X		
Early Bird Health Education		PHYZ1035		X		
Online Health Education		V-PHY1030		X		
Physical Education 2		PHY1025		X		
Individual Sports		PHY2035			X	X
Team Sports 1		PHY3015			X	X
Weight Training 1		PHY4015		X	X	X
ProCPR/First Aid	\$ 70 Fee	PHY5085		X	X	X
Lifeguard Training	\$135 Fee	PHY5095		X	X	X
Challenges and Adventure	\$ 40 Fee	PHY5015			X	X
Sports Officiating	\$ 20 Fee	PHY7045			X	X
Social Dance		PHY6015		X	X	X
Personal Fitness		PHY4035			X	X
Introduction to Sports Medicine	\$ 25 Fee	PHY7055			X	X
Peer Partners		PHY7085		X	X	X
Online Fitness Lifestyle Design		V-PHY4040		X	X	X

*Course fees may be subject to change. You may be eligible for a fee waiver or reduction. The fee waiver request is included in the August online enrollment process under the socioeconomic status section. Your request will be reviewed authorized school district personnel.

READING		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Read 901		RDG1030	X	X	X	X
Read 902		RDG1040		X	X	X

SCIENCE		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Biology		SCI1020	X			
Biology Honors		SCI1030	X			
Biology 2		SCI1050			X	X
Anatomy and Physiology		SCI1080			X	X
AP Biology		SCI1090			X	X
Biotechnology 1		SCI9085			X	X
Chemistry		SCI3030		X	X	X
Chemistry Honors		SCI3040		X	X	X
AP Chemistry		SCI3060			X	X
Earth Science 1		SCI4025			X	X
Astronomy		SCI5025		X	X	X
General Physics		SCI2030		X	X	X

SCIENCE		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Math Physics		SCI2040		X	X	X
Math Physics 2		SCI2060			X	X
Advanced Science & Engineering		SCI5035			X	X
Introduction of Renewable Energy		SCI2095			X	X
Advanced University Research in the Sciences		SCI9010			X	
AP Environmental Science		SCI4010			X	X

SOCIAL STUDIES		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
U.S. History		SOC1010	X			
U. S. History Honors		SOC1030	X			
World History – Overview		SOC2010		X		
World History – Overview Honors		SOC2020		X		
Modern US History		SOC1045			X	X
Modern US History – African American Experience		SOC1075			X	X
Human Social Behavior		SOC4065			X	X
Social Issues		SOC4015			X	X
Ethnic Studies		SOC4075			X	X
World People Studies – Women		SOC4120			X	X
AP World History		SOC2040		X		
AP European History		SOC2090		X	X	X
AP U.S. History		SOC1060			X	X
AP Psychology		SOC4050			X	X
AP U.S. Government & Politics		SOC5040			X	X
U. S. History in Spanish (DLI)		SOC6070	X			
World History in Spanish (DLI)		SOC6080		X		
Ethnic Studies in Spanish (DLI)		SOC6095			X	X
Latin American Studies in Spanish (DLI)		SOC7015			X	X
Foundations of Leadership		SOC7035			X	X
Social and Restorative Justice Studies		SOC7025			X	X

SPECIAL EDUCATION PROGRAM (Listed in Departments)		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
SPECIAL EDUCATION ENGLISH						
Life Skills Reading		A-RDG1240	X	X	X	X
Reading Fundamentals		A-RDG1250	X	X	X	X
Literature Fundamentals		A-ENG3200	X	X	X	X
SPECIAL EDUCATION MATHEMATICS						
Life Skills Math		A-MAT1200	X	X	X	X
Math Fundamentals		A-MAT1210	X	X	X	X
Math 1		A-MAT1220	X	X	X	X
Math 2		A-MAT1230	X	X	X	X
Math 3		A-MAT1210	X	X	X	X
Consumer Math		A-MAT1250	X	X	X	X
SPECIAL EDUCATION PHYSICAL EDUCATION / HEALTH						
Life Skills Physical Education		A-PHY1205	X	X	X	X
Life Skills Health		A-PHY1225	X	X	X	X
SPECIAL EDUCATION READING						
Reading 1		A-RDG1200	X	X	X	X
Reading 2		A-RDG1210	X	X	X	X
Reading 3		A-RDG1220	X	X	X	X
Reading Fundamentals		A-RDG1250	X	X	X	X

SPECIAL EDUCATION PROGRAM (Listed in Departments)		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Life Skills Reading		A-RDG1240	X	X	X	X
Literature Fundamentals		A-ENG3200	X	X	X	X
SPECIAL EDUCATION SCIENCE						
Integrated Science		A-SCI2040	X	X	X	X
SPECIAL EDUCATION SOCIAL STUDIES						
Current Events		A-SOC4230	X	X	X	X
SPECIAL EDUCATION WORK CREDIT & SOCIAL AND EMOTIONAL LEARNING						
Introductory Vocational Skills		A-GEN3200	X	X	X	X
Supported Employment Skills		A-GEN3230			X	X
Competitive Employment Skills		A-GEN3240		X	X	X
Post-Grad Supported Employment		A-GEN3250				X+
Independent Living		A-GEN2210	X	X	X	X
Self Determination		A-GEN2340	X	X	X	X

TECHNOLOGY AND ENGINEERING		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
Design and Drafting	\$ 30 Fee	TEC4010	X	X	X	X
Wood Fabrication 1	\$ 20 Fee	TEC3010	X	X	X	X
Home Maintenance & Improvement (WCA)	\$ 30 Fee	TEC3020	X	X	X	X
Fundamentals of Construction	\$ 30 Fee	TEC3030		X	X	X
Wood Fabrication 2	\$ 30 Fee	TEC3040	X	X	X	X
Wood Fabrication 3	\$ 40 Fee	TEC3050		X	X	X
Wood Fabrication 4	\$ 40 Fee	TEC3060			X	X
Introduction to Engineering (PLTW)	\$ 30 Fee	TEC1010	X	X	X	X
Principals of Engineering (PLTW) – ES (Equivalent Science)	\$ 30 Fee	TEC1020		X	X	X
Civil Engineering & Architecture	\$ 30 Fee	TEC1040		X	X	X
Digital Electronics (PLTW) – EM (Equivalent Math)	\$ 20 Fee	TEC1030		X	X	X
Consumer Auto	\$ 20 Fee	TEC2010	X	X	X	X
Outdoor Power Equipment Technology	\$ 20 Fee	TEC2020	X	X	X	X
Automotive Technology 1 / Engine Systems	\$ 20 Fee	TEC2030	X	X	X	X
Automotive Technology 2	\$ 20 Fee	TEC2040		X	X	X
Automotive Technology 3	\$ 20 Fee	TEC2050			X	X
Automotive Technology 4 / Advanced Engines	\$ 20 Fee	TEC2060			X	X
Career Internship		CTE9040			X	X

*Course fees may be subject to change. You may be eligible for a fee waiver or reduction. The fee waiver request is included in the August online enrollment process under the socioeconomic status section. Your request will be reviewed by authorized school district personnel.

WORLD LANGUAGES		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
American Sign Language 1		FOR4010	X	X	X	X
American Sign Language 2		FOR4020	X	X	X	X
American Sign Language 3		FOR4030		X	X	X
American Sign Language 4		FOR4040		X	X	X
French 1		FOR1010	X	X	X	X
French 2		FOR1020	X	X	X	X
French 3		FOR1030	X	X	X	X
French 4		FOR1040		X	X	X
French 5		FOR1050			X	X
AP French Language		FOR1060			X	X
German 1		FOR3010	X	X	X	X
German 2		FOR3020	X	X	X	X

WORLD LANGUAGES		COURSE NUMBER	Recommended Grade Levels			
			09	10	11	12
German 3		FOR3030		X	X	X
German 4		FOR3040		X	X	X
AP German Language		FOR3050			X	X
Spanish 1		FOR2010		X	X	X
Spanish 2		FOR2030	X	X	X	X
Spanish 3		FOR2040	X	X	X	X
Spanish 4		FOR2050		X	X	X
Spanish 5		FOR2060			X	X
AP Spanish Language		FOR2070			X	X
AP Spanish Literature		FOR8080			X	X
Spanish Literature and Language Arts 1 (DLI)		FOR8050	X	X		
Spanish Literature and Language Arts 2 (DLI)		FOR8060	X	X		
Language and Community Engagement		FOR8095		X	X	X

ART

Drawing 1

ART2075

1/2 credit

Humanities
Grades 9-12

This introductory drawing course is designed to further develop student skills and creative thought processes through an in-depth study of various mediums and techniques. Students will create a wide variety of drawings using various mediums, and learn fundamentals like shading, still-life, portraiture, human anatomy, contour, shading, two-point perspective, grid and life drawing. Student experiences will include exploration of elements of art and principles of design, history and cultural applications, contemporary artists, careers, the art of critique and art appreciation.

Drawing 2

ART2080

1 credit

Humanities
Grades 10-12

Recommendation: Drawing 1

Students will get more involved in their ability to manipulate various mediums such as charcoal, pastel, and ink just to name a few. Opportunities will be given for students to sharpen their drawing skills and creativity while generating images from their experiences. Moreover, rather than drawing being offered as an end to itself, students will continue to create prints from their drawings using such techniques as dry-point, etching, and relief.

* A fee may apply for this course. See listing on pages 28 for more information.

Drawing 3

ART2090

1 credit

Humanities
Grades 10-12

Recommendation: Drawing 2

This course encourages advanced art studio pursuit per individual contact-based curriculum. Students will continue to explore their vision using various drawing and printmaking mediums, while focusing on series and developing a personal portfolio. This class will help the young artist expand not only their artistic abilities, but to attain a more professional quality in their work. * A fee may apply for this course. See pages 28.

Drawing and Prints 4

ART2150

1 credit

Humanities
Grades 12

Recommendation: Drawing 3

This course is designed for the advanced student trying to develop a personal portfolio for college admission. Much of the studio pursuit will be student directed on a contract-based curriculum. The young artist will aspire to build a body of work using multiple mediums to strengthen their portfolio from previous endeavors. * A fee may apply for this course. See listing on page 28 for more information.

Portfolio

ART9030

1 credit

Humanities
Grades 12

Recommendation: Drawing 4

This class is reserved for the serious artist who has aspirations of attending art school. It will allow students to seriously focus on their work and artistic production in order to create a portfolio which is required for acceptance to most art schools. The student will take slides and develop a coherent body of work that will span several art mediums to best express the student's abilities and direction.

Painting 1 - Acrylics

ART3015

1/2 credit

Humanities
Grades 9-12

This course will include study of elements of art and principles of design, history, cultural applications, contemporary artists, careers, the art of critique, and art appreciation. Student experience will include using a variety of painting techniques in media such as watercolor, tempera, and acrylic polymers [as well as] matting pictures, stretching and framing canvas. Students will study color theory, sketchbook research, portraiture, and still life.

Painting 2

ART3030

1 credit

Humanities
Grades 9-12

Recommendation: Painting 1

This course serves as an extension of previous painting classes. In this class, students may continue to explore traditional as well as modern painting mediums and techniques, such as acrylic, watercolor, and digital painting. Other topics may include: mixed media, portfolio creation, acrylic, watercolor, printmaking, and water-based oil. Advanced media applications in acrylic polymer and watercolor are introduced. Students continue to develop their painting skills and explore creative directions in their work. Experiences will include study of elements of art and principles of design, color theory, history, cultural applications, contemporary artists, careers, the art of critique, and art appreciation. * A fee may apply for this course. See page 28.

Painting 3

ART3040

1 credit

Humanities
Grades 11-12

Recommendation: Painting 2

This course encourages advanced art studio pursuit. Students are involved in developing their art curriculum, based on their area of interest and need. Creativity is stressed while continuing to improve technical skills. Students develop perseverance, problem solving, independent research, vocabulary, and oral speaking. This class resembles an artist community. * A fee may apply for this course. See listing on page 28.

<u>Painting 4</u>	ART3050	1 credit	Humanities Grade 12
<i>Recommendation: Painting 3</i>			
This course encourages advanced art studio pursuit. The emphasis is on creativity, problem solving, perseverance, whole brain thinking through continued skill building and practice of these skills. Students enhance their expertise and continue to develop their areas of interest. Independent research, vocabulary, oral speaking, perseverance and problem solving are also stressed. This case resembles an artist community. * A fee may apply for this course. See listing on page 28.			
<u>Art Metals 1</u>	ART5015	1/2 credit	Humanities Grades 9-12
This course will provide students with an introductory experience in the design and fabrication of jewelry and sculpture in semi-precious materials. By using metal as an art form students will learn to incorporate the elements and principles of design into their pieces while working with a variety of tools and processes. Basic studio skills such as proper care of tools and equipment, studio safety procedures and working vocabulary associated with a variety of techniques will be emphasized. A variety of methods will be explored, including but not limited to: sawing, filing, piercing, soldering, cold joining, texturing, enameling and making of chains. * A fee may apply for this course. See listing on page 28.			
<u>Art Metals 2</u>	ART5020	1 credit	Humanities Grades 10-12
<i>Recommendation: Art Metals 1</i>			
This course offers the advanced student instruction in new techniques such as glass bead making, cuttlebone and lost wax casting, cabochon stone setting, surface treatments, box making multi-joint soldering as well as other advanced techniques. Metallurgy and the study of precious and semi-precious stones will be covered. An increasing emphasis will be placed on original design and craftsmanship. * A fee may apply for this course. See listing on page 28.			
<u>Art Metals 3</u>	ART5030	1 credit	Humanities Grades 11-12
<i>Recommendation: Art Metals 2</i>			
This course emphasizes construction of utilitarian forms as well as sculpture and jewelry. Students will create hollow forms and learn techniques such as die-forming, raising, forging, chasing, and repousse. Advanced design skills and originality will be emphasized as students design a "series" of jewelry pieces. A demonstration of setting faceted stones in prong and tube settings will be given and students will have the option of incorporating these techniques into their designs. * A fee may apply for this course. See listing on page 28.			
<u>Art Metals - Advanced</u>	ART5040	1 credit	Humanities Grade 12
<i>Recommendation: Art Metals 3</i>			
This course encourages advanced studio pursuits for students who have successfully completed the previous 3 Metals courses. Students will create a piece of work for the Scholastic Art Awards competition, which challenges design and technical skills. Lapidary techniques will be introduced and students will grind, sand and polish a stone from scratch and incorporate it into a piece of their choice. Individual work and vision will be emphasized and careers in metals fields will be explored. * A fee may apply for this course. See listing on pages 30-36 for more information.			
<u>Ceramics and Sculpture 1</u>	ART4015	1/2 credit	Humanities Grades 9-12
The study of the ceramic arts provides opportunities to explore the expressive side of sculpture and the design and functional aspects of pottery. A variety of ceramic sculpture techniques will be taught and used by the student to creatively solve artistic problems presented in class. Training on the potter's wheel will focus on foundational pottery forms. Students will utilize finishing techniques and processes with attention to craftsmanship. Experiences will include elements and principles of design, history, cultural applications, contemporary artists, careers, the art of critique, and art appreciation. Students interested in solving three-dimensional artistic challenges which involve inventive thinking and direct involvement with a highly versatile material should consider this course. A fee may apply for this course. See listing on pages 30-36 for more information.			
<u>Ceramics and Sculpture 2</u>	ART4020	1 credit	Humanities Grades 9-12
<i>Recommendation: Ceramics and Sculpture 1</i>			
This course will build on the experiences, knowledge and techniques presented in Ceramics and Sculpture I. Students will have the opportunity to focus on wheel-thrown or hand-built ceramics as they work through a series of design problems. Students are encouraged to develop their inventive thinking, creativity and craftsmanship through vigorous involvement with the media to emphasize exploration of form, texture, and surface decoration while fostering personal expression and the development of a unique artistic style. An expanded investigation of ceramics will include historical, cultural and career elements while examining contemporary trends and artists.* A fee may apply for this course. See listing on pages 30-36 for more information.			

Ceramics and Sculpture 3

ART4030

1 credit

Humanities

Recommendation: Ceramics and Sculpture 2

Grades 11-12

In this course students will engage in a contract based instructor directed course of student. Students enrolling in this class should have a strong and consistent work ethic, advanced skill in numerous clay forming, decorating and glazing techniques, and the ability to be productive while working independently. At this level students will be expected to find and develop "personal voice" in their creative expression with an emphasis placed on effective communication of their thought processes. Students will also be introduced to glaze mixing and formulation and have opportunity to assist in the loading and firing of kilns. * A fee may apply for this course. See listing on pages 30-36 for more information.

Ceramics and Sculpture 4

ART4040

1 credit

Humanities

Recommendation: Ceramics and Sculpture 3

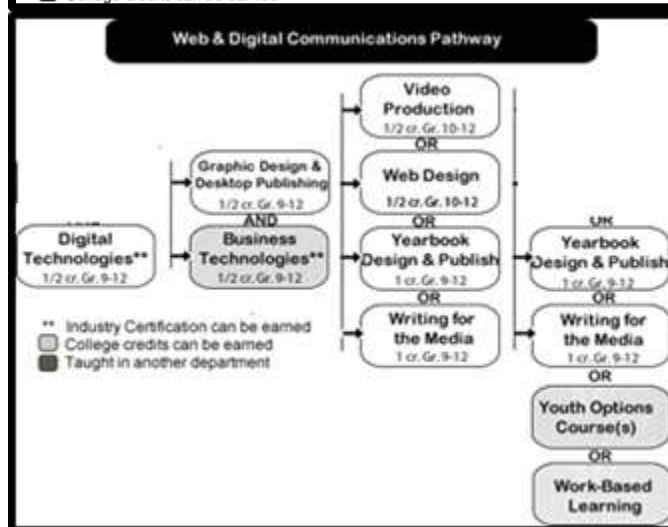
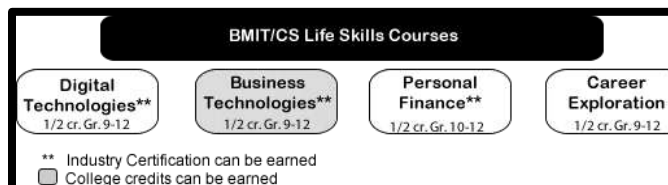
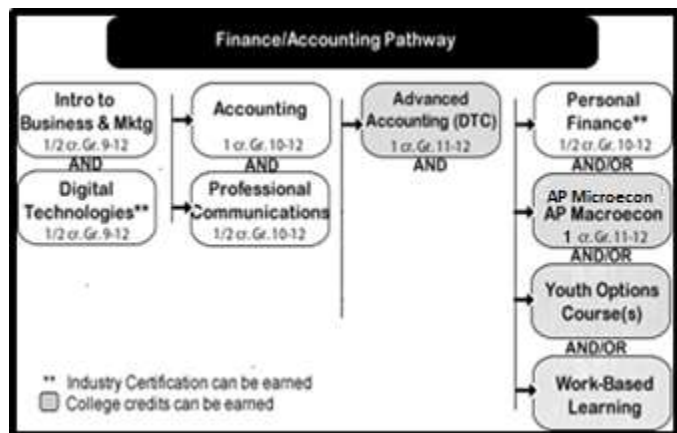
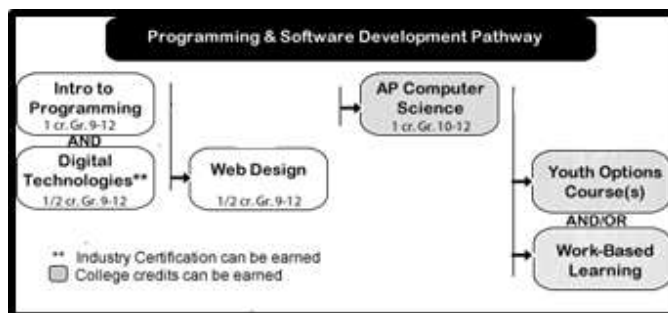
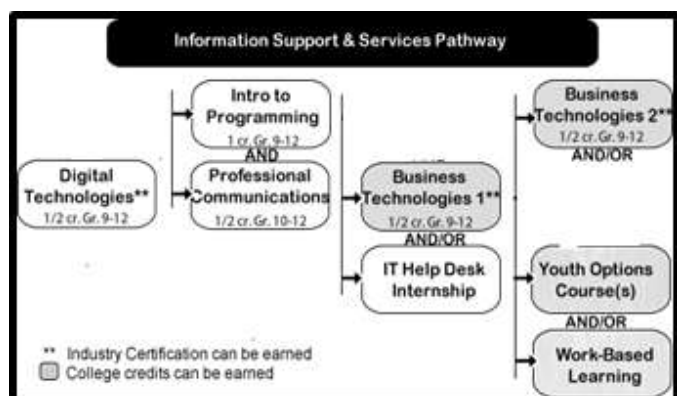
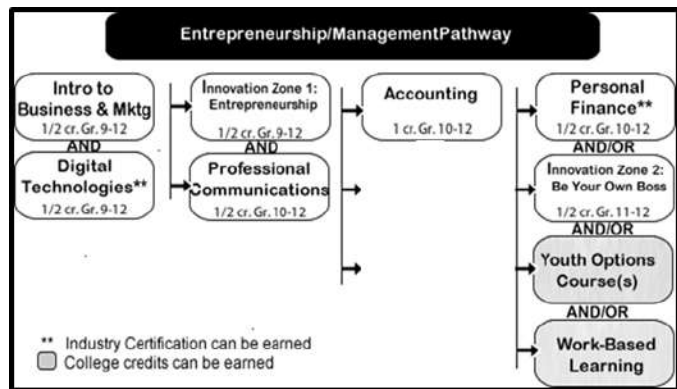
Grade 11-12

In this course students will engage in a contract based, self-directed, instructor mentored course of study and therefore must possess a wealth of conceptual ideas that can result in thought provoking finished forms. A student's acquired knowledge from all previous ceramics courses should be evident in an established "style", a well-developed aesthetic, and advanced critiquing, designing, crafting and glazing skills. Students should demonstrate fluency in their communicative ability using clay as their "language." Students are expected to have a very strong personal work ethic, an awareness of clay-working traditions as applicable to craft and fine art as well as a firm understanding of the transformation of wet clay to finished form. Students enrolling in this course will be required to participate in all aspects of their production process and should have identified ceramic arts as a "passion," possible lifelong hobby or the chosen major/minor for their college career. * A fee may apply for this course. See listing on pages 30-36 for more information.

BUSINESS, INFORMATION TECHNOLOGY / COMPUTER SCIENCE AND MARKETING EDUCATION

Statement for ALL course sequence maps:

These course sequence maps represent a suggested sequence of courses leading to capstone, work-based learning, and post-secondary experiences which will assist students in being as successful as possible after leaving high school. Although each student will personalize their experiences, the earlier a student begins this sequence, the more opportunities students will have to fully explore the educational and community options available. These sequences should be coupled with appropriate core courses, as well as life-skills and courses in a student's area of interest.



BUSINESS EDUCATION

Accounting

BUS2010

1 credit

Career & Tech Ed
Grades 10-12

Accounting is the key to opening the door to the business world and that is why it is called the "language of business." Every business in our society is impacted by accounting-based decisions. In addition, accounting is essential in many occupations as well as being useful in comprehending your personal finances. Understanding how accounting data is accumulated through the double-entry procedure and the reporting and basic analysis of this financial information are key outcomes of the course. Other topics covered include payroll, inventory, depreciation, and career exploration. This is an important college preparatory course for students planning to major in any area of business.

Advanced Accounting

BUS2030

1 credit

Career & Tech Ed
Grades 11-12

Recommendation: Accounting

Give yourself the competitive edge! Whether your post-secondary plans include education or going straight to the working world, Advanced Accounting is for the young professional who wants to understand "how" a business operates. Emphasis is given to the analysis and interpretation of financial activity, preparing and interpreting financial statements, and applying accounting theory in decision making. This class will prepare you to manage, report, interpret, and analyze financial data as well as help you to develop the skills necessary to understand the "story behind the numbers"!

Personal Finance

BUS2055

1/2 credit

Career & Tech Ed

Online Personal Finance

V-BUS2050

1/2 credit

Career & Tech Ed
Grades 10-12

Personal finance is one of the most useful classes you can take in order to prepare for your future! It is proven that poor financial decisions can lead to an accumulated debt spiral that will prevent you from saving and planning for a secure financial future. Learn to manage your personal financial affairs through real life applications. Areas of study include investing, banking, taxes, credit, acquiring insurance and loans, budgeting, and successful employment skills. Technology is infused throughout this course, with applications ranging from personal money management to preparation of income tax forms to evaluating investment options. Walk away from this class with the WISE Financial Literacy Certification. **This class fulfills the financial literacy graduation requirement.**

Law & Ethics

BUS3015

1/2 credit

Career & Tech Ed
Grades 10-12

What can you do if you've been tricked into a poor contract? Where would you take your lawsuit? How high up the court structure can your case go? Learn answers to these and other legal questions pertaining to both personal and business law applications. This course is designed to familiarize you with the basic legal principles relevant to your roles as citizens, consumers and employees. Content includes the origin of law, criminal and civil law, the court system, business ethics, basic elements of contracts, intellectual property, consumer laws, employer-employee relations, and environmental law. Emphasis throughout the course will be given to application of basic principles of law to everyday situations through case studies, possible field trips, and class discussion. You will also undertake a "mock trial" experience, which provides firsthand experience in a courtroom atmosphere.

Intro to Business & Marketing

BUS2065

1/2 credit

Career & Tech Ed
Grades 9-12

Knowledge is power and this course is perfect for introducing and preparing you to view the world in a whole new way. Through hands-on projects, guest speakers, and real-life activities, you will be exposed to concepts relating to our global economy and the economic way of thinking, types of business organizations, cultural traditions, competition, current business trends and developments, and basic marketing and business concepts.

AP Macroeconomics

BUS2085

1/2 credit

Career & Tech Ed

AP Microeconomics

BUS2095

1/2 credit

Career & Tech Ed
Grade 11-12

Advanced Placement Economics covers both micro and macro economic issues. Microeconomics provides instruction in each of the following areas: basic economic concepts, the nature and functions of product markets, factor markets, and market failure and the role of government. Macroeconomics provides instruction in each of the following areas: basic economic concepts, measurement of economic performance, national income and price determination, financial sector, inflation, unemployment, and stabilization policies, economic growth and productivity, open economy: international trade and finance. Students who elect to take AP Economics qualify to take the Advanced Placement exams in both Micro and Macro Economics in the spring of the year. Since Micro and Macro Economics are two distinct courses in college, doing well on those exams can equate to substantial money savings in the future. This is an excellent course choice for anyone, especially for those students who are interested in majoring in business at the collegiate level. Both courses qualify for the Global Scholars Program.

Professional Communications

BUS4075

1/2 credit

Career & Tech Ed
Grades 10-12

Communication is a skill set that is extremely important in the pursuit of academic and career success. Whether you are planning to go to work immediately upon graduation, attend a technical college, or go to a four-year university, communication skills are crucial. A survey of the top Fortune 500 companies indicates that strong communication skills accompanied by teamwork are the most important skills in job effectiveness. This course will incorporate project-based learning, professional presentations, and case studies. Various topics that will be covered in this course include corporate presentations, business and international etiquette, "netiquette", digital tools in business, communication strategies, and professional workplace procedures.

Career Exploration

BUS9015

1/2 credit

Career & Tech Ed
Grades 9-12

YOU'RE HIRED! Words everyone wants to hear when interviewing. Explore your career interests while learning how to accomplish your goals. In doing so, you will develop your resume, interviewing skills, and portfolio. Classroom discussions and activities relate to job attainment and advancement (promotions). Students in this course will begin progress toward the Wisconsin Employability Skills Certificate and the ACT WorkKeys exam leading to the National Career Readiness Certificate.

MARKETING EDUCATION**Marketing & Sales**

MRK1015

1/2 credit

Career & Tech Ed
Grades 9-12

What do Apple, ESPN, Twitter, Google, and Nike have in common? They are all successful marketers! Learn the skills and methods that have helped these companies to become some of the world's most recognized and celebrated brands. Marketing touches the lives of people on a daily basis as family members, consumers, and employees. This course will provide the opportunity for you to gain valuable marketing insight, knowledge, and skills in the processes and procedures that occur from the creation of a product/service to the consumption of those products/services by the consumer. You will explore the functions of marketing with a specific emphasis on promotion, selling, market research, distribution, and pricing.

Advanced Marketing

MRK1020

1 credit

Career & Tech Ed
Grades 11-12

Recommendation: One semester or more of marketing classes.

Advanced Marketing is designed to expand the concepts of Marketing and Sales if you are interested in a marketing career. Classroom focus is group instruction with the opportunity to apply "real-life" situations to the real world while working with the school based enterprise and local business partners. (Dual/transcripted credit is offered by Madison College with transfer possibilities to other colleges and universities.)

Advertising and Social Media

MRK1035

1/2 credit

Career & Tech Ed
Grades 9-12

Advertising and Social Media is designed to challenge you in analyzing topics related to advertising, social media, and customer service; as well as designing visual and digital media for real-life application. Classroom activities will showcase fun and challenging case studies that will provide a good understanding of many careers in business and marketing.

Sport & Event Management

MRK1045

1/2 credit

Career & Tech Ed
Grades 11-12

Billions of dollars are spent annually on sports and other forms of entertainment. This fascinating service area is a growing industry that employs advertising and promotion agents, personal assistants, sports agents, event planners, and many other professionals. You will apply the fundamental principles and concepts in sports and event management and develop critical thinking and decision-making skills through hands-on, real-world projects. Classroom instruction will be reinforced through guest speakers, case studies, and field trips.

Innovation Zone 1: Entrepreneurship

BUS4095

1/2 credit

Career & Tech Ed
Grades 9-12

Innovate! Explore! Take a Risk! Learn about the fascinating inner workings of being an entrepreneur. Learn about business, marketing, finance, management and more while you develop your own school based enterprise. Find your inner entrepreneurial spirit to someday be your own boss.

Innovation Zone 2: Be Your Own Boss

MRK1055

1/2 credit

Career & Tech Ed
Grades 11-12

Successful students will have completed Innovation Zone 1: Entrepreneurship with a "C" or better.

Recommendation: To be successful student must have one semester or more of marketing classes

If you are one of the seventy percent of all high school students who say they want to start their own business, this is the class for you! Expand on your knowledge from Innovation Zone: Entrepreneurship. Develop a startup business framework and learn from local entrepreneurs to work through problems you will encounter. Pitch your idea at a city-wide event.

Take Charge: Leading and Managing!

BUS4085

1/2 credit

Career & Tech Ed
Grades 12

Learn management and leadership skills that span across all functions of a business and your life. Current business and community topics and events will play a role in learning how the role of a manager/leader continues to evolve. In this class you will learn how to plan, organize and implement various management, supervisory, and leadership strategies and techniques to be truly successful!

INFORMATION TECHNOLOGY/COMPUTER SCIENCE**Web Design**

CMP4015

1/2 credit

Career & Tech Ed
Grades 9-12

Do you want to create your own personal place on the Internet to start an online business or personal social site? In this Web Design course, students will use a variety of design software to organize, create, publish, and manage a web site. Course content includes creating a variety of graphic elements including video, animations, rollover effects, backgrounds, and page images.

Digital Technologies

CMP1025

1/2 credit

Career & Tech Ed
Grades 9-12

A must-have course for all students who want to be successful in today's technology-driven world. You'll work in real-world environments and prepare for success in your high school years, college, or employment by using advanced concepts in word processing, spreadsheets, databases, desktop design, keyboarding, and presentations, as well as gain hands-on experience with the latest online and digital tools. You will also be exposed to emerging technologies and their practical use in education and beyond!

Bits & Bytes: Computer Media

CMP1045

1/2 credit

Career & Tech Ed
Grades 9-12

Like computers? Want to learn about the many areas of information technology through fun, real-world projects? You will explore programming, acoustical/sound manipulation, graphic design, web design and animation, multimedia, troubleshooting and support, along with basic network configuration. Career options in information technology (IT) will also be discussed. This course is the gateway to many other IT pathway courses.

Graphic Design and Desktop Publishing

CMP1055

1/2 credit

Career & Tech Ed
Grades 9-12

This course provides skill development in one of the fastest growing technology based industries, graphic design and prepress. Students will learn electronic procedures of designing/producing and editing publications using industry standard software (Adobe Creative Suite) and processes. Students will create, format, illustrate, design, edit/revise, and print publications. Proofreading, document composition/design, and communication competencies, along with digital photography and graphic design elements are also included. Skills learned in this class lend themselves towards many exciting careers.

Business Technologies 1

CMP4035

1/2 credit

Career & Tech Ed

Business Technologies 2

CMP4045

1/2 credit

Career & Tech Ed
Grades 9-12

Master the features of Microsoft Office and enjoy the benefits in both your academic and business careers. No matter what your career choice, you will be expected to have professional software application skills. In any business, time is money. People who know how to successfully use Excel, Word, PowerPoint, Publisher, and Access give themselves a competitive advantage in the job market. Advance your skills in up to three of the five areas of Microsoft Office each time you take this course. A valuable option available to you is the opportunity to become certified as a Microsoft Office Specialist (MOS). This MOS credential is globally recognized by colleges and the modern workplace and distinguishes an individual as qualified and knowledgeable in Microsoft applications. This course can be taken more than once to complete additional certifications. (Dual/transcripted credit is offered by Madison College with transfer possibilities to other colleges and universities.)

Video Production

CMP4075

1/2 credit

Career & Tech Ed
Grades 10-12

This course will teach students the basics of photography, camera functions, video editing, media analysis, and filmmaking. Students will work individually and in groups to write, shoot, and edit their own projects. Sample student projects during the semester include PSA's, commercials, short films, music video and news stories. Selected videos are screened during class throughout the semester to enhance the critique process. Students will work with the following software on desktop computers: Adobe Premiere Pro and Adobe Photoshop.

Introduction to Computer Programming

CMP2010

1 credit

Career & Tech Ed
Grades 9-12**Recommendation: Completion of Algebra 1**

An introductory course in computer programming which offers an exposure to a variety of programming environments. Students will learn how to approach a program and will learn about the basic formats used in programming. Skills learned in this course will give students a strong background to enter additional programming courses. Units of study could include problem solving, web design, introduction to programming, app inventor, data analysis, and robotics. Anyone with an interest in computer science and/or information technology is welcome.

AP Computer Science Principles

CMP4010

1 credit

Career & Tech Ed or Math
Grades 10-12**Recommendation: Intro. to Computer Programming**

In this course students will see how the principles of computer science allow people to change the world. Students will be introduced to the big ideas of computer science: Creativity, Abstraction, Data, Algorithms, Programming, Internet, and Impact. Students in this course prepare to take the AP Computer Science Principles exam in May, as well as the 'Create' and 'Explore' Performance Tasks. This course can count as a third credit of math toward state and district graduation requirements but is likely to count as Computer Science, not Math, for college admissions purposes.

AP Computer Science

CMP2020

1 credit

Career & Tech Ed or Math
Grades 10-12**Recommendation: Completion of Algebra 2-Tri, Intro. to Computer Programming or consent of instructor.**

This course uses the Java language and is comparable to an introductory programming course offered in colleges and universities. Students will deepen their understanding of the basic programming structures and techniques. Students who have taken this course have often gone on into careers in computer related fields, although anyone with an interest in programming is welcome. This course will prepare students to take the Advanced Placement Computer Science exam.

Career Internship

CTE9040

1 credit per Sem

Career & Tech Ed

Application process required--see counselor for more information

(2 credits max)

Grades 11-12

Junior or senior status. On track for high school graduation and completion of technical-related courses within the local high school.

GET PAID*, RECEIVE CREDIT AND GAIN EXPERIENCE. Couples classroom learning with valuable, on-the-job work experience in a field related to the student's career interest. Build decision making and leadership skills while applying classroom knowledge in a real and career specific setting. Previous internship placements have included: Engineering, Construction, Culinary Arts, Medical, Dentistry, Information Technology, Accounting, Finance, Marketing, Interior Design, Journalism, and Criminal Justice/Law Enforcement to name just a few. A great resume enhancer and conversion piece during your next job interview and/or scholarship application. At the time of course completion and on the job hours, students may be eligible to be awarded a State Certified Employability Skills Certificate or other Skills Certificate.

State Skills Co-Op***Application process required--see counselor for more information****Junior or senior status. On track for high school graduation and completion of technical-related courses within the local high school.**

State Skills Co-op offers high school juniors and seniors a course of study that combines learning in school with learning on the job and getting paid for it. Students learn technical and employability skills validated by business and industry representatives in cooperation with high school, technical college and university instructors. The student attends high school part of the day, taking coursework related to his/her field of interest, and works part of the day. Current Co-op Programs offered include: Business, Marketing, & Information Technology, Family & Community Services, Food Service, Construction, Electronics, Health Science, Child Care Teacher ***Industry Certification**

Youth Apprenticeship**Application process required--see counselor for more information****Junior or senior status. On track for high school graduation and completion of technical-related courses within the local high school.**

Youth Apprenticeships (YA) are opportunities for juniors or seniors to start preparing for a career while still in high school. One and two-year programs combine rigorous academic preparation, relevant occupational instruction, and paid work-based learning from an employer. You will attend regular classes in your high school, in addition to technical-related classes at Madison College or some other central site. You will work an average of 12-15 hours per week. These hours may be obtained during the summer along with during the school year, and may or may not be during the school day. Students are responsible for transportation and other course supplies and materials. Current YA Programs offered include: Auto Technician, Biotechnology, Construction, Finance & Accounting, Health Services, Culinary/Hospitality/Tourism, Information Technology, and Pharmacy Technician ****College Credit**

DUAL LANGUAGE IMMERSION

Spanish Literature and Language Arts 1

FOR8050

1 credit

For Lang
Grades 9-10

Recommendation: Participation in DLI program or meets minimum Spanish proficiency level for course

This course, in alignment with the Common Core State Standards, emphasizes reading, understanding, and reacting in writing to literature written in Spanish. In this course students will build upon prior knowledge of grammar, vocabulary, word use and the mechanics of writing. They will develop and apply this learning through the four skill domains of reading, writing, listening and speaking through linguistically and culturally authentic tasks. In this course, students will be introduced to literary genres through texts written in Spanish for a Spanish speaking audience from a range of historical eras and geographical contexts. This course is designed for students enrolled in the district's dual language immersion and developmental bilingual programs. Other interested students should consult with guidance counselor prior to registering for this course.

US History in Spanish

SOC6070

1 credit

Soc Stds
Grade 9

Recommendation: Participation in DLI program or meets minimum Spanish proficiency level for course

This course is taught in Spanish and is designed for bilingual learners. The course emphasizes active and critical exploration of history covering the period from the Civil War through WWII. Analysis of primary sources will introduce students to the voices of people who make history. Through classroom discussion, experiential activities and individualized research, students explore patterns of change, the continuity of ideas and defining turning points in US History. Students use the central concepts of capitalism, democracy, equality and justice as a backdrop in their investigation of the following topics: the rise of industrialization, organized labor's response, the immigrant experience, the struggle for racial equality, and the emergence of the U.S. as a world power following the Great Depression and the two world wars. An additional focus of this course is to improve students' writing, reading and discussion skills in Spanish and in alignment with the Common Core State Standards. This course is designed for students enrolled in the district's dual language immersion and developmental bilingual programs. Other interested students should consult with guidance counselor prior to registering for this course.

Spanish Literature and Language Arts 2

FOR8060

1 credit

For Lang
Grades 9-10

Recommendation: Completion of Spanish Literature and Language Arts 1 or meets minimum Spanish proficiency level for course.

Students in this course will develop Spanish grammar, usage, and fluency through a variety of contexts. Extensive reading, vocabulary building, and grammar practice develop greater student fluency and prepare students for an AP Spanish course. The course is conducted exclusively in Spanish and will help students refine their communication skills in past, present, and future tenses. This course is designed for students enrolled in the district's dual language immersion and developmental bilingual programs. Other interested students should consult with guidance counselor prior to registering for this course.

World History in Spanish

SOC6080

1 credit

Soc Stds
Grade 10

Recommendation: Participation in DLI program or meets minimum Spanish proficiency level for course

This course is taught in Spanish and is designed for bilingual learners. The course challenges students to explore the historical events, geographical forces of change, intellectual revolutions and cultural traditions that shaped the modern world. As students examine the changing political, social and economic institutions in Asia, Africa, Europe and the Americas over time, they will discuss international issues and explore solutions to world problems. While developing an understanding and appreciation for the world's diversity, students will become critical thinkers by developing inquiry and discussion skills. This course is designed for students enrolled in the district's dual language immersion and developmental bilingual programs. Other interested students should consult with guidance counselor prior to registering for this course.

Ethnic Studies in Spanish

SOC6095

1/2 credit

Soc Stds
Grades 11-12

Recommendation: Participation in DLI program or meets minimum Spanish proficiency level for course

This course examines ethnicity and identity in modern-day America, exploring topics of power, prejudice, intersectionality, and organizing for positive change. Students will explore these issues from a historical perspective (how have historical ideas about ethnicity and difference shaped our identities?), a sociological perspective (how do our differences and similarities shape how we act and interact?), a civic perspective (how does identity connect to a sense of belonging and access to power?), and a cultural perspective (how do we express our identities through art?). Students will engage in a variety of research methods, including interviews, close reading of challenging texts, field observations, and art analysis. Students will produce a variety of texts including an ethnographic study, a formal research paper, and an oral history podcast presentation. This course is offered in English for 11th and 12th grade students and in Spanish as part of the Dual Language Immersion Social Studies track (recommended for DLI 11th graders). This course qualifies for the Global Scholars Program.

Latin American Studies in Spanish

SOC7015

1/2 credit

Soc Stds
Grades 11-12

This course is designed for students enrolled in the district's dual language immersion and developmental bilingual programs. Other interested students should consult with guidance counselor prior to registering. The course covers pre-Columbian Indigenous societies, the period of Spanish conquest and rule, the struggle for independence, and the current efforts to modernize and stabilize the wide variety of Latin American nations. The course will be taught entirely in Spanish and will include primary source and current event analysis, formal research and academic writing, guest speakers, and in-class discussion. This course qualifies for the Global Scholars Program.

AP Spanish Language

FOR2070

1 credit

For Lang
Grades 11-12**Recommendation: Spanish 4**

AP Spanish is a continuation of the Spanish program with focus on refining all skills of listening, speaking, reading, and writing. There is a greater emphasis on discussion and conversation in Spanish, and the classes will rely on a variety of resources, including textbooks, literature, video, and online content. Students who enroll in the AP level course will also practice for the AP Spanish Language exam. This course is conducted entirely in Spanish. Access to a cassette recorder is required for AP practice exams.

AP Spanish Literature & Culture

FOR8080

1 credit

For Lang
Grades 11-12**Recommendation: Spanish 5 or AP Spanish Language**

The high school AP Spanish Literature course, conducted entirely in Spanish, is comparable to an intermediate college level class and prepares students for the AP Spanish Literature & culture Exam. Students are expected to use Spanish exclusively in class. The curriculum is designed according to the College Board AP Spanish Literature Course Requirements. The course will introduce students to an extensive required reading list of stories, novels, poetry, drama and essays from Spanish, Latin American, and United States Hispanic literature. Students will gain greater competence not only in Spanish language and literature but also in social, environmental, and cultural issues. Students who elect this class will be expected to complete some summer work and possibly attend "book club" sessions to allow for completion of all required readings. This course qualifies for the Global Scholars Program.

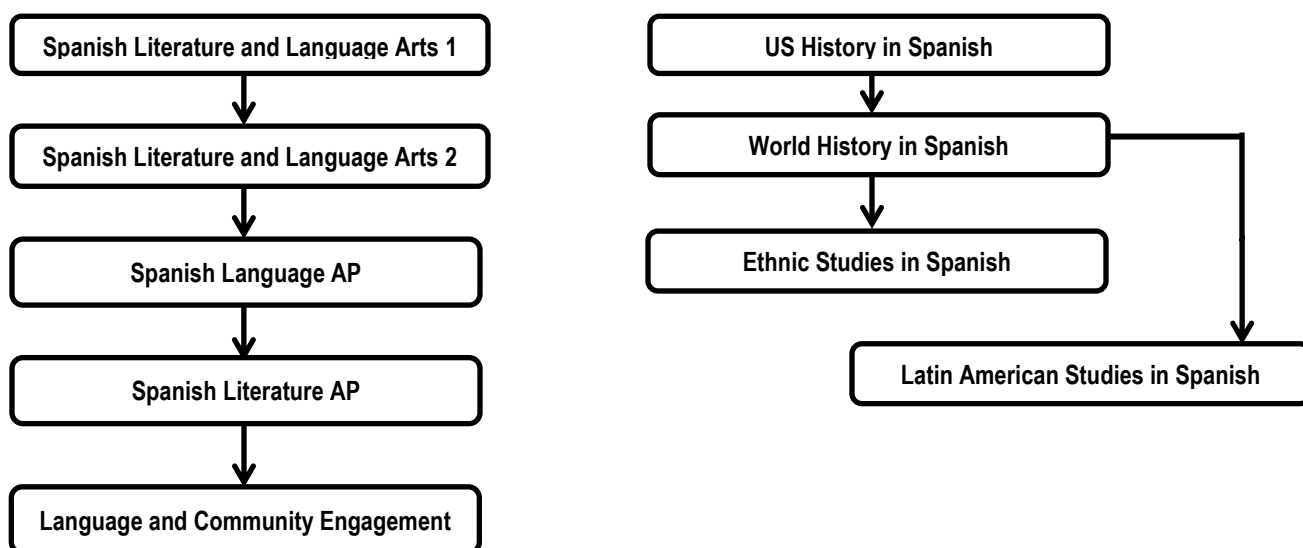
Language and Community Engagement

FOR8095

1/2 credit

For Lang
Grades 10-12

Students who have studied a language in school or are heritage speakers will have the opportunity to continue their language study in an individualized way with an emphasis on using the language outside of a classroom setting and in the local and global community. Students will also be able to pursue the Seal of Biliteracy through this coursework. Through opportunities for engagement in the target language, students will explore individualized cultural areas of interest. Opportunities to engage in language use and exploration outside of the classroom will be a major focus. The course will culminate in a student-led project that reflects the semester's learning.

Recommended Dual Language Immersion Course Sequence

ENGLISH

Four years of English are required of all students.

English 1

ENG1010

1 credit

English
Grade 9

In this year-long course, students build on their learning from grade 8 as they develop their skills and understandings from the Common Core State Standards grades 9-10 band. Reading, discussing, and writing in response to high-quality, high-interest literary and informational texts develop students' ability to synthesize ideas within and across texts, analyze the choices authors make, use knowledge of language and its conventions, acquire and use vocabulary words, and foster the joy of reading. Using collaborative discussions and activities enables students to understand the importance of considering various perspectives. Students write for a variety of purposes and audiences, using the writing process and technology to create and publish narrative, informative/explanatory, and argument texts.

Extended Literacy

EXTLIT1010

1 credit

Elective
Grade 9

This 9th-grade course is a companion for English 1. Students in Extended Literacy experience pre-teaching, re-teaching and extra practice with skills presented in English 1, aligned to the Common Core State Standards. Students are selected for this course in the spring by a committee based on individual assessment results.

English 1 Honors

ENG1020

1 credit

English
Grade 9

Honors English 1 parallels the core curriculum with greater rigor. A course that receives an honors designation has expectations for students that are measurably broader, deeper, and/or more complex in comparison to its standard course.

English 2

ENG1040

1 credit

English
Grade 10

In this year-long course, students continue to develop their skills and understandings from the Common Core State Standards grade 9-10 band. Students engage with both literary and informational texts to hone their ability to read, write, and think critically about the course's themes and topics while engaging in both collaborative work with their peers as well as independent work. Students write shorter and extended texts in the modes of narrative, informative/explanatory, and argumentative texts, leveraging technology, the research process, and the writing process to develop and publish writing.

English 2 Honors

ENG1050

1 credit

English
Grade 10

Honors English 2 parallels the core curriculum with greater rigor. A course that receives an honors designation has expectations for students that are measurably broader, deeper, and/or more complex in comparison to its standard course.

AP Seminar

ENG9960

1 credit

English
Grade 10

AP Seminar is an interdisciplinary course that encourages students to demonstrate critical thinking, collaboration, communication, and academic research skills on topics of the student's choosing. Developing and practicing these skills will prepare students for academics, careers, and the real world. They will investigate topics in a variety of subject areas, write research-based essays, and design and give presentations both individually and as part of a team.

Skills students learn:

- Reading and analyzing articles, studies, and other texts
- Gathering and combining information from sources
- Viewing an issue from multiple perspectives
- Crafting arguments based on evidence

English 3

ENG1070

1 credit

English
Grade 11

English 3 is a survey of American literature including contemporary short stories, poetry, drama, nonfiction and novels. Throughout the course, students will write several essays in response to argumentative, narrative and informational texts. Students will write for a variety of audiences and purposes, including journals, essays, and personal narratives. Students will also continue to develop impromptu writing skills and research techniques. Selected texts will include a variety of 19th, 20th, and 21st century authors, including but not limited to The Perks of Being a Wallflower and The Crucible.

English 3 Honors

ENG1080

1 credit

English
Grade 11

See English 3. Starting with the same basic course, the survey is more intensive, demanding more individual interpretation and initiative required. Students will write journals, essays, personal memoir, and a research paper.

AP Language & Composition

ENG2010

1 credit

English
Grade 11

AP Language and Composition is a writing-intensive course in American Literature and current events, focusing primarily on non-fiction: autobiography, essays, articles, speeches, and so on. The intent of this course is to offer a more rigorous alternative to English 3 Honors, and to prepare students to take the AP Language and Composition test in the spring. Students will become proficient in reading and understanding rhetoric, and writing in the different genres of non-fiction, such as the persuasive essay and the personal narrative. Required reading will be chosen from the following list: Thoreau's *Walden*, Fitzgerald's *The Great Gatsby*, Miller's *The Crucible*, O'Brien's *The Things They Carried*, Noah's *Born a Crime*, Gaines' *A Lesson Before Dying*, Bryan Stevenson's *Just Mercy*, and essays by Emerson, Toni Morrison and Louise Erdrich. One summer reading book and paper may also be required.

English 4

ENG1110

1 credit

English
Grade 12

The English 4 curriculum includes reading and writing narrative and informational texts. In addition students will study *The Kite Runner* and other dramatic literature and their timeless themes. For another unit, students will choose from various current novels from which they will make meaningful connections and gain a greater understanding of the human experience. To conclude the year, we will be reading and writing science fiction. Writing experiences will include argumentative narrative and informational research. With an emphasis on supporting claims with relevant evidence, students will collaborate to complete various projects and presentations.

AP Literature and Composition

ENG3010

1 credit

English
Grade 11-12

Advanced Placement Literature and Composition will engage students in the careful reading and critical analysis of imaginative literature. Students will consider structure, style, themes, figurative language, imagery, symbolism, and tone. The course will include intensive study of representative works from various genres and periods; reading will be both wide and deep. Writing in AP Literature and Composition reinforces reading. It will include attention to developing and organizing ideas in clear, coherent, and persuasive language, a study of the elements of style, and emphasis on precision and correctness. This course will prepare students to take the Advanced Placement exam.

Creative Writing

ENG2025

1/2 credit

English
Grades 10-12

Creative writing is an English elective where imaginative writers will have the chance to explore poetry, nonfiction, drama, and fiction writing in greater depth. Students will read flash pieces and short stories, listen to spoken word poets, and watch and read plays. The class is split into days of reading creative pieces, exploring how these pieces are crafted, and times of exploratory writing and creative writing revision. Students will read each other's work and learn to offer thoughtful analysis of one another's writing.

Creative Writing Advanced

ENG2035

1/2 credit

English
Grades 10-12

This course will provide creative writers time to work on their own projects and receive critical feedback from their peers. After brief surveys of autobiography, fiction and poetry, students will read and write in one genre. Weekly workshops will be integrated into the class. Drama and novel writing are other possible projects.

Writing for Media & Pub.

ENG2050

1 credit

English
Grades 10-12

ARE YOU INTERESTED IN JOURNALISM? Acting like a true journalist gives this class a genuine and unique feel. Learning newspaper and advertising design, successful interviewing skills, building journalistic writing skills and working under a business-like, deadline-oriented atmosphere are just a few aspects of this class. Students will learn to quickly and effectively work under pressure, how to think critically and objectively, and other essential characteristics that are needed in all careers. In addition, students will also learn about current events and critically examine media bias and representation. Those interested in editor positions may apply and take the class for the entire school year.

Yearbook Design & Publishing

CMP1060

1 credit

Elective
Grades 9-12

This course is a one-credit course driven by student decision-making along with rigorous curriculum to learn industry standard software packages, production processes and deadline achievement. The focus is producing a quality yearbook for the student body that is inclusive of the entire school community and that captures the spirit of the school community. Students will learn to write concise body copy and captions as well as to operate various desktop publishing software packages. In addition, students are introduced to marketing and advertising principles to make their published work a success. This course is great for those students who work well independently and within a team environment. Be influential in many decisions made about the creation and design of the yearbook.

Public Speaking

ENG6015

1/2 credit

English
Grades 10-12

This speech course will help students learn how to organize their thoughts and speak clearly in both informal and formal presentations. While some of the speeches are delivered in an impromptu or casual style, most are carefully researched and prepared using strategic organizational strategies and a formal outline. Students will have experience giving many different types of speeches to their classmates. The teacher will make careful critiques of the speeches and will hold conferences with students regarding the speeches performed during the semester. As a result of taking Public Speaking, students improve their articulation, poise, eye contact, gestures, organization of ideas, confidence and ability to effectively communicate in various situations.

Film Studies

ENG4015

1/2 credit

English
Grades 10-12

Students are introduced to film history and criticism as they carefully examine great movies from the 1920s to the present. Students begin to develop their skills and understandings from the Common Core State Standards grades 11-12 band, recalling and practicing those developed from the 9-10 band. Students hone their abilities to read, write, and think critically while engaging in collaborative work with their peers that provides opportunity to practice speaking, listening, and vocabulary acquisition and use. Each week, students will watch two famous and influential movies from a particular decade, discuss the films, and write argumentative journals. The final project for this course will be an essay on a director of the student's choice or an analysis of the themes of a particular decade.

Literature of a People-Rising Up

ENG3175

1/2 credit

English
Grades 10-12

This intermediate level course will explore literature and drama that focuses on marginalized voices struggling to rise up against established authority. Through the study of a wide variety of genres--spoken word poetry, speeches, plays, novels, essays, graphic novels, and hip hop--students will critically interpret themes revolving around power, oppression, justice, culture, assimilation, and identity. Student work will involve close reading, personal creative expression through narrative, poetry, music, plays, and/or spoken word, and literal and lyrical analyses.

Intro to College Reading (DTC)

ENG7515

1 credit

English
Grade 12

This course focuses on enhancing college reading and study techniques and offers students extended practice in applying these strategies to a variety of college level materials. Emphasis will be given to developing the critical thinking and reading skills necessary to be successful college readers. Topics covered will include identifying main ideas and supporting details, highlighting and annotating text, summary writing and making inferences. This class is designed to prepare students for most college-level classes and prepare students for writing in many career fields. Successful completion of this course does allow the opportunity for both high school and Madison College credit (dual/transcripted credit). Recommended to be taken with Intro to College Writing.

Intro to College Writing (DTC)

ENG3235

1 credit

English
Grade 12

While assuming competence in basic paragraph and essay structure, Introduction to College Writing also reinforces principles of composition that employ critical thinking for writing and develops grammatical competence and writing style. Through multiple revisions and workshops, students will acquire writing process awareness, self-advocacy skills for understanding and managing assignments, and information literacy skills to prepare students for college reading and writing. This class is designed to prepare students for most college-level classes and prepare students for writing in many career fields. Successful completion of this course does allow the opportunity for both high school and Madison College credit (dual/transcripted credit). Recommended to be taken with Intro to College Reading.

SPECIAL EDUCATION ENGLISH

***These courses are available to students who have an IEP. Courses are selected by IEP teams and case managers. These courses meet graduation requirements but typically offer curriculum that does not meet 4 year college requirements.

Life Skills Reading

A-RDG1240

1 credit

English
Grades 9-12

This course is designed to improve student's skills at reading, writing, speaking, and listening. It includes units that cover reading and writing for students who function at the 8th percentile or lower and need curriculum based upon practical situations of the adult world, as well as reading and writing for leisure enjoyment.

Reading Fundamentals

A-RDG1250

1 credit

English
Grades 9-12

Reading Fundamentals is a literacy class designed to increase basic reading and writing skills. Students focus on increasing their list of recognized sight words, decoding skills, recalling information from text, improving handwriting legibility, and word choice.

Literature Fundamentals

A-ENG3200

1 credit

Elective
Grades 9-12

This class will focus on engaged reading and writing, using primarily student-selected literature and topics. Students will read at their level and at their own pace to develop a sense of independence and competence. Students will read widely across genres, and literature featuring authentic representations of diversity will have a prominent place in the classroom. Students will write extensively by journaling, responding to reading, and writing informational and argumentative texts. All of these tasks will support college, career, and community readiness.

ENGLISH AS A SECOND LANGUAGE

The ESL/Bilingual Programs offers courses in English as a second language, social studies, science and math to students in grades 9 – 12 on the basis of English language proficiency. These courses may not be selected without permission from the ESL department.

English Fundamentals

ENG1290

1 credit

English
Grades 9-12

This year-long course, designed for newcomer English language learners in grades 9 - 12, is the equivalent of English 1. The curriculum focuses on English language acquisition in the four domains of reading, writing, listening, and speaking referencing the CCSS for English/Language Arts as well as WIDA's English Language Development Standards. Students use adapted and authentic texts including textbooks, leveled readers, informational, and literary texts to develop literacy and discussion skills in English. An emphasis on organizational and study skills necessary for success in American high schools is included. This course qualifies for the Global Scholars Program.

Intermediate English

ENG1300

1 credit

English
Grades 9-12

Recommended for ELP levels 1.5-2.5

This year-long course, designed for intermediate English language learners in grades 9 - 12, is aligned to the scope and ELA standards of English 2. The curriculum focuses on English language acquisition in the four domains of reading, writing, listening, and speaking referencing the CCSS for English/Language Arts as well as WIDA's English Language Development Standards. Students use adapted and authentic texts including textbooks, leveled readers, informational, and literary texts to improve their ability to read, write, and think critically about the course's themes and topics. Students develop literacy and discussion skills while engaging in both collaborative work with their peers as well as independent work. Students create shorter and extended writing in the modes of narrative, informative/explanatory, and argumentative texts while leveraging technology, the research process, and the writing process to develop and publish writing. An emphasis on organizational and study skills necessary for success in American high schools is included. This course qualifies for the Global Scholars Program.

Advanced English

ENG1270

1 credit

English
Grades 9-12

Recommended for ELP levels 2-3

This year-long course is designed for Advanced English learners in grades 9-12 with English language proficiency between 2.5-3.5 in the area of literacy, is aligned to the scope and ELA standards of English 3. The curriculum focuses on English language acquisition in the four domains of reading, writing, listening, and speaking referencing the CCSS for English/Language Arts as well as WIDA's English Language Development Standards. Students use adapted and authentic texts including textbooks, leveled readers, informational, and literary texts to improve their ability to read, write, and think critically about the course's themes and topics. Students develop literacy and discussion skills while engaging in both collaborative work with their peers as well as independent work. Students create shorter and extended writing in the modes of narrative, informative/explanatory, and argumentative texts while leveraging technology, the research process, and the writing process to develop and publish writing. An emphasis on organizational and study skills necessary for success in American high schools is included. This course qualifies for the Global Scholars Program.

English for Academic Success

A-ENG1280

1 credit

English
Grades 9-12

Recommended for ELP levels 3-4

This course focuses on reading grade-level books with support. Students will read a variety of texts from around the world as they learn reading and writing strategies. Students will learn to discuss, write about, and appreciate various forms of literature. Additionally, students will learn vocabulary and practice advanced grammar that typically gives ELLs difficulty. This class is recommended for students who are mostly included in the mainstream environment, but wish to have additional language support as they continue to improve and use English in the academic environment. This course qualifies for the Global Scholars Program.

Math Fundamentals

A-MAT1210

1 credit

Math
Grades 9-12

Recommended for ELP Level 1

This course is designed to bridge the gap in math skill development from Middle School to High School Algebra. The CCSS Mathematical Practice Standards are applied throughout this course. The WIDA Language standards for Mathematics are used for this course.

<u>Algebra 1</u>	A-MAT1010	1 credit	Math
Recommended for ELP levels 1-3			Grades 9-12
In this course, students will practice applying mathematical ways of thinking to real world issues and challenges. Topics include: systems of linear equations and inequalities, linear, exponential, and quadratic relationships, and introductory statistics. Students will be challenged to think and reason both critically and mathematically by exploring multiple methods to solve real world problems. This course emphasizes mathematical modeling to analyze situations, and understand them better in order to make decisions. This course is aligned to the Common Core State Standards (CCSS) and follows the Traditional Pathway, as outlined in Appendix A. The CCSS Mathematical Practice Standards are applied throughout this course. The WIDA Language standards for Mathematics are used for this course.			
<u>Geometry</u>	A-MAT2010	1 credit	Math
Recommended for ELP levels 2-3			Grades 9-12
The purpose of this geometry course is to understand the attributes and relationships of geometric figures which can be applied in diverse contexts. Topics include, but are not limited to, congruence, similarity, right triangle trigonometry, geometric properties of figures, modeling, probability, transformations and constructions. Geometry is devoted primarily to plane Euclidean geometry, studied with and without coordinate systems. This course is aligned to the Common Core State Standards (CCSS) and closely follows the Traditional Pathway, as outlined in Appendix A. The CCSS Mathematical Practice Standards are applied throughout this course. The WIDA Language standards for Mathematics are used for this course.			
<u>Algebra 2/Trigonometry</u>	A-MAT3010	1 credit	Math
Recommended for ELP levels 2-3			Grades 10-12
The skills and concepts of Algebra I will be expanded and extended in this course. The course includes the study of linear, quadratic, exponential, logarithmic, and other functions to investigate relationships that can be modeled with such functions. Students will be introduced to complex numbers and trigonometric relationships will be explored. The pace of the course is designed to help students spend more time on skill development. A graphing calculator is required to be used as a tool for understanding. This course is recognized as a third year of math by colleges looking at applicants and the CCSS Mathematical Practice Standards are applied throughout. The WIDA Language standards for Mathematics are used for this course.			
<u>US History</u>	A-SOC1010	1 credit	Social Studies
Recommended for ELP levels 1-3			Grades 9-12
US History 9 is a comprehensive course that provides students with a survey of the history of the United States, examining time periods from Reconstruction through the World War II era. Students will explore the following questions: What influences policy? How does change happen? How is power gained and maintained? How do race, class and gender shape the American experience? And, what is my role in society? Within each unit, students will build their historical thinking, reading, and writing skills. The WIDA Social Studies standards are utilized throughout this course.			
<u>World History - Overview</u>	A-SOC2010	1 credit	Social Studies
Recommended for ELP levels 1-3			Grades 9-12
World History –Overview challenges students to explore the historical events, geographical forces of change, intellectual revolutions and cultural traditions that shaped the modern world. As students examine the changing political, social and economic institutions in Asia, Africa, Europe and the Americas over time, they will discuss international issues and explore solutions to world problems. While developing an understanding and appreciation for the world's diversity, students will become critical thinkers while developing inquiry and discussion skills. This course utilizes the WIDA Social Studies standards.			
<u>Modern US History</u>	A-SOC1045	1/2 credit	Social Studies
Recommended for ELP levels 2-3			Grades 11-12
This course will focus on important topics in recent American History, including the Civil Rights Movement, other social movements for equality, the Cold War, and the role of the US in the world. The course will be taught through, films, readings, discussions, and small group activities. This course utilizes the WIDA Social Studies standards. This course qualifies for the Global Scholars Program.			
<u>Social Issues</u>	A-SOC4015	1/2 credit	Social Studies
Recommended for ELP levels 2-3			Grades 11-12
Social Issues is a course focused on current events in our society. Students will explore many perspectives on controversial issues and participate in discussions and debates. Issues addressed may include: gun control, crime, immigration, women's health, climate change, drug use, etc. The course will be taught through, films, readings, discussions, and small group activities and will support students beginning and continuing to learn English utilized the WIDA Social Studies Standards.			
<u>Biology</u>	A-SCI1030	1 credit	Science
Recommended for ELP levels 1-3			Grades 9-12
This is a laboratory-oriented course where students will be actively involved in investigating biological concepts and processes. Students will study the processes of science, biological chemistry, the cell, plant and animal structure and function, introductory genetics, animal kingdom, evolution and ecology. This course will support students beginning to learn English.			

Chemistry

A-SCI3030

1 credit

Science

Recommended for ELP levels 1-3

Grades 9-12

This class is designed for English language learners at English language proficiency levels 2 and 3. Students learn Chemistry while improving oral and written English language skills. Chemistry topics will learn include: atomic structure and reactions, mass and energy relationships in chemical reactions, periodic arrangement of elements, reactions of acids and bases, and the nature of chemical bonding. Student understanding is developed through lab experiments and group work involving critical thinking skills and problem solving.

Physics

A-SCI2030

1 credit

Science

Recommended for ELP levels 2-3

Grades 10-12

This class is designed for English language learners at English language proficiency levels 2 and 3. Students learn Physics while improving oral and written English language skills. Topics investigated in the course include: motion, Newton's laws, gravity, momentum, energy and others as relevant to student interest. In physics, students will inquire about the world and apply skills in observation, experimentation, and reasoning in order to construct explanations of natural phenomena.

Health

A-PHY1035

1/2 credit

Health

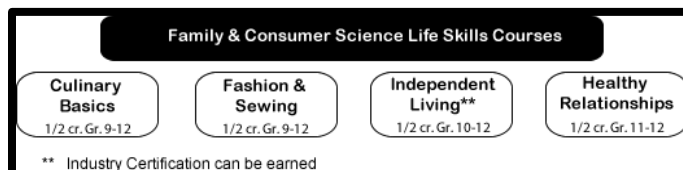
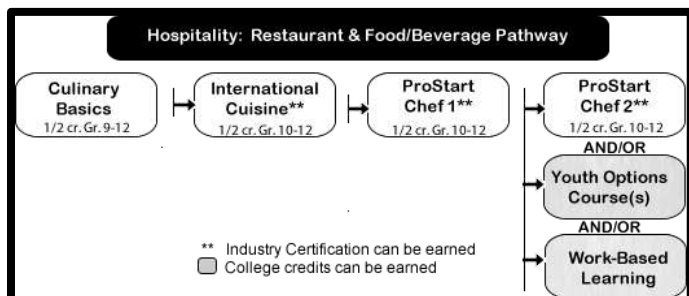
Recommended for ELP levels 1-3

Grades 10-12

The health course is designed to improve knowledge and attitudes in ways that facilitate decision making and positive health behaviors. Course curriculum focuses on overall wellness. Course content includes: physical health, fitness and nutrition, mental health, alcohol and other drugs, and human growth, development and sexuality.

FAMILY AND CONSUMER SCIENCE

CULINARY



Culinary Basics

FCS1015

1/2 credit

Career & Tech Ed
Grades 9-12

This course is for students who want to learn food preparation techniques. Units of study include: nutrition, safety and sanitation, proper use of equipment, etiquette, and menu planning. Teamwork is emphasized so you will enjoy working in kitchen labs and will develop a love of fresh healthy food. *May be repeated for credit.* * A fee may apply for this course. See listing on pages 30-36 for more information.

International Cuisine

FCS1025

1/2 credit

Career & Tech Ed
Grades 10-12

Recommendation: Culinary Basics

Explore the food and hospitality industries as you study like a chef. Learn proper and safe, advanced, gourmet cooking techniques. Units include: preparing healthy food in sanitary kitchen-labs; professionalism in food service; perfecting knife skills; plating; soup making; cooking with fruits, vegetables, potatoes and grains; practicing good restaurant-style food service while participating in catering projects. ProStart is an initiative of the National Restaurant Association that offers a variety of scholarships and entry into culinary competitions. This course qualifies for the Global Scholars Program. * A fee may apply for this course. See listing on pages 30-36 for more information.

ProStart Chef 1

FCS1035

1/2 credit

Career & Tech Ed
Grade 10-12

Recommendation: International Cuisine

Explore the food and hospitality industries as you study like a chef. Learn proper and safe, advanced, gourmet cooking techniques. Units include: preparing healthy food in sanitary kitchen-labs; professionalism in food service; perfecting knife skills; plating; soup making; cooking with fruits, vegetables, potatoes and grains; practicing good restaurant-style food service while participating in catering projects. ProStart is an initiative of the National Restaurant Association that offers a variety of scholarships and entry into culinary competitions. * A fee may apply for this course. See listing on pages 30-36 for more information.

ProStart Chef 2

FCS1045

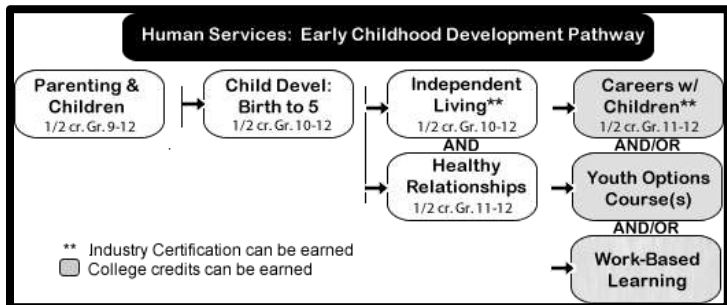
1/2 credit

Career & Tech Ed
Grade 10-12

Recommendation: ProStart Chef 1

Sharpen your culinary skills preparing restaurant quality cuisine! Fine tune your sense of flavor! Students will use a variety of cooking techniques. Units include breakfast foods, meat, poultry, fish, baking and pastry including cake decorating. Interest in attending a 2-year or 4-year college in the culinary field is a bonus but not required. Students will have several restaurant and catering opportunities. ProStart is an initiative of the National Restaurant Association that offers a variety of scholarships and entry into culinary competitions.

HUMAN SERVICES



Child Development (Birth – 5 Years)

FCS2015

1/2 credit

Career & Tech Ed
Grades 10-12

Students must have a clean background check to participate in the Preschool or volunteer in a childcare center (Per state statute HFS12).

This course focuses on the growth and development of children from conception to age five. Students will learn about the various areas of development (physical, cognitive, emotional, social, and moral) as a child grows. Opportunities for real-world application may include taking home a baby simulator. This course is valuable to those who decide to be parents or those who will be working with children in the future. * A fee may apply for this course. See listing on pages 30-36 for more information.

Parenting and Children

FCS2035

1/2 credit

Career & Tech Ed
Grade 9-12

What can we, as parents, do to help children grow to their fullest potential? Students explore how to teach skills as varied as toilet training and reading, while fostering their family's culture and values. Students will have opportunities to explore realistic life experiences by taking home a baby simulator. Units of study include: effective parenting, health and safety of children, children's nutrition, teaching the love of learning, and working with children with various needs.

Careers with Children (ACCT Certification)

FCS2025

1/2 credit

Career & Tech Ed
Grade 11-12

Recommendation: Child Development (Birth - 5 Years)

Students must have a clean background check to participate in the Preschool or volunteer in a childcare center (Per state statute HFS12) and must be 16 3/4 by the end of the term.

This course is for students who are capable of earning their Assistant Child Care Teacher (ACCT) Certification through the Department of Public Instruction, valuable for any career involving children. This class is challenging, and rewarding, as students plan and operate their own "in-house" preschool applying course knowledge and skills. The Wisconsin Technical College System (WTCS) Early Childhood Education Programs will grant a student who has successfully completed the DPI approved ACCT Course from a Wisconsin high school, three elective credits upon acceptance into, and demonstrated success within, the WTCS Early Childhood Education Program (#10-307-1). * A fee may apply for this course. See listing on pages 30-36 for more information.

Healthy Relationships

FCS2055

1/2 credit

Career & Tech Ed
Grade 11-12

This course takes a mature look at the many aspects surrounding relationships and sexuality. Students taking this course should be willing to participate in a discussion based format. Units of study include: understanding ourselves, communication, decision-making, relationships, abstinence, and family crisis.

Independent Living

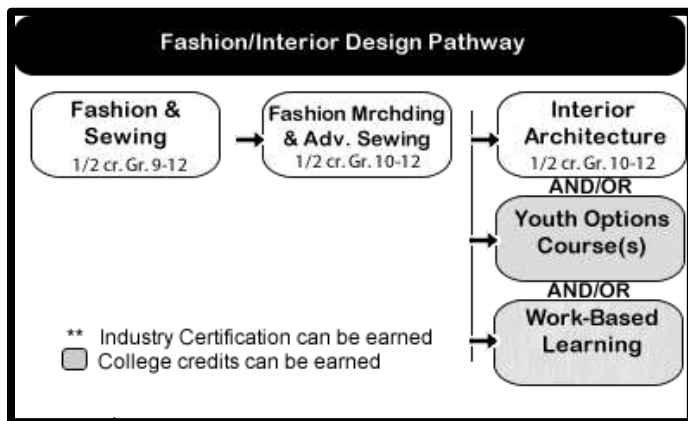
FCS2065

1/2 credit

Career & Tech Ed
Grades 10-12

Prepare yourself for a life after high school. Personal growth, financial literacy, legal responsibilities, protective behaviors--many topics to make your transition to the real world easier. **This class fulfills the financial literacy graduation requirement.**

DESIGN



Fashion & Sewing

FCS3015

1/2 credit

Career & Tech Ed
Grades 9-12

All students from any level of sewing ability will learn to use a sewing machine and pattern to plan and complete sewing projects. Fashion, sewing, and consumer skills are emphasized. A variety of career options in the clothing and fashion industries are explored. Each student will complete at least one machine sewing project using pattern and construction skills. Advanced students may work ahead on new skills independently. Units of study include: fabrics and their care, line and design, color, pattern selection, clothing construction, and careers. * A fee may apply for this course. See listing on pages 30-36 for more information.

Interior Architecture

FCS3045

1/2 credit

Career & Tech Ed
Grades 10-12

Are you a creative person? This course provides an opportunity to study how environments affect people. Learn ways to select and improve your surroundings. Consider housing needs and values, use elements and principles of design to analyze your environment, investigate architectural styles, create floor plans and models, design and decorate a space, and have fun! * A fee may apply for this course. See listing on pages 30-36 for more information.

HEALTH SCIENCE

Health Science courses benefit students interested in the Health Science Career Cluster area. Related pathways provide students with a foundation for planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. Students are encouraged, but not required, to join the related student organization of Health Occupations Students of America (HOSA).

These courses are also open to students outside of the Health Services Pathway.

Health Science Exploration

FCS4015

1/2 credit

Career & Tech Ed
Grades 9-12

Get a jump start on a career in the rapidly growing health care industry. Many describe this introductory course as a "make or break" in their decision to go into health care before investing in college tuition. Learn to use basic medical equipment while exploring the many career opportunities in health care. In this interdisciplinary course students will become introduced to medical terminology, health care delivery systems, legal and ethical health care issues, personal health financial literacy and employability and job seeking skills. This course is highly recommended for the Nursing Assistant certification course. Students interested in the health care field are invited to participate in Health Occupation Students of America (HOSA) Club which sponsors community service projects and members are able to compete at the state and national events. * A fee may apply for this course. See listing on pages 30-36 for more information.

Medical Terminology

FCS4025

1/2 credit

Career & Tech Ed
Grade 10-12

Students will gain knowledge of medical terminology, vocabulary and abbreviations used in health-related careers. Students will practice formation, analysis and reconstruction of terms. There is an emphasis on spelling, definition and pronunciation. The class is an introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems related to health careers. Students are invited to participate in Health Occupations Students of America (HOSA) Club activities, community service and competitive state and national events. (Dual/transcripted credit is offered by Madison College with transfer possibilities to other colleges and universities.) * A fee may apply for this course. See listing on pages 30-36 for more information.

Body Structure & Function

FCS4065

1/2 credit

Career & Tech Ed
Grade 10-12**Recommendation: Health Science Occupations**

Designed to cover topics of body structure and function at an introductory level, this course prepares students for advanced study in Medical Terminology, Certified Nursing Assistant, and Physiology and Anatomy courses. Students use hands-on activities and anatomy in clay to understand and remember the body systems and how they are viewed and treated by medical personnel. Discussions center around prevention, pathology, diagnostics, therapies, emerging technology, and related careers. *Participation in HOSA (Health Occupations Students of America) club is recommended.* * A fee may apply for this course. See listing on pages 30-36 for more information.

Nursing Assistant

FCS4045

1 credit

Career & Tech Ed
Grades 11-12**Recommendations: Successful students will have completed Body Structure & Function with a "C" or better and/or have taken Medical Terminology prior to taking this course.**

This course is taught by a registered nurse from Madison College. Students seeking employment in any health care field will find this a valuable first step! Nursing Assistant is a Prerequisite to all Wisconsin Technical College System nursing programs and some 4-year college admissions to nursing programs. Units of study and skills include: human development, infection control, patient transfer, body in health and disease, personal care and hygiene, nutrition, and special care. *To meet certification requirements, students must pass both theory and clinical experiences in a local health care agency arranged by the teacher, maintain a grade of 75% or better, and meet attendance requirements. A successful background check, TB skin tests, and certification test fee are required, but may be covered in whole or in part by the district. Class meets for additional hours of lab and clinical time on weekends, mornings, evenings, and/or breaks. * A fee may apply for this course. See listing on pages 30-36 for more information.

Career Internship

CTE9040

1 credit per Sem

Career & Tech Ed
Grades 11-12**Recommendation: Students must complete a program application and interview.**(2 credits max)

Junior or senior status. On track for high school graduation and completion of technical-related courses within the local high school.

GET PAID*, RECEIVE CREDIT AND GAIN EXPERIENCE. Couples classroom learning with valuable, on-the-job work experience in a field related to the student's career interest. Build decision making and leadership skills while applying classroom knowledge in a real and career specific setting. Previous internship placements have included: Engineering, Construction, Culinary Arts, Medical, Dentistry, Information Technology, Accounting, Finance, Marketing, Interior Design, Journalism, and Criminal Justice/Law Enforcement to name just a few. A great resume enhancer and conversation piece during your next job interview and/or scholarship application. At the time of course completion and on the job hours, students may be eligible to be awarded a State Certified Employability Skills Certificate or other Skills Certificate.

State Skills Co-Op***Application process required--see counselor for more information****Junior or senior status. On track for high school graduation and completion of technical-related courses within the local high school.**

State Skills Co-op offers high school juniors and seniors a course of study that combines learning in school with learning on the job and getting paid for it. Students learn technical and employability skills validated by business and industry representatives in cooperation with high school, technical college and university instructors. The student attends high school part of the day, taking coursework related to his/her field of interest, and works part of the day. Current Co-op Programs offered include: Business, Marketing, & Information Technology, Family & Community Services, Food Service, Construction, Electronics, Health Science, Child Care Teacher ***Industry Certification**

Youth Apprenticeship**Application process required--see counselor for more information****Junior or senior status. On track for high school graduation and completion of technical-related courses within the local high school.**

Youth Apprenticeships (YA) are opportunities for juniors or seniors to start preparing for a career while still in high school. One and two-year programs combine rigorous academic preparation, relevant occupational instruction, and paid work-based learning from an employer. You will attend regular classes in your high school, in addition to technical-related classes at Madison College or some other central site. You will work an average of 12-15 hours per week. These hours may be obtained during the summer along with during the school year, and may or may not be during the school day. Students are responsible for transportation and other course supplies and materials. Current YA Programs offered include: Auto Technician, Biotechnology, Construction, Finance & Accounting, Health Services, Culinary/Hospitality/Tourism, Information Technology, and Pharmacy Technician ****College Credit**

FAMILY AND CONSUMER SCIENCES – DISTRICT COURSES NOT AT LHS (SEE YOUR COUNSELOR)

Principles of Biomedical Science

SCI7010

1 credit

Career & Tech Ed

Recommendation: *Freshman level science and teacher's signature*

Grades 10-12

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. **Course Fee: \$20. This course is offered only at Memorial.**

Human Body Systems

SCI7020

1 credit

Career & Tech Ed

Recommendation: *Principles of Biomedical Science*

Grades 10-12

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. **Course Fee: \$20. This course is offered only at Memorial.**

Medical Interventions

SCI7030

1 credit

Career & Tech Ed

Recommendation: *Human Body Systems*

Grades 11-12

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. (Dual/transcripted credit is offered by Milwaukee School of Engineering [MSOE] with transfer possibilities to other colleges and universities.) **Course Fee: \$20. This course is offered only at Memorial.**

Biomedical Innovation

SCI7040

1 credit

Career & Tech Ed

Recommendation: *Medical Interventions*

Grades 11-12

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. Dual/transcripted credit is offered by Milwaukee School of Engineering [MSOE] with transfer possibilities to other colleges and universities.) **Course Fee: \$20. This course is offered only at Memorial.**

INTERDEPARTMENTAL STUDIES

SAT/ACT

GEN6055

1/2 credit Elective

Grades 10-12

If you are planning on going to a four or five year college and taking the ACT or SAT college admissions test, this course will prove helpful to you. This ACT/SAT PREP course offers you a prep opportunity to maximize test performance, learn how to extend your vocabularies, increase your comprehension of difficult passages, learn how to write a position/support essay, etc. The primary emphasis will be on ACT prep.

AVID

AVID is a college readiness elective course for qualifying students to develop the academic and social skills needed to be successful in post-secondary education. Students in the program enroll in an AVID course where they learn goal setting, organization, note-taking, writing skills, and reading strategies for each of their high school years. Motivational activities include speakers, field trips, college visits, and seminars. Additionally, AVID students will be highly encouraged to enroll in advanced courses in high school.

Criteria we consider when selecting AVID students include: first to attend college, historically underserved in four-year colleges, low income, average to high test scores, a 2.0-3.5 qualifying GPA, college potential with support, desire, and determination and/or have special circumstances. **Students apply and are admitted into the program beginning with their freshman year. Please see a counselor for the application.**

AVID 1

AVD1010

1 credit

Elective

Grade 9

AVID 2

AVD1020

1 credit

Elective

Grade 10

AVID 3

AVD1030

1 credit

Elective

Grade 11

AVID 4

AVD1040

1 credit

Elective

Grade 12

MATHEMATICS

The following sequences are recommended in the area of mathematics to ensure that students have the proper background knowledge. Courses may be taken from any of the sequences. If you have a question, please see a math teacher or counselor.

The Madison Metropolitan School District requires three (3) credits of mathematics classes for graduation. One credit must be earned from a course in algebraic concepts, and one credit from a course in geometric concepts. Please see your counselor for details. Every course above Algebra 1 has recommendations which are intended to help students choose the appropriate class sequence. The following table is intended as a guideline. Please speak with your current math instructor and/or counselor for further clarification.

Common Mathematics Course Sequences

Grade 9	Grade 10	Grade 11	Grade 12
Algebra 1	Geometry	Algebra 2 / Trigonometry	Algebra 3
Algebra 1	Geometry	Algebra 2 / Trigonometry	Advanced Algebra Transcribed Credit
Algebra 1	Geometry	Advanced Algebra with Financial Applications	Algebra 2 / Trigonometry
Algebra 1	Geometry	Algebra 2 / Trigonometry Honors	AP Statistics
Geometry Honors	Algebra 2 / Trigonometry Honors	Pre-Calculus	AP Calculus AB
Geometry Honors	Algebra 2 / Trigonometry Honors	Pre-Calculus	AP Statistics
Geometry Honors	Algebra 2 / Trigonometry Honors	AP Calculus AB	AP Calculus BC

***Calculators:** Graphing calculators are used for instruction and homework in all math classes after geometry; therefore a **graphing calculator** is **required** for all math courses after algebra and geometry. The recommended calculators are the TI-83 or TI-84 models. We have a limited number of graphing calculators in a rental program. If a student plans to continue studying math after high school, it is strongly recommended they purchase a calculator while taking Algebra 2/ Trigonometry so they can become proficient with the calculator while in high school.

Honors Courses ()** These are designed for the serious student with plans to pursue a math or science related career. Students should expect a challenging course with significant outside of class assignments.

Advanced Placement (AP) Courses The math department offers these AP courses: Calculus AB – 4 or 5 college credits, Calculus BC- 8 or 10 college credits, and Statistics – 4 or 3 college credits.

Special Education Program (++) This course is available to students who have an IEP and is selected by IEP teams and case managers. The course meets graduation requirements but typically does not offer curriculum that meets 4 year college requirements.

Algebra 1

MAT1010

1 credit

Math
Grade 9

In this course, students will practice applying mathematical ways of thinking to real world issues and challenges. Topics include: systems of linear equations and inequalities, linear, exponential, and quadratic relationships, and introductory statistics. Students will be challenged to think and reason both critically and mathematically by exploring multiple methods to solve real world problems. This course emphasizes mathematical modeling to analyze situations, and understand them better in order to make decisions. This course is aligned to the Common Core State Standards (CCSS) and follows the Traditional Pathway, as outlined in Appendix A. The CCSS Mathematical Practice Standards are applied throughout this course.

Geometry

MAT2010

1 credit

Math
Grades 9-11

The purpose of this geometry course is to understand the attributes and relationships of geometric figures which can be applied in diverse contexts. Topics include, but are not limited to, congruence, similarity, right triangle trigonometry, geometric properties of figures, modeling, probability, transformations and constructions. Geometry is devoted primarily to plane Euclidean geometry, studied with and without coordinate systems. This course is aligned to the Common Core State Standards (CCSS) and closely follows the Traditional Pathway, as outlined in Appendix A. The CCSS Mathematical Practice Standards are applied throughout this course.

Geometry Honors

MAT2020

1 credit

Math
Grades 9-10

Geometry Honors parallels the core geometry curriculum with greater levels of rigor. A course that receives an honors designation has expectations for students that are measurably broader, deeper, and/or more complex in comparison to its standard course.

Advanced Algebra w/ Financial

MAT6010

1 credit

Math
Grades 10-12***Recommendation: Successful completion of Algebra 1 and Geometry.***

Financial Algebra uses sophisticated mathematics to give students the tools to look critically at business and personal financial data and apply it to the real world. It is an algebra-based, technology-rich program that uses Algebra I skills in financial settings. The course employs algebra, life advanced algebra skills, probability, and statistics to solve financial problems that occur in everyday life. Real-world problems in investing and banking transactions, business modeling, consumer and purchasing data, and employment/retirement values are solved by applying the relevant mathematics.

Advanced Algebra (Transcripted Credit)

MAT5010

1 credit

Math
Grade 11–12***Recommendation: Senior status and successful completion of Algebra 1 and Geometry.***

Advanced Algebra for Dual/Transcripted Credit provides a thorough coverage of topics in an introductory college-level algebra course. The course focuses on skills and techniques used to simplify and solve linear, polynomial, exponential, radical and rational expressions and equations, with an emphasis on solving problems with real-world applications. Upon completion of this course with a grade of "C" or better in both terms and on the cumulative final, you will receive both 1 elective mathematics credit from MMSD and 3 technical college credits* from Madison College. You will receive an official transcript from the technical college verifying the grade and the granting of technical college credit.

*College credit at no cost to the student is available based upon an agreement between MMSD and a postsecondary institution and students' successful completion of identified course requirements.

Algebra 2 / Trigonometry

MAT3010

1 credit

Math
Grades 10-12***Recommendation: Successful completion of Geometry***

The skills and concepts of Algebra I will be expanded and extended in this course. The course includes the study of linear, quadratic, exponential, logarithmic, and other functions to investigate relationships that can be modeled with such functions. Students will be introduced to complex numbers and trigonometric relationships will be explored. The pace of the course is designed to help students spend more time on skill development. A graphing calculator is required to be used as a tool for understanding. This course is recognized as a third year of math by colleges looking at applicants and the CCSS Mathematical Practice Standards are applied throughout.

Algebra 2 / Trigonometry Honors

MAT3020

1 credit

Math
Grades 9-11***Recommendation: Successful completion of Geometry or Geometry Honors***

The skills and concepts of Algebra I will be expanded and extended in this course. The course includes the study of linear, quadratic, exponential, logarithmic, and other functions to investigate relationships that can be modeled with such functions. Complex numbers, linear programming, polynomials, and the many relationships of trigonometry will be explored. The pace of this course is geared towards the advanced student. A graphing calculator is required to be used as a tool for understanding. This course is recognized as a third year of math by colleges looking at applicants and the CCSS Mathematical Practice Standards are applied throughout.

Algebra 3

MAT4010

1 credit

Math
Grades 10-12***Recommendation: Successful completion of Algebra 2 – Trigonometry***

The purpose of this course is to prepare students for AP Statistics as well as the abstract and theoretical mathematics encountered in college and technical programs in business, physical and social sciences, and medical fields. A graphing calculator is required to be used as a tool for understanding. In this course algebraic, trigonometric, and statistical concepts are integrated to model real-world phenomena. Students explore relationships between equations and their graphs, analyze data and simulate probability problems.

Pre-Calculus

MAT3060

1 credit

Math
Grades 10-12***Recommendation: Successful completion of Alg 2 - Trig Honors or Alg 2 - Trig***

The purpose of this course is to prepare students for the study of calculus either in high school or as a first course in college or technical school. This is an honors level course and topics included are transformations, justification, functions, trigonometry, limits, sequences and series, polar equations, parametric equations, conic sections, and vectors.

AP Statistics

MAT5040

1 credit

Math

Grades 10-12

Recommendation: Algebra 3 or Algebra 2 - Trigonometry Honors

This course will follow the Advanced Placement (AP) Statistics Outline. Topics covered include exploring data, planning a study, anticipating patterns (probability), and statistical inference. The course will be of particular benefit to students planning to major in business, social sciences, natural sciences, mathematics, and law.

AP Calculus AB

MAT5020

1 credit

Math

Grades 11-12

Recommendation: Successful completion of Pre-Calculus

This course will follow the Advanced Placement (AP) Calculus (AB) outline. In Calculus AB, students study the unifying themes of limits, derivatives, and integrals. These concepts are learned through a variety of small group and individual investigations.

AP Calculus BC

MAT5030

1 credit

Math

Grades 11-12

Recommendation: Successful completion of AP Calculus AB

This course will follow the Advanced Placement (AP) Calculus (BC) outline. Topics from Calculus AB will be reviewed and applied to advanced topics. New topics studied will include parametrics, polynomials, series, vectors, differential equations and applications of integrals.

SPECIAL EDUCATION MATHEMATICS

***These courses are available to students who have an IEP. Courses are selected by IEP teams and case managers. These courses meet graduation requirements but typically offer curriculum that does not meet 4 year college requirements.

Life Skills Math

A-MAT1200

1/2 credit

Elective

Grades 9-12

This course is designed to improve student's skills at math. It includes units that cover math for students who function at the 8th percentile or lower and need curriculum based upon practical situations of the adult world.

Math Fundamentals

A-MAT1210

1 credit

Elective

Grades 9-12

This course is designed to improve students' skills at math, and will address functional skills such as basic math computations, telling time, and using money.

Math 1

A-MAT1220

1 credit

Elective

Grades 9-12

Course determined based on placement screener and case manager recommendation

Transmath I class is a comprehensive mathematics intervention that provides key foundational skill building and problem solving experiences for students lacking the foundational skills necessary for algebra and students scoring two or more years below grade level. Focuses on place value, whole numbers, operations, arrays, prime numbers, factors exponents, fractions data estimation, measurement, area and shapes. This course addresses skills that are necessary for success in Math 2.

Math 2

A-MAT1230

1 credit

Elective

Grades 9-12

Course determined based on placement screener and case manager recommendation

Transmath 2 is a comprehensive mathematics intervention that provides key foundational skill building and problem solving experiences for students lacking the foundational skills necessary for algebra and students scoring two or more years below grade level. Focuses on fractions, operations, estimation, decimal numbers, percent and probability, integers, angle measurements, dimensional geometry, and data. Course addresses skills that are necessary for success in Math 3.

Math 3

A-MAT1240

1 credit

Elective

Grades 9-12

Course determined based on placement screener and case manager recommendation

Transmath III class is a comprehensive mathematics intervention that provides key foundational skill-building and problem-solving experiences by targeting instruction with fewer topics, taught in greater depth. Transmath III is for students lacking the foundational skills necessary for Algebra and students scoring two or more years below grade level. Focuses on: rational numbers, variables, ratios and proportions, algebraic expressions and equations, inequalities, algebraic patterns, order of operations, coefficients, irrational numbers, functions, coordinate graphs, slope, Pythagorean Theorem, dimensional Geometry, angle measurement, and rate. Course addresses skills that are necessary for success in Algebra 1 and Geometry.

Consumer Math

A-MAT1250

1 credit

Elective

Consumer Math focuses on practical mathematical techniques used in commerce and everyday life. In Consumer Math, students study and review math skills they can apply in their personal lives and in their future careers. Case manager recommendation for placement is needed to enroll in this class.

MUSIC

Concert Band 1

MUS1040

1 credit

Humanities

Recommendation: *2-3 years of concert band participation in middle school*

Grades 9-12

The music department offers Concert Band to entering 9th-grade woodwind, brass, and percussion students for the study and performance of quality wind ensemble music. Class activities emphasize the development of instrument technique, tone production, tuning, fundamentals of music theory, music reading, and listening skills. Concert Band is a preparatory class for Symphony Band and Wind Ensemble. Concert Band may also be used by 10th, 11th, and 12th grade musicians as a lab band for learning a secondary instrument, or for learning an instrument for the first time. Several evening concerts throughout the school year are a requirement of this course.

Wind Ensemble

MUS1090

1 credit

Humanities

Recommendation: *Concert band participation background*

Grades 10-12

Wind Ensemble is open to sophomores, juniors, and seniors, and is comprised of some of the finest wind and percussion players in the school. The goal of the ensemble is the performance of the finest band repertoire at the highest levels of commitment, dedication, and musicianship. The Wind Ensemble performs at local concerts and may be involved in a trip to a festival or to work with a guest clinician/conductor. Additional performance venues include: Marching Band and Pep Band for various athletic events, parades, and community service events.

Jazz Ensemble

MUS1080

1 credit

Humanities

Recommendation: *Concurrent registration in symphony band or wind ensemble*

Grades 9-12

The La Follette band program provides an opportunity for students of the appropriate instrumentation to participate in a jazz ensemble that studies, rehearses, and performs music in the "big band jazz" idiom. Music selection touches upon a wide variety of jazz styles and eras including swing, bebop, Latin, funk, jazz-rock, fusion, and others. Seating is generally limited to the following: 5-7 saxophones, 4-7 trumpets, 4-7 trombones, 1-2 piano, 1-2 guitar, 1-2 bass, and 1-3 percussion. Course work consists of regular rehearsals as well as concerts (and the possibility of workshops or festivals) scheduled throughout the school year. Students will be expected to prepare their music and come to class willing to experience a wide variety of performance opportunities including jazz improvisation. Attendance at required performances is mandatory.

Jazz Ensemble - Early Bird

MUS1085

1/2 credit

Humanities

Recommendation: *Concurrent registration in symphony band or wind ensemble*

Grades 9-12

An opportunity for students with playing experience (and appropriate instrumentation) to study and perform jazz in a big band format. Music selection touches upon a wide variety of jazz styles and eras including swing, bebop, Latin, funk, jazz-rock, fusion, and others. Course work consists of regular rehearsals two to three times per week as well as concerts (and the possibility of workshops or festivals) scheduled throughout the school year. Students will be expected to prepare their music and come to class willing to experience a wide variety of performance opportunities, including basic jazz improvisation. Attendance at required performances is mandatory. NOTE: as an "early bird" class this group meets at 7:15 a.m., before the start of the regular school day.

Concert Orchestra

MUS3030

1 credit

Humanities

Recommendation: *Strings background*

Grade 9

The Concert Orchestra is offered to provide freshmen string students extensive experience in string orchestra performance. As part of a structured and comprehensive four year curriculum, students receive training in specialized techniques in preparation for enrollment in upper level Orchestras. The Concert Orchestra presents three to four concerts per year. There are also opportunities that may include district music festivals and working with guest conductors/clinicians.

Symphony Orchestra

MUS3020

1 credit

Humanities

Recommendation: *Strings background*

Grade 10

Symphony Orchestra is open to all students in grade 10 with previous string performance experience. Further development of technical and musical skills are pursued with more advanced string orchestra literature. Students receive additional training [which may include] specialized techniques, history, theory, technique, and musicality, performance practices, and chamber music, placing an emphasis on the musical independence of each member of the ensemble.

Philharmonic Orchestra

MUS3040

1 credit

Humanities

Recommendation: *Strings background*

Grades 11-12

Philharmonic Orchestra is open to all juniors and seniors with a strings background. Students receive additional training in specialized techniques for the preparation and performance of advanced repertoire. The class meets every other day for the entire school year. The Philharmonic Orchestra presents three concerts per year, provides music for school functions, and participates in the La Follette Area Strings Festival.

<u>Chorale</u>	MUS2010	1 credit	Humanities Grades 9-12
Students in this year-long course will study and perform music from a wide variety of cultures and time periods. Emphasis is placed on improving technical ability, tone production, music literacy, performance expectations, evaluation of musical performances, and interpersonal skills. Students are expected to be contributing members of their ensemble and attend performances/dress rehearsals outside the school day as part of the grade. This ensemble is generally Soprano, Alto, Tenor, & Bass voicing. Students of all gender identities are welcome.			
<u>Concert Choir</u>	MUS2070	1 credit	Humanities Grades 9-11
Students in this year-long course will continue to study and perform music from a wide variety of cultures and time periods. Emphasis is placed on improving technical ability, tone production, music literacy, performance expectations, evaluation of musical performances, and interpersonal skills. Students are expected to be contributing members of their ensemble and attend performances/dress rehearsals outside the school day as a major part of the grade. This ensemble is generally Soprano, Alto, Tenor, & Bass voicing. Students of all gender identities are welcome.			
<u>Advanced Concert Choir (Voices)</u>	MUS2060	1 credit	Humanities Grades 10-12
<u>Audition Required</u>	Students in this year-long course will also study and perform music from a wide variety of cultures and time periods but using more advanced vocal technique. Advanced Concert Choir is an elite ensemble with more challenging literature and a faster paced rehearsal process compared to other ensembles. Auditions are held in the spring before fall term. This audition will determine if a student is vocally capable of the literature and technique to meet the curriculum expectations. This ensemble is generally Soprano, Alto, Tenor, & Bass voicing. Students of all gender identities are welcome.		
<u>Show Choir</u>	MUS2040	1 credit	Humanities Grades 10-12
<u>Audition Required</u>	Students in this year long course will study and perform modern and popular music including: jazz, pop, a cappella and will include some choreography. Show Choir is also La Follette's premier traveling performance ensemble. Students should expect more performance opportunities compared to other choirs. Auditions are held in the spring before fall term. Auditions consist of a voice placement test and dance portion to ensure students are capable to meet the curriculum expectations. There may be personal expenses for costumes and/or transportation. Students are expected to enroll in a regular choral ensemble in addition to show choir. This ensemble is generally Soprano, Alto, Tenor, & Bass voicing. Students of all gender identities are welcome.		
<u>Guitar I</u>	MUS4045	1/2 credit	Humanities Grades 10-12
<u>Enrollment priority determined by grade level</u>	Guitar I is an introductory elective course designed to study basic, beginning guitar and guitar styles. Class guitars are provided. Basic techniques include: correct instrument posture, aural skills, folk/pop/rock chord types (major, minor, and 7th chords) and standard strumming styles for accompaniment and blues patterns. In addition, students will learn how to read music notation and chord symbols. Advanced topics for individual exploration may include fingerpicking, elementary classical technique, barre shapes, advanced note reading (Jazz & Classical), and Rock & Blues improvisation.		
<u>Hip Hop Studies</u>	MUS4075	1/2 credit	Humanities Grades 11-12
Students in this semester course will study and perform Hip Hop music. Students will gain knowledge of music production through Digital Audio Workstations (DAWs) and Soundcloud.			
<u>Theatre 1</u>	THR7015	1/2 credit	Humanities Grades 9-12
An introduction to the various Theatre Arts with a focus on performance. Students use an experiential learning model to explore Improvisation, the process of working in groups, Oral Interpretation of Literature, Pantomime, Acting, and learning techniques for more theatre work. The culminating assessments for the various units are performance projects which allow the student a great deal of choice, flexibility, and autonomy. In addition, theater experiences, such as, the viewing of a professional theatre performance and/or participating in crew for a class performance are also included in this course.			
<u>Stagecraft</u>	THR8025	1/2 credit	Humanities Grades 10-12
Stagecraft is the study of production techniques, design, and careers in the performing arts. Students in Stagecraft study scenery construction and painting, sound production, costuming, properties, lighting, production design, and stage management. Stagecraft involves hands-on learning with work that directly contributes to the theatrical performances at La Follette High School.			

**** Because the performing ensembles present concerts throughout the school year and repertoire is selected based on the students enrolled, it is expected that students will schedule the class for the entire academic year. Exceptions to the full year commitment and/or unavoidable scheduling conflicts should be discussed with the director.**

PHYSICAL EDUCATION/HEALTH

All physical education and health classes meet every day for 52 minutes for one Semester. You are encouraged to take more than the minimum requirement.

You are required to take:

9th grade	Phy Ed 1	1 semester	1/2 credit
10th grade	Phy Ed 2	1 semester	1/2 credit
	Health	1 semester	1/2 credit
11th grade	Any 11-12 Elective	1 semester	1/2 credit

PHYSICAL EDUCATION letter grades (A,B,C,D,F) will automatically be included in the student's GPA. Through the second week of each semester, students and parents may sign a district statement eliminating their Physical Education grade from the GPA. Forms need to be turned in to your counselor by the end of the second week of the semester. The option cannot be reversed once elected. Health class grades will continue to be included in the GPA, as required by the district, without option.

<u>PE 1: Foundations of Physical Activity</u>	PHY1015	1/2 credit	Phy Ed Grade 9
--	---------	------------	-------------------

Foundations of Physical Activity is a course that provides opportunities for students to experience a wide variety of physical activities to promote lifelong health and wellness. Through this semester-long course, students will strive to refine various motor skills and movement patterns, increase understanding of activity strategies and concepts, and enhance physical fitness knowledge and performance. Participation in fitness and lifetime activities throughout the course will help students develop skills in teamwork, sportsmanship, and communication. This course aims to support students in developing an intrinsic connection to the importance of lifelong physical activity. Units may include: soccer, swim, rugby, dance, football, gymnastics, badminton, gymnastics, track, weight lifting.

<u>Health Education</u>	PHY1035	1/2 credit	Health Grade 10
--------------------------------	---------	------------	--------------------

Health Education is a course designed to provide skills-based learning experiences that support students in becoming health literate individuals. The course will focus on analyzing internal and external influences, accessing health resources, communicating effectively with others, making healthy decisions, setting personal goals, practicing healthy behaviors, and advocating for personal and community health. Critical content will include personal health and wellness, healthy eating, mental and emotional health, alcohol and other drugs, lifestyle diseases, CPR hands only, and human sexuality.

<u>Early Bird Health Education</u>	PHYZ1035	1/2 credit	Health Grade 10
---	----------	------------	--------------------

The zero hour class satisfies the district Health class requirement. It will meet before the main school day begins (approx. 7:10am). Students will be physically present at their own school and will meet with their teacher and other classmates virtually. This is possible through a "Virtual Learning Space" system, available at all six of MMSD high schools. There may be online content to support learning. Learn more about taking a class over a system like our VLS on this website: <http://tinyurl.com/MMSDVLS>

Health Education is a course designed to provide skills-based learning experiences that support students in becoming health literate individuals. The course will focus on analyzing internal and external influences, accessing health resources, communicating effectively with others, making healthy decisions, setting personal goals, practicing healthy behaviors, and advocating for personal and community health. Critical content will include personal health and wellness, healthy eating, mental and emotional health, alcohol and other drugs, and human sexuality.

<u>Online Health Education</u>	V-PHY1030	1/2 credit	Health Grade 10
---------------------------------------	-----------	------------	--------------------

This online course is recommended for 10th graders to satisfy the 0.5 credit graduation requirement for Health Education. This course is designed to provide opportunities to practice the necessary skills to become health literate individuals through application of knowledge, developing attitudes and skills to make positive decisions, and taking action to promote and protect one's health and the health of others. This course will be taught by a Health Education teacher within the student's school building to support learning. The course will be completed through online modules, which can be completed at any time in one's daily schedule. Students may also have the potential to meet face-to-face with classmates and the teacher during the semester (TBD by school). The recommended time spent in the course is 5-10 hours per week. This is not a Madison Virtual Campus course.

<u>Physical Education 2 (Further Foundations of Physical Activity)</u>	PHY1025	1/2 credit	Phy Ed Grade 10
---	---------	------------	--------------------

PE2 focuses on learning about the 5 components of fitness and developing a healthy level of fitness. Fitness assessments will be given at the beginning and end of the term. Activities may include: golf/archery, weight training, tennis/racquetball, swimming, volleyball, floor hockey/lacrosse, softball, and Ultimate Frisbee. This course aims to support students in developing an intrinsic connection to the importance of lifelong physical activity.

Individual Sports

PHY2035

1/2 credit

Phy Ed
Grades 11-12

Individual Sports is designed for students who are interested in participating in individual sports. Units which are offered include: personal fitness, tennis, badminton, golf, walking, spinning, swimming, archery, racquetball, bowling, disc golf, and other individual activities. Developing a healthy level of fitness is a component of each of the units, with fitness assessment being a major part of the final examination.

Team Sports 1

PHY3015

1/2 credit

Phy Ed
Grades 11-12

Team Sports is designed for students who are interested in team sports. Units which are offered include: basketball, volleyball, softball, floor hockey, flag rugby, flag football, lacrosse, soccer, ultimate frisbee, and other team activities. An emphasis on sportsmanship and leadership skills is a major component of the course. Developing a healthy level of fitness is a component of each of the units, with fitness assessment being a major part of the final examination

Weight Training 1

PHY4015

1/2 credit

Phy Ed
Grades 10-12**Recommendation: Completed Phy Ed 2**

This course is designed to offer the student the opportunity to make significant strength gains through the use of progressive resistance primarily using free weights. Although emphasis is on individual strength improvement, anatomy and the physiological basis of strength will be important aspects of the course. The ability to follow a training program and understand its components will be emphasized during the course. Fitness assessment will be a major part of the final examination. For students repeating the course, advanced knowledge of unit topics will be emphasized along with student leadership within the class.

ProCPR/First Aid

PHY5085

1/2 credit

Phy Ed
Grades 10-12

This course is for students who want to learn First aid, CPR, AED skills but do not want to be lifeguard certified. Students will learn basic first aid skills, adult, child, and infant skills in rescue breathing, choking procedures for conscious / unconscious, CPR and AED usage. Students can earn certification from the American Red Cross for CPR/AED for the Professional rescuer and 1st aid upon successful completion of skill tests and written tests. Course fee of \$70.00 covers textbooks from the American Red Cross, pocket mask, certification cards and supplies/materials.

Lifeguard Training

PHY5095

1/2 credit

Phy Ed
Grades 10-12**Recommendation: Better than average swimming skills, can swim 300 meters without stopping using front crawl and/or breast stroke. Can surface dive to a depth of 7-10 feet and retrieve a 10 pound object. Tread water for 2 minutes legs only.**

Students will learn basic first aid skills, adult child, and infant rescue breathing, choking procedures, CPR, AED usage, water rescue skills for conscious and unconscious victims, and spinal injury management. Many class periods will be spent in the pool. Students can earn certification in Lifeguarding and CPR/AED for the Professional Rescuer after successfully completing final skill scenarios and written tests from the American Red Cross. After successful completion of the class students will be ready to lifeguard at a public or private pool. You must be 15 before the last day of the class to get certified. Course fee of \$135.00 covers textbooks from the American Red Cross, pocket mask, certification cards and supplies/materials.

Challenges and Adventure

PHY5015

1/2 credit

Phy Ed
Grades 11-12

This class will focus on the development of communication and cooperation skills through team building and problem solving activities. Students will have the opportunity to participate in high and low ropes course activities as well as developing basic leadership skills through the sharing activities with other La Follette students. \$40.00 Fee includes a field trip opportunity for canoeing and/or climbing.

Sports Officiating

PHY7045

1/2 credit

Phy Ed
Grades 11-12

This course will provide students with the knowledge and skills necessary for officiating sporting events within the recreational community. Officiating rules for the following sports will be taught: football, basketball, volleyball, soccer, and softball. Reading of rule books, completing work sheets to officiating classroom games are required. * A fee applies for this course. See listing on pages 30-36 for more information.

Social Dance

PHY6015

1/2 credit

Phy Ed
Grades 10-12

Are you someone who likes to dance? Then join social dance. This course is designed to provide the beginning social dance student with a variety of dance experiences. Social dance can be used to fulfill the PE requirement.

Personal Fitness

PHY4035

1/2 credit

Phy Ed
Grades 11-12

If you are looking for a class to get you in shape and have fun at the same time, this is the one for you. Activities may include spinning (bikes), group strength, walking, rollerblading, water aerobics, fitness videos, disc golf, Kettle bells, med balls. May also include some team sports: badminton, Ultimate Frisbee, and tennis. Pre, mid, and post fitness assessments are a significant part of your grade.

Introduction to Sports Medicine

PHY7055

1/2 credit

Phy Ed
Grades 11-12

This course is designed to provide the student with an overview of sports medicine with an emphasis on injury prevention, emergency care, and injury management. Students will be able to identify the members of the sports medicine team and describe their roles in dealing with the injured athlete. They will also learn bandaging and taping techniques as applied to a variety of musculoskeletal problems. * A fee for this course covers the cost of bandaging and taping supplies used during the course. See listing on pages 30-36 for more information.

Peer Partners

PHY7085

1/2 credit

Phy Ed
Grades 10-12

This course is specifically designed to meet the needs of students who need moderate-intensity physical activity to promote their general fitness and social skill development. Emphasis is placed on social interaction; the ability of each student to become involved with his/her community/vocational opportunities. Able-bodied students will increase participation of students with disabilities by modeling positive behavior, offering appropriate encouragement and providing one-on-one attention for skill development activities, increasing the knowledge base of able-bodied students in accord with students with significant cognitive and/or physical disabilities in a fun, active manner. The individualized or small group instructional format emphasizes change in student health habits through a variety of fun, supportive group activities. Use of individualized and team lifetime recreational games promotes improvement in the student's general muscle strength, muscle endurance, joint flexibility, and aerobic fitness.

Online Fitness Lifestyle Design

V-PHY4040

1/2 credit

Phy Ed
Grades 11-12

This online course is recommended for 10th through 12th graders to satisfy 0.5 Physical Education credits of the total 1.5 credits required for graduation. The course is designed to provide students with opportunities to deepen their physical literacy by applying knowledge and skills of various fitness and activity concepts and principles. Students will have opportunities to self-reflect and set goals to take steps to maintain an active and healthy lifestyle. There will be a regular amount of physical activity required to fulfill the course expectations, typically to be tracked/completed on a weekly basis. This course will be taught by a Physical Education teacher within the student's school building to support learning. The course will be completed through online modules, which can be completed at any time in one's daily schedule. Students may also have the potential to meet face-to-face with classmates and the teacher during the semester (TBD by school). The recommended time spent in the course is 5-10 hours per week. If you have taken a Madison Virtual Campus Phy Ed class before, you may not be eligible for this class.

PE course substitution policy for Juniors and Seniors only. A student who participates in a WIAA sanctioned athletic activity may, upon application and approval, be permitted to complete a maximum of a single additional one-half credit (.5) towards graduation in English, social studies, mathematics or science in lieu of one half credit (.5) of physical education. In order to be eligible for a credit substitution a STUDENT **must**:

1. have prior written approval from the principal or his/her designee;
2. participate in a WIAA athletic activity for an entire season during grade 11 or the fall season of grade 12;
3. be an athlete in good standing during the entire season including regular attendance at all practices and competitions;
4. not have been suspended for any period during the season as a result of a violation of the athletic code;
5. remain academically eligible during the entirety of the season;
6. not have missed more than two weeks or 25% of the season, whichever is less, due to illness or injury; and,
7. submit a written application for approval prior to enrolling in the substitute course.

If a request to substitute credit for physical education is denied, a written appeal may be submitted to the Assistant Superintendent for Secondary Schools within 10 calendar days of the denial. The Assistant Superintendent shall issue a written decision within 5 business days. The Assistant Superintendent's decision is final.

SPECIAL EDUCATION PHYSICAL EDUCATION/HEALTH

***These courses are available to students who have an IEP. Courses are selected by IEP teams and case managers. These courses meet graduation requirements but typically offer curriculum that does not meet 4 year college requirements.

Life Skills Physical Education

A-PHY1205

1/2 credit

Required
Grades 9-12**Criteria to enroll: Consent of case manager**

This class is designed for students with disabilities, and is part of their IEP. Students may receive therapy services within the context of this class. This class is team taught by special education and physical education teachers. Units include skill instruction in the following areas: individual exercise, cooperative games, swimming, and rhythms.

Life Skills Health

A-PHY1225

1/2 credit

Elective
Grades 9-12

This class will focus on nutrition, relationships, personal health, safety and activities for leisure time and develop social interaction skills. Activities to include such things as; games, exercise, sports, hobbies, crafts, movies, etc. Exact course content will be determined by student needs, interests and abilities. This class is appropriate in the term when adaptive physical education is not taught.

READING

According to Madison Metropolitan School District's graduation requirements, for students to earn an English credit for a course taken, the course must incorporate instruction in written communication and composition, oral communication, grammar, and usage of the English language, and literature. The course must use grade-level Common Core State Standards for English Language Arts that include instruction in reading literature and informational texts, writing, speaking and listening, and language. Supplemental and intervention courses are available to all students who demonstrate a need beyond core instruction and will offer elective credits.

Read 901

RDG1030

1 credit

English
Grade 9-12

Read 901 is an intensive reading program designed to meet the needs of students whose reading achievement is two or more years behind their grade level. The course consists of large group instruction, a computer lab, independent reading, and small group instruction. Students placed in this class have scored at the minimal or basic reading level on the state test and have a level of 1, 2, or 3 on the Scholastic reading Inventory.

Class size is limited to 15 students.

Read 902

RDG1040

1 credit

English
Grade 10-12

Recommendation: Reading 901

Have you completed the first semester of Read 901 and need to continue improving your reading skills? This class is designed for those students who have already taken a semester of this interactive reading course and need additional instruction to improve their reading ability. Students placed in this class must have a recommendation from their Read 180 teacher and have an appropriate lexile level.

SPECIAL EDUCATION READING

***These courses are available to students who have an IEP. Courses are selected by IEP teams and case managers. These courses meet graduation requirements but are not accepted by 4 year colleges.

Reading 1

A-RDG1200

1 credit

Elective
Grades 9-12

Recommendation: RI Score under 300 Lexile

This is a direct instruction class focusing on foundational reading skills with emphasis on developing decoding skills of students who have not mastered phonics rules, basic word attack skills, and phonemic awareness. Students read words in isolation and short passages. Students must be able to attend to instruction. **Students enrolled in this class must also be enrolled in English 1, 2, 3, or 4.**

Reading 2

A-RDG1210

1 credit

Elective
Grades 9-12

Recommendation: RI Score between 300-500

Focus of this class is continued development of advanced phonics, word attack skills, and fluency. Students will be expected to read short passages, write dictated sentences, work in small groups and work independently for up to 45 minutes. Students enrolled in this class must also be enrolled in **English 1, 2, 3, or 4.**

Reading 3

A-RDG1220

1 credit

Elective
Grades 9-12

Recommendation: RI Score between 500-700

Focus of this class is continued development of fluency and comprehension. Students will be expected to read short novels independently, write a basic paragraph, work in small groups and work independently for up to 45 minutes. Students enrolled in this class must also be enrolled in **English 1, 2, 3, or 4.**

Life Skills Reading

A-RDG1240

1 credit

Elective
Grades 9-12

This course is designed to improve student's skills at reading, writing, speaking, and listening. It includes units that cover reading and writing for students who function at the 8th percentile or lower and need curriculum based upon practical situations of the adult world, as well as reading and writing for leisure enjoyment.

Reading Fundamentals

A-RDG1250

1 credit

Elective
Grades 9-12

Reading Fundamentals is a literacy class designed to increase basic reading and writing skills. Students focus on increasing their list of recognized sight words, decoding skills, recalling information from text, improving handwriting legibility, and word choice.

Literature Fundamentals

A-ENG3200

1 credit

Elective
Grades 9-12

This class will focus on engaged reading and writing, using primarily student-selected literature and topics. Students will read at their level and at their own pace to develop a sense of independence and competence. Students will read widely across genres, and literature featuring authentic representations of diversity will have a prominent place in the classroom. Students will write extensively by journaling, responding to reading, and writing informational and argumentative texts. All of these tasks will support college, career, and community readiness.

Guided Study

A-GEN4230

1/2 credit

Elective
Grades 9-12

This is a structured study hall. Students will work in small groups and individually with teachers to focus on study skills, self-advocacy skills, and self-regulation skills. Guided Study will connect students to resources that will help them succeed in the high school setting.

SCIENCE

Students will need a minimum of three credits of Science for MMSD graduation. Students will be required to have at least one life science, one physical science, and a science class of their choice.

Life Science	Physical Science
Biology	Chemistry
AP Biology	General Physics
Biotech	Math Physics
Anatomy & Physiology	Earth Science
AP Environmental Science	Advanced Science & Engineering / Intro to Renewable Energy
Biology 2	

If you are not sure which science course to take, please talk your science teacher or counselor. Most colleges will require classes that are printed in **BOLD**.

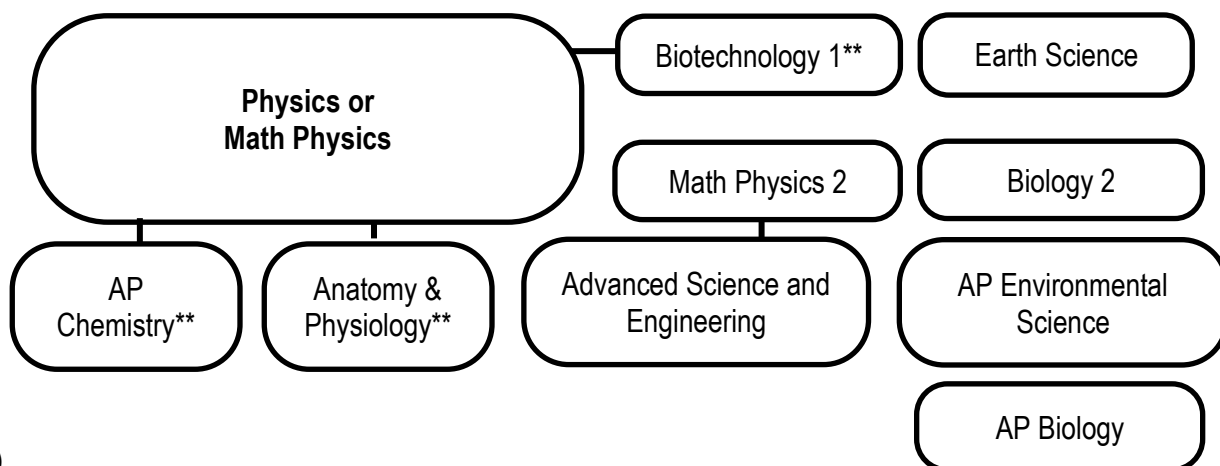
Freshmen

Biology or Honors Biology

Sophomores

Chemistry or Honors Chemistry*

Juniors or
Seniors



Important Notes (*)

* Some 2021-2022 10th graders may be enrolled in Physics or Chemistry.

** Biotechnology 1, AP Chemistry, and Anatomy & Physiology are strongly recommended to be taken after Chemistry.

Biology

SCI1020

1 credit

Science
Grades 9

Biology is a lab-oriented course for students to develop their skills and understandings of science as described by the Next Generation Science Standards. Students will develop their science skills by asking questions, modeling natural phenomena, planning and conducting investigations, analyzing data, and constructing and presenting evidence-based arguments through actively investigating the major themes of biology including: Ecology and Ecosystems, Evolution, Cells to Organisms, and the Process of Carbon Cycling.

Biology Honors

SCI1030

1 credit

Science
Grades 9

Biology Honors parallels the core curriculum with greater rigor in skills and content. A course that receives an honors designation has expectations for students that are measurably broader, deeper, and/or more complex in comparison to its standard course.

Biology 2

SCI1050

1 credit

Science
Grades 11-12***Recommendations: Biology***

This course offers a survey of the plant and animal kingdoms as a foundation course for college bound students interested in majoring in the biological sciences. It is also an elective for any students interested in biology. Special emphasis will be placed on Wisconsin biological communities with extensive field research opportunities. Collection, observation, microscopy, dissection, and experimentation are used to study the structure, function, and importance of organisms. Also included are subjects such as taxonomy, adaptation, evolution, extinction, and ecology.

Anatomy and Physiology

SCI1080

1 credit

Science
Grades 11-12***Recommendations: Biology***

This is an elective course designed for motivated students with high ability in science, especially those interested in careers in the health sciences. Topics will include medical terminology, molecular and cell biology, histology, and human anatomy and physiology. Human anatomy will be studied using dissection to illustrate the various organ systems in humans.

AP Biology

SCI1090

1 credit

Science
Grades 11-12***Recommendations: Biology, Chemistry, Physics***

AP Biology is a college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes - energy and communication, genetics, information transfer, ecology, evolution, and interactions. The course prepares students for the Advanced Placement biology exam, possibly resulting in science credit at many colleges/universities. More information is available online from the College Board website.

Biotechnology 1

SCI9085

1/2 credit

Science
Grades 11-12***Recommendations: Biology, Chemistry (may be taken concurrently)***

This course introduces students to the fundamental scientific principles of biotechnology, bioethics, and the variety of careers in biosciences, as well as the commercial and regulatory characteristics of the biosciences. Throughout the semester, students will learn how key concepts from biology, chemistry, and physics apply to modern applications within the biological sciences as well as the career opportunities in biotechnology. The target audience includes all students interested in exploring the field of biotechnology by providing foundational concepts and establishing laboratory procedures in a range of disciplines such as biology, chemistry, biochemistry, molecular biology, microbiology, genetics, and immunology. This course may be offered as a dual credit course for students to earn dual transcribed credit through Madison College.

Chemistry

SCI3030

1 credit

Science
Grades 10-12

Chemistry is a lab-oriented course in which students will develop their critical thinking and problem solving skills through the exploration of matter, energy, and chemical change. Frequently working together, students will make predictions, conduct investigations, and use models to explain observations and the surrounding world. Throughout the course, students will also focus on the analysis of data, both descriptive and mathematical through basic algebra.

Chemistry Honors

SCI3040

1 credit

Science
Grades 10-12***Recommendations: Algebra-Trig, Math Physics***

Chemistry Honors parallels the core chemistry curriculum with greater rigor in skills and content. A course that receives an honors designation has expectations for students that are measurably broader, deeper, and/or more complex in comparison to its standard course. Completion of this course will prepare students for advance science courses, including Advanced Placement (AP) Chemistry.

AP Chemistry

SCI3060

1 credit

Science
Grades 11-12***Recommendations: Chemistry Honors or Chemistry***

This course is designed to expand on students' basic knowledge of chemistry and prepare students to take the Advanced Placement Chemistry exam for college credit and/or college placement. Credit awarded depends on exam score and college. Students will perform experiments, explain results with mathematical and molecular models and analyze and identify unknown chemicals. Topics covered will include: atomic theory and structure, bonding, oxidation-reduction and electrochemistry, thermodynamics, organic chemistry, kinetics, equilibrium, acid base theory and reaction writing.

Earth Science

SCI4025

1/2 credit

Science
Grades 11-12

Earth Science is a laboratory and engineering based class. Students will collaborate to design solutions to problems facing human society, including climate change, environmental contamination, resource management, and natural hazards. Students will also model natural processes to develop a deeper understanding and create innovative systems that provide a sustainable benefit to human society. Topics include concepts and historical context of: movement of the Earth's crust (plate tectonics), global climate change and the carbon cycle, water systems on the Earth, human impact on the environment, natural hazards, and energy production.

Astronomy

SCI5025

1/2 credit

Science
Grades 10-12

Astronomy is a laboratory and engineering based class that explores concepts that help us better understand Earth's context in the universe. Students will explore different objects in the universe, how they originated, and use physical science to determine what will ultimately happen to them. Students will collaborate in groups and as a class to design technology and engineer solutions allowing humans to sustainably colonize another planet or object in our solar system or galaxy. Topics include concepts and historical context of: Earth's place in the solar system, other celestial objects, physics of light, stellar evolution, nuclear fusion, gravity, orbital physics, and the Big Bang along with other competing theories.

General Physics

SCI2030

1 credit

Science
Grades 10-12**Recommendations: Algebra**

Topics include experimental design, constant and accelerated motion, Newton's Laws, two-dimensional motion (including circular motion), work, energy, and momentum. Students enrolling in this course should have good algebra skills and be able to calculate slopes, solve simple quadratic equations, use slope-intercept form to write the equation of a linear graph, and solve for any variable in a linear equation. Students will acquire critical thinking and problem solving skills and practice data collection and measurement techniques. Students will play a major part in their own learning through presentations and classroom discussions centered around experiments and assignments. Computers and related technology are used for data collection and analysis.

Math Physics

SCI2040

1 credit

Science
Grades 10-12**Recommendations: Algebra**

Topics studied include experimental design, constant and accelerated motion, Newton's Laws, two-dimensional motion (including circular motion), work, energy, and momentum. Students will acquire critical thinking and problem solving skills as well as several laboratory skills including experimental design, data acquisition, and measurement techniques. Students will play a major part in their own learning by participating in presentations and classroom discussions centered around their experiments and assignments. The use of computers and related technology is emphasized for both data acquisition and data analysis. This course proceeds at a faster pace and requires greater application of mathematics than General Physics.

Math Physics 2

SCI2060

1 credit

Science
Grades 11-12**Recommendations: Math Physics, Algebra/Trig**

This class completes the study of introductory physics concepts started in math physics. Topics include rotational motion, mechanical waves, sound, light, geometric optics, electrostatics, circuits, and magnetism. The course emphasizes exploring physical phenomena through hands-on activities but also requires rigorous calculations and problem solving. **Students who complete Math Physics and Math Physics 2 will be well prepared to take the A.P. Physics 1 test.**

Advanced Science & Engineering

SCI5035

1/2 credit

Science
Grades 11-12**Recommendations: Math Physics 2, Algebra-Trig.**

This class is designed for students planning to pursue careers in the physical sciences or engineering. Topics include graphical analysis, scaling, electromagnetic induction, thermodynamics, fluids, special relativity, atomic structure, quantum mechanics and nuclear physics. Most topics will be studied through hands-on curriculum and class discussions. Problem solving techniques and connections to engineering and engineering projects will be emphasized throughout the course. **Students who complete Math Physics 2 and Advanced Science & Engineering will be well prepared to take the A.P. Physics 2 test.** Students who wish to take Advanced Science and Engineering without taking Math Physics 2 should talk with their instructor for supplemental work.

Introduction to Renewable Energy

SCI2095

1/2 credit

Science
Grades 11-12**Recommendations: Math Physics 2, Algebra-Trig.**

This dual credit course will be aligned with a current course offered at Madison College. This course provides an introduction to renewable energy technology. The course is grounded in the fundamentals of energy, power, and the first and second laws of thermodynamics. A scientific approach is used to determine various energy sources, including fossil fuels, biomass, biogas, biofuels, solar, hydro, wind, geothermal and ocean/tidal power. Various types of energy storage technology are also examined. Science, engineering and policy are examined for each energy technology, along with economic and environmental impacts.

AP Environmental Science

SCI4010

1 credit

Science
Grades 11-12**Recommendations: Biology, Chemistry (may be taken concurrently)**

AP Environmental Science is a college-level, introductory environmental science course. The course will prepare interested students for the Advanced Placement Exam in Environmental Science, given in May and possibly resulting in college credit. This course will provide students with an understanding of how the natural world works, the interrelationships living things have with each other and with their environment, and how to identify environmental problems. Students will develop their understanding through a variety of laboratory experiences, including an independent research project. The La Follette Arboretum and other nearby natural areas will be used for field study. This course qualifies for the Global Scholars Program.

Advanced University Research in the Sciences

SCI9015 ½ MMSD credit Summer School (\$20)
 ¼ MMSD credit Fall Term credit

Science
1 UW Independent Study

Recommendations: Current sophomores or juniors, successful completion of 2-3 years of both science and math, available a minimum of 9 weeks of summer to work on campus, available approximately 25 hours/week.

Students are chosen based on a written application and two teacher recommendations.

This course is open to students from all MMSD high schools and is limited to one cohort per year. Application forms and directions, abstracts of previous intern research, contact information for the program coordinator and additional information about the program are available on the website at <http://scienceweb.madison.k12.wi.us/internship>

SPECIAL EDUCATION SCIENCE

Integrated Science

A-SCI2040

1 credit

Science
Grades 9-12

Integrated Science is a survey course that provides an introduction to topics in the areas of Biology, Earth Science, Chemistry, Physics, and Astronomy. The topics are presented in an “everyday science” format where the students explore the day-to-day uses for science in their lives.

SOCIAL STUDIES

In order to graduate, all students are required to earn three credits in social studies, specifically including U.S. History and Modern U.S. History. AP U.S. History may be substituted for Modern U.S. History.

U.S. History

SOC1010

1 credit

Required
Grade 9

U.S. History is a comprehensive course that provides students with a survey of the history of the United States, examining time periods from Reconstruction through the World War II era. Students will explore the nature of change, how power is gained and maintained, what influences policy, how race, class and gender shape the American experience and their individual role in society. Within each unit, students will build their historical thinking, reading, writing, speaking and listening skills. Students will also increase their skills of reading and writing through Close Readings strategies of primary and secondary sources and through Document Based Questions. By focusing on thesis statements, using evidence and examples, students will increase their knowledge of U.S. History and increase their reading and writing skills.

U.S. History Honors

SOC1030

1 credit

Required
Grade 9

U.S. History parallels the core curriculum with greater rigor. A course that receives an honors designation has expectations for students that are measurably broader, deeper, and/or more complex in comparison to its standard course. Students will also increase their skills of reading and writing through Close Readings strategies of primary and secondary sources and through Document Based Questions. By focusing on thesis statements, using evidence and examples, students will increase their knowledge of U.S. History and increase their reading and writing skills.

World History - Overview

SOC2010

1 credit

Soc Studies
Grade 10

World History Overview is a one credit survey course covering the timeframe from the beginning of recorded history to the present day. Students will become aware of the rich heritage and contributions of the world and its interdependence. Students will explore the nature of change, how power is gained and maintained, what influences policy, how race, class, and gender shape the global experience and shape individual's role within society. Students are expected to participate in class discussions, complete homework and readings, write papers, complete projects, including DBQs, to develop their ability to read, write, research, and think like a historian. As students examine the changing political, social and economic institutions in Asia, Africa, Europe, Oceania, and the Americas over time, they will focus on the diversity, the history and the culture of the world's people. Students will examine the rise and fall of nations and empires as well as the diffusion of ideas, geographical forces of change, intellectual revolutions, and cultural traditions that shaped the modern world. Students will discuss international issues and explore solutions to world problems and become critical thinkers while developing inquiry and discussion skills. Students will continue to increase their skills of reading and writing through using Close Readings strategies of primary and secondary sources and through Document Based Questions. By focusing on thesis statements, using evidence and examples, and use of academic language students will increase their knowledge of World History and increase their reading and writing skills.

World History - Overview Honors

SOC2020

1 credit

Soc Studies
Grade 10

World History Honors parallels the core curriculum with greater rigor. A course that receives an honors designation has expectations for students that are measurably broader, deeper, and/or more complex in comparison to its standard course. Students will continue to increase their skills of reading and writing through using Close Readings strategies of primary and secondary sources and through Document Based Questions. By focusing on thesis statements, using evidence and examples, and use of academic language students will increase their knowledge of World History and increase their reading and writing skills. This course qualifies for the Global Scholars Program.

Modern US History

SOC1045

1/2 credit

Required
Grades 11-12

Modern U.S. History is a thematic course that surveys the political, social, and economic history of the United States from the post-WWII era to the present day. Students will explore the following themes: the impact of competing ideologies in the post-WWII era, the politics of power and its effects on society, and the challenges in the transition from the Superpower era to a globalized world. Within each unit, students will build their historical thinking, reading, writing, speaking and listening skills. Students will continue to increase their skills of reading and writing through using Close Readings strategies of primary and secondary sources and through Document Based Questions using fewer scaffolds. By focusing on thesis statements, using evidence and examples, and use of academic language students will increase their knowledge of modern day U.S History and increase their reading and writing skills. This course qualifies for the Global Scholars Program.

Modern US History – African American Experience

SOC1075

1/2 credit

Alternative to Modern US History
Grades 11-12

This course parallels Modern U.S. History and focuses on how African Americans viewed and engaged with key points and events from World War II through the present. Analysis and ongoing discussions of foreign and domestic issues will lead students to reflect critically on African American struggles within, and contributions to, the society we live in today.

Human Social Behavior

SOC4065

1/2 credit

Soc Studies
Grades 11-12

This class focuses on the study of human interaction and behavior, as we work together to answer the question **“Why do we act the way we do?”** and **“Who am I?”** The course is designed as an introduction to psychology, with a specific emphasis on social psychology. We will engage with various psychological theories and ideas to seek to better understand ourselves and those with whom we interact. The course seeks to develop skills of critical analysis as we learn to question human behavior, apply and critique theory, and develop our own opinions in communication with each other. Students are expected to be active learners, participating in discussions and experiments. Emphasis is placed on applying these ideas to daily life.

Social Issues

SOC4015

1/2 credit

Soc Studies
Grades 11-12

This class focuses on the study of current controversial issues in our community and larger society. The course will expose students to a variety of opinions and viewpoints on various issues studied, as we together and individually struggle to answer the questions, **“How should we live together for the common good?”** and **“How can we create change in our society?”** One of the main goals of the course is to foster skills of civic engagement in a democratic society. Therefore, students will deepen awareness of central issues of the day, consider how one’s experiences and perspectives impact opinion, develop discussion and argumentative writing skills, and learn how to lift up their own voice to create change in our society.

Ethnic Studies

SOC4075

1/2 credit

Soc Studies
Grades 11-12

This course examines ethnicity and identity in modern-day America, exploring topics of power, prejudice, intersectionality, and organizing for positive change. Students will explore these issues from a historical perspective (how have historical ideas about ethnicity and difference shaped our identities?), a sociological perspective (how do our differences and similarities shape how we act and interact?), a civic perspective (how does identity connect to a sense of belonging and access to power?), and a cultural perspective (how do we express our identities through art?). Students will engage in a variety of research methods, including interviews, close reading of challenging texts, field observations, and art analysis. Students will produce a variety of texts including an ethnographic study, a formal research paper, and an oral history podcast presentation. This course qualifies for the Global Scholars Program.

World People Studies - Women

SOC4120

1 credit

Soc Studies
Grades 11-12

What would our history be like if it were seen through the eyes of women? American Women’s History will bring to life the experiences, traditions, culture, and ideas of American women. Through readings, films, and class discussions, we will examine the lives of various groups of women, giving consideration to race, ethnicity, and class, as well as gender. Women’s struggles and victories will be illuminated and analyzed. Students will gain new perspectives about our society and our history at large and will understand the role that women have played and continue to play in shaping our country. In this class, students will be reading college-level texts in order to analyze women’s history and learn new skills. Lastly, students will continue to increase their skills of reading and writing through using Close Reading strategies of primary and secondary sources and through Document Based Questions. This course qualifies for the Global Scholars Program.

AP European History

SOC2090

1 credit

Soc Studies
Grades 10-12

Advanced Placement European History is intended to be the equivalent of a college-level introductory course. This course traces major events and trends from 1450 to 2012, that is, from the High Renaissance to the present. Significant themes drawn from political, intellectual, cultural, social and economic history are studied. Near the end of the school year, students have the option of taking the Advanced Placement Examination in European History and qualifying for college credit. The reading is college-level, extensive, and designed for students who are highly motivated and who have strong independent skills. Tests are both objective and essay, but essays are emphasized.

AP U. S. History

SOC1060

1 credit

Soc Studies
Grades 11-12

Advanced Placement U.S. History is intended to be the equivalent of an introductory college-level history course. This course is designed to give the student grounding in the subject matter of U. S. History and an understanding of major interpretive questions that derive from selected themes. It will consist of intensive chronological coverage from 1492 to the present with selected themes from economic, social, intellectual, cultural, diplomatic and political-constitutional history. Students will learn to assess historical materials, develop the skills necessary to arrive at conclusions, and present reasons and evidence clearly. Near the end of the school year, students have the option of taking the Advanced Placement examination in U. S. History and qualifying for college credit. The reading is college-level, extensive, and designed for students who are highly motivated and who have strong independent skills. Tests are both objective and essay. This course qualifies for the Global Scholars Program.

AP Psychology

SOC4050

1 credit

Soc Studies
Grades 11-12

This course is for students wanting a more in depth view of psychology. Through the use of psychological methods, students will explore psychology in learning/intelligence theory, development, mental disorders, group behavior, the biological bases of behavior, sensation and perception, cognition, and memory. Through labs, lectures and presentations this class is structured to provide support and success on the AP Psychology exam. It is strongly recommended that students have taken Human Social Behavior and passed with a "C" or higher prior to taking AP Psychology. Near the end of the school year, students have the option of taking the Advanced Placement examination in Psychology and qualifying for college credit. The reading is college-level, extensive, and designed for students who are highly motivated and who have strong independent skills. Tests are objective and essay.

AP U. S. Government and Politics

SOC5040

1 credit

Soc Studies
Grades 11-12

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a required political science research or applied civics project. Near the end of the school year, students have the option of taking the Advanced Placement examination in Psychology and qualifying for college credit. The reading is college-level and extensive. Tests are both objective and essay. All U.W. System campuses grant credit for a passing grade on the AP exam. More information is available at: <http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>.

AP World History

SOC2040

1 credit

Soc Studies
Grade 10

AP World History is a college-level course that analyzes global patterns of historical development and exchange from roughly 8000 B.C.E. to the present. Using primary and secondary sources, AP World History students will track historical change and continuity within and across six periods of study, paying close attention to unifying course themes and accompanying learning objectives. Great emphasis is placed on the honing of historical thinking skills, such as chronological reasoning, comparison, contextualization, argumentation, interpretation, and synthesis. The course culminates with the national AP World History examination, which will be administered in May. If successful on the national examination, students could receive college credit at their preferred university.

US History in Spanish (DLI)

SOC6070

1 credit

Soc Studies
Grade 9***Recommendation: Participation in DLI program or meets minimum score requirement for ESL student.***

This course is taught in Spanish and is designed for bilingual learners. U.S. History is a comprehensive course that provides students with a survey of the history of the United States, examining time periods from Reconstruction through the World War II era. Students will explore the nature of change, how power is gained and maintained, what influences policy, how race, class and gender shape the American experience and their individual role in society. Within each unit, students will build their historical thinking, reading, writing, speaking and listening skills. An additional focus of this course is to improve students' writing, reading and discussion skills in Spanish and in alignment with the Common Core State Standards. Other interested students should consult with guidance counselor prior to registering for this course.

World History in Spanish (DLI)

SOC6080

1 credit

Soc Studies
Grade 10***Recommendation: Participation in DLI program or meets minimum score requirement for Spanish Proficiency.***

This course is taught in Spanish and is designed for bilingual learners. The course challenges students to explore the historical events, geographical forces of change, intellectual revolutions and cultural traditions that shaped the modern world. As students examine the changing political, social and economic institutions in Asia, Africa, Europe and the Americas over time, they will discuss international issues and explore solutions to world problems. While developing an understanding and appreciation for the world's diversity, students will become critical thinkers by developing inquiry and discussion skills. This course is designed for students enrolled in the district's dual language immersion and developmental bilingual programs. Other interested students should consult with guidance counselor prior to registering for this course.

Ethnic Studies in Spanish (DLI)

SOC6095

1/2 credit

Soc Studies
Grade 11 -12***Recommendation: Participation in DLI program or meets minimum score requirement for Spanish Proficiency.***

This course examines ethnicity and identity in modern-day America, exploring topics of power, prejudice, intersectionality, and organizing for positive change. Students will explore these issues from a historical perspective (how have historical ideas about ethnicity and difference shaped our identities?), a sociological perspective (how do our differences and similarities shape how we act and interact?), a civic perspective (how does identity connect to a sense of belonging and access to power?), and a cultural perspective (how do we express our identities through art?). Students will engage in a variety of research methods, including interviews, close reading of challenging texts, field observations, and art analysis. Students will produce a variety of texts including an ethnographic study, a formal research paper, and an oral history podcast presentation. This course is offered in Spanish as part of the Dual Language Immersion Social Studies track (recommended for DLI 11th graders). This course qualifies for the Global Scholars Program.

Latin America Studies in Spanish (DLI)

SOC7015

1/2 credit

Soc Studies
Grades 11-12

This course is designed for students enrolled in the district's dual language immersion and developmental bilingual programs. Other interested students should consult with guidance counselor prior to registering. The course covers pre-Columbian Indigenous societies, the period of Spanish conquest and rule, the struggle for independence, and the current efforts to modernize and stabilize the wide variety of Latin American nations. The course will be taught entirely in Spanish and will include primary source and current event analysis, formal research and academic writing, guest speakers, and in-class discussion. This course qualifies for the Global Scholars Program.

Foundations of Leadership

SOC7035

1/2 credit

Soc Studies
Grades 11-12

Foundations of Leadership is designed to support and challenge students to examine their own identities and express their own leadership style and ability. This is an interdisciplinary class which draws on literature, history, social issues, current events, art, speech, etc. to explore the identities of leaders who are often left out of the mainstream curriculum specifically leaders of color, women, and GLBTQ+ people. This class affirms the identities, contributions and leadership styles of traditionally marginalized groups. We will analyze our society and how our students can be transformative agents of change through their exploration of leadership.

The academic skills emphasized in this class are reading, writing, critical thinking, discussion, collaboration, leadership, public speaking, research, and service learning. Students will be empowered by this course to both develop and demonstrate their leadership as they explore the role of their voice within their education as they choose the topics and projects that inspire them. Students will this class with the skills and tools to investigate, propose solutions, and organize for leadership within their communities, our country, and our world.

Social and Restorative Justice Studies

SOC7025

1/2 credit

Soc Studies
Grades 11-12

This semester course provides students who are interested in social justice issues the opportunity to develop a better understanding of both the root causes of our social problems and what specific strategies bring about social change. Specific subjects explored in the course will be the history of poverty, racism, classism, and sexism in the U.S. and how these have impacted our criminal justice system. The course provides training in the tools and processes related to Restorative Justice, allowing students to build their own leadership skills and confidence in their power to advocate. Students engage in a Case Study and Action Plan in order to deepen a culture of service and activism in the school and become lifelong leaders for social and restorative justice.

SPECIAL EDUCATION SOCIAL STUDIES**Current Events**

A-SOC4230

1 credit

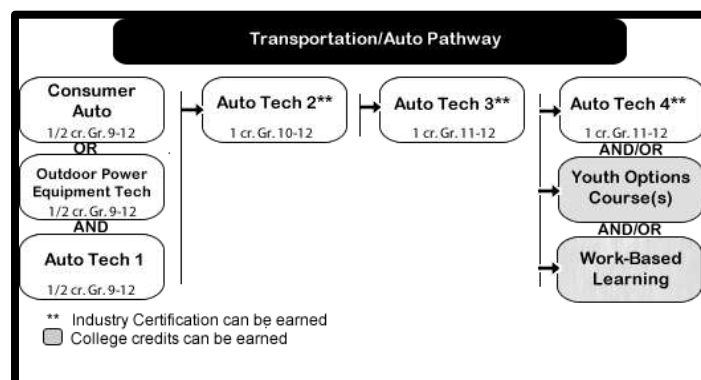
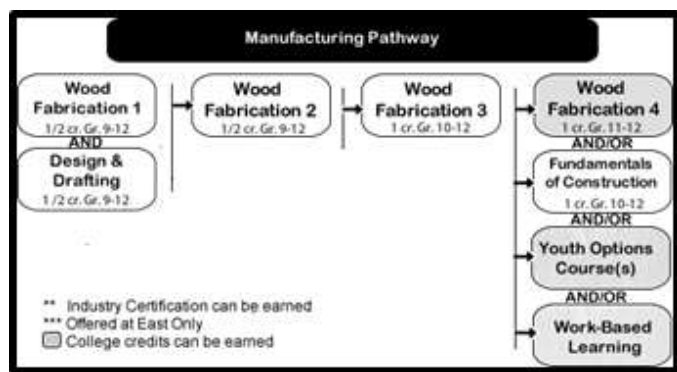
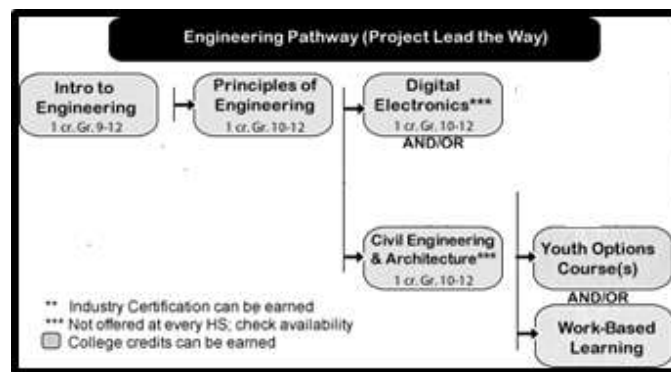
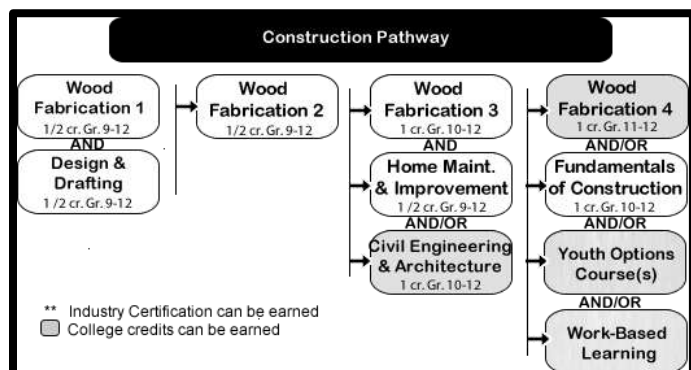
Soc Studies
Grades 9-12

This course focuses on the history and sociology of our city and neighborhood communities with an emphasis on "hot-button" issues of concern in our community (i.e., homelessness, racism, etc.) and a weekly "deep-dive" into events in the news which have an impact on our state, city, and local communities.

TECHNOLOGY AND ENGINEERING

Statement for ALL course sequence maps:

These course sequence maps represent a suggested sequence of courses leading to capstone, work-based learning, and post-secondary experiences which will assist students in being as successful as possible after leaving high school. Although each student will personalize their experiences, the earlier a student begins this sequence, the more opportunities students will have to fully explore the educational and community options available. These sequences should be coupled with appropriate core courses, as well as life-skills and courses in a student's area of interest.



WOODS AND CONSTRUCTION

Design and Drafting

TEC4015

1/2 credit

Career & Tech Ed
Grades 9 -12

This introduction to design and drafting covers the basics of creating a technical drawing, using both sketching and computer-aided drafting systems. Students will become familiar with the basic commands and functions of the software while they solve problems and design solutions both on paper and 3-dimensionally on the computer. Students will learn the basics of architecture design and techniques also. Students will learn major house and building styles by mimicking these styles while designing buildings. * A fee may apply for this course. See listing on pages 30-36 for more information.

Home Maintenance & Improvement

TEC3025

1/2 credit

Career & Tech Ed
Grade 9-12

This course covers the fundamental systems that comprise a residential dwelling including electrical, plumbing, framing etc. Students will learn practical maintenance and home improvement skills that apply to both future homeowners and those interested in the skilled trades. Students are responsible for course supplies and materials. * A fee may apply for this course. See listing on pages 30-36 for more information.

Fundamentals of Construction

TEC3030

1 credit

Career & Tech Ed

Recommendation: Wood Fabrication 1 or Home Maintenance and Improvement

Grades 10-12

In this hands-on focused light construction course, students will prepare for a career in the skilled trades. Through actual planning and building, this class will design and construct a small structure. Topics covered include: job site safety, drafting, construction codes and fundamentals.

Students are responsible for course supplies and materials. * A fee may apply for this course. See listing on pages 30-36 for more information.

Wood Fabrication 1

TEC3015

1/2 credit

Career & Tech Ed

Grade 9-12

This foundational course puts students in the driver's seat of their manufacturing and/or construction pathway. Applying safety, measurement, hand and power tools, students will produce a variety of projects using wood. From material preparation to the final product, students will use basic production processes, working drawings and a plan of procedure to complete skill developing projects. Students are responsible for course supplies and materials. * A fee may apply for this course. See listing on pages 30-36 for more information.

Wood Fabrication 2

TEC3045

1/2 credit

Career & Tech Ed

Grades 9 -12

Recommendation: Wood Fabrication 1

This course is a continuation of the Wood Fabrication sequence using modern materials and processes. Students will learn advanced skills related to cabinet and furniture making, the use of panel products and jigs and fixtures. Students will explore career opportunities in wood product manufacturing. Students are responsible for course supplies and materials. * A fee may apply for this course. See listing on pages 30-36 for more information.

Wood Fabrication 3

TEC3050

1 credit

Career & Tech Ed

Grades 10-12

Recommendation: Wood Fabrication 2

Wood Fabrication 3 gives students the opportunity to expand their knowledge of Wood Product Manufacturing. Based on their previous experience in this pathway students will work in teams to analyze problems and find solutions. Creativity, collaboration, time management, and teamwork skills are a must as products are developed from design, costing, to assembly and quality control. Students are responsible for course supplies and materials.

* A fee may apply for this course. See listing on pages 30-36 for more information.

Wood Fabrication 4

TEC3060

1 credit

Career & Tech Ed

Grades 11-12

Recommendation: Wood Fabrication 3

This capstone course is based on student mastery of manufacturing processes, utilizing the design process. Students will build projects, create and document the complete design and manufacture process from idea to completion. (Dual/transcripted credit is offered by Madison College with transfer possibilities to other colleges and universities.) Students are responsible for course supplies and materials. * A fee may apply for this course. See listing on pages 30-36 for more information.

PROJECT LEAD THE WAY**Introduction to Engineering – Project Lead The Way**

TEC1010

1 credit

Career & Tech Ed

Grade 9-12

Recommendation: Algebra recommended or currently enrolled

This course introduces students to the design process and the tools used in product development. Students will experience first-hand the activities in which engineers engage throughout the design cycle. Development of design briefs, sketching, 3D solid modeling, and prototyping through computer-aided drafting are part of the course. Students will have the opportunity to learn ways in which design techniques apply to many fields, such as healthcare, business, art and animation, manufacturing, engineering, etc. Problem-solving and math as it applies to producing products and services for today's society are emphasized. (Dual/transcripted credit is offered by Milwaukee School of Engineering [MSOE] with transfer possibilities to other colleges and universities.) * A fee may apply for this course. See listing on pages 30-36 for more information.

Principles of Engineering – Project Lead The Way- ES

TEC1020

1 credit

Career & Tech Ed/Science

Grade 10-12

Recommendation: Geometry recommended or currently enrolled

Students will experience engineering and design technology and use various technological systems and manufacturing processes that demonstrate ways in which engineers and technicians use math, science and technology to benefit people. This course will be a mix of hands-on and academic activities including computer aided design projects, research activities, case studies, team product development, and discussions on the social and political consequences of technological change. (Dual/transcripted credit is offered by Milwaukee School of Engineering [MSOE] with transfer possibilities to other colleges and universities.) * A fee may apply for this course. See listing on pages 30-36 for more information.

Digital Electronics - Project Lead The Way-EM

TEC1030

1 credit

Career & Tech Ed/Math

Grades 10-12

Recommendation: Algebra

Digital electronics and micro-computers. This is a course in applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices. (Dual/transcripted credit is offered by Milwaukee School of Engineering [MSOE] with transfer possibilities to other colleges and universities.) . This course may be used to meet the third credit of math graduation requirement. * A fee may apply for this course. See listing on pages 30-36 for more information.

Civil Engineering & Architecture – Project Lead The Way

TEC1040

1 credit

Career & Tech Ed
Grades 10-12***Recommendation: Geometry recommended or currently enrolled******Recommendation: Introduction to Engineering or Principles of Engineering***

In this class you will learn about Civil Engineering and Architecture, using the design process to solve real world problems and apply your creative skills to hands-on-projects. You will use state-of-the-art software to design residential and commercial buildings. This course covers topics such as the roles of civil engineers and architects, project planning, building design, project documentation and presentation, and interior design. (Dual/transcripted credit is offered by Milwaukee School of Engineering [MSOE] with transfer possibilities to other colleges and universities.)

* A fee may apply for this course. See listing on pages 30-36 for more information.

TRANSPORTATION**Consumer Auto**

TEC2015

1/2 credit

Career & Tech Ed
Grades 9-12

This course is designed for the students who would like to own and maintain a personal vehicle. This course covers basic car care, under hood inspection (fluids, belts, hoses), removing & replacing items (wiper blades, bulbs, fuses), cooling system maintenance, battery/charging system diagnosis, lubrication system maintenance, tire information, brake inspection, minor ignition system maintenance (spark plug, wires, firing order), car buying, car insurance, and service information. Students are responsible for course supplies and materials. * A fee may apply for this course. See listing on pages 30-36 for more information.

Outdoor Power Equipment Technology

TEC2025

1/2 credit

Career & Tech Ed
Grades 9-12

Students in class will study the theory and operation of two-and four-stroke engines. They will gain hands-on experience by disassembling, analyzing, and reassembling small engines. Students will be encouraged to bring in projects needing repair from home. This course integrates and reinforces basic science and mathematical concepts while providing hands-on experience for students. Students are able to work towards earning Industry Certification from Briggs and Stratton. Students are responsible for course supplies and materials. * A fee may apply for this course. See listing on pages 30-36 for more information.

Automotive Technology 1 / Engine Systems

TEC2035

1/2 credit

Career & Tech Ed
Grades 9-12

This course focuses on the operation of basic vehicle and engine systems. Students will work both individually and in teams getting hands-on experience in performing routine maintenance of automobile systems, inspections of components, and light repairs of malfunctioning parts. This is an entry-level course in the study of the automobile and its systems. It will meet the needs of the students who just want to know more about the vehicles they will be driving. Students will learn through a combination of regular class work (written assignments, lectures, discussions, and tests) and hands-on lab activities, based on ASE Standards. Students have the opportunity to take ASE certification tests. By using professional service and testing equipment, the student will become safe and lightly skilled at routine service and maintenance of automobiles. * A fee may apply for this course. See listing on pages 30-36 for more information.

Automotive Technology 2

TEC2040

1 credit

Career & Tech Ed
Grades 10-12***Recommendation: Auto Tech 1***

This course is designed for more in depth study of the automotive profession. It offers an introduction to automotive competencies in all eight of the ASE automotive certification categories. This course is designed for those students interested in entering the automotive profession or gaining a solid foundation in the automotive field. Students have the opportunity to take ASE certification tests. * A fee may apply for this course. See listing on pages 30-36 for more information.

Automotive Technology 3

TEC2050

1 credit

Career & Tech Ed
Grades 11-12***Recommendation: Auto Tech 2***

This course is designed for further study of the automotive profession. It offers further practice with automotive competencies in electrical/electronic systems, brake systems, suspension and steering systems, and engine performance systems. Students have the opportunity to take ASE certification tests. * A fee may apply for this course. See listing on pages 30-36 for more information.

Automotive Technology 4 / Advanced Engines

TEC2060

1 credit

Career & Tech Ed
Grades 11-12***Recommendation: Auto Tech 3***

This course is designed for further study of the eight ASE certification areas and an opportunity for advanced students to learn more about emission diagnosis and spend more time working on projects in all of the eight ASE certification areas. This class should lead to students receiving ASE student certification in most of the certification areas. Students have the opportunity to take ASE certification tests. * A fee may apply for this course. See listing on pages 30-36 for more information.

Career Internship

CTE9040

1 credit per Sem

Career & Tech Ed

Application process required--see counselor for more information (2 credits max)

Grades 11–12

Junior or senior status. On track for high school graduation and completion of technical-related courses within the local high school.

GET PAID*, RECEIVE CREDIT AND GAIN EXPERIENCE. Couples classroom learning with valuable, on-the-job work experience in a field related to the student's career interest. Build decision making and leadership skills while applying classroom knowledge in a real and career specific setting. Previous internship placements have included: Engineering, Construction, Culinary Arts, Medical, Dentistry, Information Technology, Accounting, Finance, Marketing, Interior Design, Journalism, and Criminal Justice/Law Enforcement to name just a few. A great resume enhancer and conversation piece during your next job interview and/or scholarship application. At the time of course completion and on the job hours, students may be eligible to be awarded a State Certified Employability Skills Certificate or other Skills Certificate.

State Skills Co-Op*

Application process required--see counselor for more information

Junior or senior status. On track for high school graduation and completion of technical-related courses within the local high school.

State Skills Co-op offers high school juniors and seniors a course of study that combines learning in school with learning on the job and getting paid for it. Students learn technical and employability skills validated by business and industry representatives in cooperation with high school, technical college and university instructors. The student attends high school part of the day, taking coursework related to his/her field of interest, and works part of the day. Current Co-op Programs offered include: Business, Marketing, & Information Technology, Family & Community Services, Food Service, Construction, Electronics, Health Science, Child Care Teacher ***Industry Certification**

Youth Apprenticeship

Application process required--see counselor for more information

Junior or senior status. On track for high school graduation and completion of technical-related courses within the local high school.

Youth Apprenticeships (YA) are opportunities for juniors or seniors to start preparing for a career while still in high school. One and two-year programs combine rigorous academic preparation, relevant occupational instruction, and paid work-based learning from an employer. You will attend regular classes in your high school, in addition to technical-related classes at Madison College or some other central site. You will work an average of 12-15 hours per week. These hours may be obtained during the summer along with during the school year, and may or may not be during the school day. Students are responsible for transportation and other course supplies and materials. Current YA Programs offered include: Auto Technician, Biotechnology, Construction, Finance & Accounting, Health Services, Culinary/Hospitality/Tourism, Information Technology, and Pharmacy Technician ****College Credit**

TECHNOLOGY & ENGINEERING - DISTRICT COURSES NOT AT LHS (SEE YOUR COUNSELOR)

Aerospace Engineering (Project Lead The Way)

TEC5040

1 credit

Career & Tech Ed

Aerospace is a two-semester advanced level, integrated, project-based science course with an emphasis on the application of concepts from biology, chemistry and physics as the controlling factors behind the processes and equipment in aviation and space exploration. Units of instruction include aviation history, aerodynamics, wind tunnel testing, aircraft stability and design, physiology of flight, aerospace materials science, space exploration, and autonomous vehicle design. Major engineering projects include design evaluation and flight performance prediction of a radio-controlled aircraft, engineering cycle of design/build/test/revise for custom catapult gliders and solid-engine rockets, and autonomous vehicle design (mechanical design, electrical circuits and programming). Most lessons are reinforced through the use of computer technology and software such as Microsoft Excel, X Plane, Autodesk Inventor 3D modelling software, AERY Glider Design, and RockSim. Field trips during the year offer the opportunity to pilot single-engine aircraft under the guidance of certified flight instructors and to experience kit built aircraft manufacturing, the EAA museum, and aircraft restoration. The course is only offered at Memorial. (Dual/transcripted credit is offered by Milwaukee School of Engineering [MSOE] with transfer possibilities to other colleges and universities.)

Computer Integrated Manufacturing (Project Lead The Way)

TEC1050

1 credit

Career & Tech Ed
Grades 11-12

Recommendation: Completion of Introduction to Engineering and Principles of Engineering with a passing grade OR completion of Metals Manufacturing 1 and Metals Manufacturing 2 with a passing grade. Course offered at: EAST (see counselor if interested)

Students will take the three-dimensional modeling skills they learned in Introduction to Engineering and combine them with the building and manufacturing processes learned in Principles of Engineering to a whole new level that includes rapid prototyping and using a three-dimensional printer. Using Autodesk Inventor and other computer programs, students will create actual models and prototypes with Computer-Numeric-Control machines, robotic arms and automated manufacturing. (Dual/transcripted credit is offered by Milwaukee School of Engineering [MSOE] with transfer possibilities to other colleges and universities.) **Course Fee: \$30**

Engineering Design and Development (Project Lead The Way)

TEC1070

1 credit

Career & Tech Ed
Grade 12

Recommendation: At least one Project Lead The Way course and teacher's signature.

Course offered at: MEMORIAL (see counselor if interested)

Engineering Design & Development is the capstone research and development course for all of the engineering courses. Engineering Design and Development is an engineering research course in which students work in teams to research, design, and construct a solution to an open-ended engineering problem. Students apply principles developed in the preceding engineering course(s) and are guided by the teacher and community mentor/professional engineers. At the end of the course, students must submit a final written report and defend their solutions to a panel of outside reviewers. (Dual/transcripted credit is offered by Milwaukee School of Engineering [MSOE] with transfer possibilities to other colleges and universities.) **Course Fee: \$30**

WORLD LANGUAGES

WHY STUDY A WORLD LANGUAGE?

STUDYING A WORLD LANGUAGE

- Satisfies foreign language college ENTRANCE REQUIREMENT *
- Allows you to fulfill the College of Letters and Science (L&S) foreign language GRADUATION REQUIREMENT at UW-Madison.**
- Prepares you to receive RETROACTIVE CREDIT at any UW campus.***
- Enhances JOB OPPORTUNITIES both in the United States and abroad.
- Allows you to participate in TRAVEL PROGRAMS.
- Increases MULTICULTURAL awareness.
- Improves English COMMUNICATION SKILLS.

*Two years of a foreign language are necessary for ENTRANCE to UW-Madison and UW-Eau Claire.

**For students completing undergraduate degrees in the College of Letters and Science.

1. For the B.A. degree:

Completion of 4th semester college course or equivalent 4th year high school course of a foreign language.

OR

Completion of 3rd semester college course or equivalent 3rd year high school course plus one other language through 2nd semester college course or equivalent 2nd year high school course of a foreign language.

2. For the B.S. degree: - Completion of 3rd semester college course or equivalent 3rd year high school course of a foreign language.

A maximum of two years of American Sign Language may be counted toward the foreign language requirement of the B.A. or B.S. degree in the UW-Madison College of Letters and Science.

Students who have had previous non-college instruction in French, German, Hebrew, Latin, or Spanish must take the UW placement test if they intend to continue studying that language at UW-Madison. Students who have completed non-college work in other languages will need to consult with appropriate advisers upon entering UW-Madison. Since AP credit is above the language requirement level, any student receiving AP credit will automatically satisfy the L&S language requirement without further testing.

***Upon completion of high school courses, a student may take a foreign language course at any UW campus. If the student receives a "B" in the course, he will receive retroactive credit for equivalent courses prior to the level. Sixteen university credits are the maximum credits given. For further questions or explanation, contact foreign language teachers or a counselor.

American Sign Language 1 (ASL 1)

FOR4010

1 credit

For Lang
Grades 9-12

ASL 1 is an introductory course that uses the ACTFL World Readiness for Language Learning Standards, the Common Core State Standards and the National ASL Standards. Students will learn how to communicate in ASL through simple conversation and develop skills in receptive comprehension and expressive demonstration. They will explore Deaf culture and develop an understanding of the practices and perspectives of American Deaf culture. ASL students will demonstrate comprehension of selected cultural topics such as history and audism by means of presentational writing, and other culture topics such as social norms and behaviors expressively. Through utilizing mostly ASL in class, students will develop the ability to communicate with ease in ASL at a basic level around familiar topics like self and family, school, preferences, and everyday customs.

American Sign Language 2 (ASL 2)

FOR4020

1 credit

For Lang
Grades 9-12

Recommendation: ASL 1

ASL 2 is a course that uses the ACTFL World Readiness for Language Learning Standards, the Common Core State Standards and the National ASL Standards. Students will learn how to communicate in ASL through simple conversation and develop skills in receptive comprehension and expressive demonstration. They will further explore Deaf culture and develop their understanding of the practices and perspectives of American Deaf culture. ASL students will demonstrate comprehension of selected cultural topics such as history and audism by means of presentational writing, and other culture topics such as social norms and behaviors expressively. Through utilizing mostly ASL in class, students will develop the ability to communicate with ease in ASL at a basic level around familiar topics like activities, storytelling, identifying people and making requests.

American Sign Language 3 (ASL 3)

FOR4030

1 credit

For Lang
Grades 10-12**Recommendation: ASL 2**

ASL 3 is a course that uses the ACTFL World Readiness for Language Learning Standards, the Common Core State Standards and the National ASL Standards. Students will learn how to communicate in ASL through conversation and develop skills in receptive comprehension and expressive demonstration. They will explore Deaf culture and develop an understanding of the practices and perspectives of American Deaf culture. ASL students will demonstrate comprehension of selected cultural topics such as history and autism and other culture topics such as social norms and behaviors expressively. Through utilizing mostly ASL in class, students will develop the ability to communicate with ease in ASL at an intermediate level around familiar themes like health and wellness, technology, the environment and the arts.

American Sign Language 4 (ASL 4)

FOR4040

1 credit

For Lang
Grades 10-12**Recommendation: ASL 3**

ASL 4 is a course that uses the ACTFL World Readiness for Language Learning Standards, the Common Core State Standards and the National ASL Standards. Students will learn how to communicate in ASL through conversation and develop skills in receptive comprehension and expressive demonstration. They will explore Deaf culture and develop an understanding of the practices and perspectives of American Deaf culture. ASL students will demonstrate comprehension of selected cultural topics such as history and autism and other culture topics such as social norms and behaviors expressively. Through utilizing mostly ASL in class, students will develop the ability to communicate with ease in ASL at an intermediate level around themes like health and wellness, science, technology, the environment, the arts, family and community.

French 1

FOR1010

1 credit

For Lang
Grades 9-12

French 1 is an introductory course that uses the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Students will learn how to communicate in French through simple conversation and develop skills in listening, speaking, reading and writing in the language. They will explore the language and culture of the French-speaking world. Through speaking and listening to mostly French in class, students will develop the ability to communicate with ease in French at a basic level around familiar topics like self and family, school, preferences, and everyday customs.

French 2

FOR1020

1 credit

For Lang
Grades 9-12**Recommendation: French 1**

French 2 is a course that uses the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Students will learn how to communicate in French through simple conversation and develop skills in listening, speaking, reading and writing in the language. They will further explore the language and culture of the French-speaking world. Through speaking and listening to mostly French in class, students will develop the ability to communicate with ease in French at a basic level around familiar topics like self and family, school, preferences, everyday and leisure activities, celebrations, travel, and compare one's customs to those of the French-speaking world.

French 3

FOR1030

1 credit

For Lang
Grades 9-12**Recommendation: French 2**

French 3 is a course that transitions students' proficiency from novice to intermediate levels of language acquisition and production using the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Through speaking and listening to mostly French in class, students will refine their proficiency in listening, speaking, reading, and writing in French while developing a greater understanding of the variety of cultures in the French-speaking world through the study of familiar themes like health and wellness, technology, the environment and the arts.

French 4

FOR1040

1 credit

For Lang
Grades 10-12**Recommendation: French 3**

French 4 is a course that uses the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Through speaking and listening to mostly French in class, students will refine their intermediate proficiency in listening, speaking, reading, and writing in French while developing a greater understanding of the variety of cultures in the French-speaking world through the study of themes like health and wellness, science, technology, the environment, the arts, family and community.

French 5

FOR1050

1 credit

For Lang

AP French Language

FOR1060

1 credit

For Lang
Grades 11-12**Recommendation: French 4 or teacher recommendation**

French 5 and AP French Language and Culture are equivalent to intermediate level college courses in French. Students cultivate their understanding of French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges.

German 1

FOR3010

1 credit

For Lang
Grades 9-12

German 1 is an introductory course that uses the ACTFL World Readiness for Language Learning Standards and the Common Cores State Standards. Students will learn how to communicate in German through simple conversation and develop skills in listening, speaking, reading and writing in the language. They will explore the language and culture of the German-speaking world. Through speaking and listening to mostly German in class, students will develop the ability to communicate with ease in German at a basic level around familiar topics like self and family, school, preferences, and everyday customs.

German 2

FOR3020

1 credit

For Lang
Grades 9-12***Recommendation: German 1***

German 2 is an intermediate course that uses the ACTFL World Readiness for Language Learning Standards and the Common Cores State Standards. Students will learn how to communicate in German through more complex conversation and continue to develop skills in listening, speaking, reading and writing in the language. They will further explore the language and culture of the German-speaking world. Through speaking and listening to mainly German in class, students will progress in their ability to communicate in German at a basic level around relevant daily life topics like travel, personal interests, food, shopping, health, and holidays and customs.

German 3

FOR3030

1 credit

For Lang
Grades 10-12***Recommendation: German 2***

German 3 is a course that transitions students' proficiency from novice to intermediate levels of language acquisition and production using the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Through speaking and listening to mostly German in class, students will refine their proficiency in listening, speaking, reading, and writing in German while developing a greater understanding of the variety of cultures in the German-speaking world through the study of familiar themes (self, family, school, preferences, everyday and leisure activities, celebrations, travel, etc). Students will examine their customs and compare them to those of the German-speaking world.

German 4

FOR3040

1 credit

For Lang
Grades 10-12***Recommendation: German 3***

German 4 is a course that uses the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Through speaking and listening to mostly German in class, students will refine their intermediate proficiency in listening, speaking, reading, and writing in German while developing a greater understanding of the variety of cultures in the German-speaking world through the study of themes like health and wellness, science, technology, the environment, the arts, family and community.

AP German Language

FOR3050

1 credit

For Lang
Grades 11-12***Recommendation: German 4***

AP German Language and Culture is equivalent to an intermediate level college course in German. Students cultivate their understanding of German language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

Spanish 1

FOR2010

1 credit

For Lang
Grades 9-12

Spanish 1 is an introductory course that uses the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Students will learn how to communicate in Spanish through simple conversation and develop skills in listening, speaking, reading and writing in the language. They will explore the language and culture of the Spanish-speaking world. Through speaking and listening to mostly Spanish in class, students will develop the ability to communicate with ease in Spanish at a basic level around familiar topics like self and family, school, preferences, and everyday customs.

Spanish 2

FOR2030

1 credit

For Lang
Grades 9-12***Recommendation: Spanish 1 or its equivalent***

Spanish 2 is a course that uses the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Students will expand their ability to communicate in Spanish through simple conversation and continue to develop skills in listening, speaking, reading and writing in the language. They will further explore the language and culture of the Spanish-speaking world through use of authentic and created materials. Through speaking and listening to mostly Spanish in class, students will expand their abilities to communicate with ease in Spanish at a basic level around more themes like self and others, daily life in the community, home and family, and local and global community.

Spanish 3

FOR2040

1 credit

For Lang
Grades 9-12***Recommendation: Spanish 2***

Spanish 3 is a course that transitions students' proficiency from novice to more intermediate levels of language acquisition and production using the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Through speaking and listening to mostly Spanish in class, students will refine their proficiency in listening, speaking, reading, and writing in Spanish while developing a greater understanding of the variety of cultures in the Spanish-speaking world through the study of familiar themes.

<u>Spanish 4</u>	FOR2050	1 credit	For Lang Grades 10-12
<i>Recommendation: Spanish 3</i>			
Spanish 4 is a course that uses the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Through speaking and listening to mostly Spanish in class, students will refine their intermediate proficiency in listening, speaking, reading, and writing in Spanish while developing a greater understanding of the variety of cultures in the Spanish-speaking world through the study of themes like health and wellness, science, technology, the environment, the arts, family and community.			
<u>Spanish 5</u>	FOR2060	1 credit	For Lang Grades 11-12
<i>Recommendation: Spanish 4 or Spanish Language Arts 2 (DLI)</i>			
Spanish 5 is a course that uses the ACTFL World Readiness for Language Learning Standards and the Common Core State Standards. Through speaking and listening to mostly Spanish in class, students will refine their intermediate proficiency in listening, speaking, reading, and writing in Spanish while developing a greater understanding of the variety of cultures in the Spanish-speaking world through the study of themes like health and wellness, science, technology, the environment, the arts, family and community.			
<u>AP Spanish Language</u>	FOR2070	1 credit	For Lang Grades 11-12
<i>Recommendation: Spanish 4 or Spanish Language Arts 2 (DLI)</i>			
AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.			
<u>Spanish Literature and Language Arts 1 (DLI)</u>	FOR8050	1 credit	For Lang Grades 9-10
<i>Recommendation: Participation in middle school DLI program or heritage speaker with placement test.</i>			
In this course students will be exposed to literature and current issues in the Spanish-speaking world. Students will build upon prior knowledge of grammar, vocabulary, word use and the mechanics of writing. They will develop and apply this learning through the four skill domains of reading, writing, listening, and speaking through linguistically and culturally authentic tasks. In this course, students will be introduced to literary genres through texts written in Spanish for a Spanish-speaking audience from a range of historical eras and geographical contexts. This course is designed for students enrolled in the district's dual language immersion and developmental bilingual programs and is conducted entirely in Spanish. Other students who speak Spanish at home may be eligible and should consult with a guidance counselor prior to registering for this course.			
<u>Spanish Literature and Language Arts 2 (DLI)</u>	FOR8060	1 credit	For Lang Grades 9-10
<i>Recommendation: Participation in DLI program or heritage speaker with placement test.</i>			
In this one credit course, students further develop their Spanish literacy skills and understanding from the Common Core State Standards and ACTFL World Readiness for Language Learning Standards. Students hone their abilities to read, write, and think critically, while engaging in Spanish language texts, both literary and informational around universal themes. The course is conducted exclusively in Spanish and focuses on accurate communication through different domains in the Spanish language. Extensive reading, vocabulary building, and grammar practice develop greater student language proficiency and prepare students for the AP Spanish Language and Culture course.			
<u>AP Spanish Literature & Culture</u>	FOR8080	1 credit	For Lang Grades 11-12
<i>Recommendation: AP Spanish Language</i>			
AP Spanish Literature is equivalent to a college level introductory survey course of literature written in Spanish. Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language as well as critical reading and analytical writing as they explore short stories, novels, plays, essays, and poetry from Spain, Latin America, and U.S. Hispanic authors along with other non-required texts. This course qualifies for the Global Scholars Program.			
<u>Language and Community Engagement</u>	FOR8095	1/2 credit	For Lang Grades 10-12
Students who have studied a language in school or are heritage speakers will have the opportunity to continue their language study in an individualized way with an emphasis on using the language outside of a classroom setting and in the local and global community. Students will also be able to pursue the Seal of Biliteracy through this coursework. Through opportunities for engagement in the target language, students will explore individualized cultural areas of interest. Opportunities to engage in language use and exploration outside of the classroom will be a major focus. The course will culminate in a student-led project that reflects the semester's learning.			

WORK CREDIT & SOCIAL AND EMOTIONAL LEARNING - SPECIAL EDUCATION

***These courses are available to students who have an IEP. Courses are selected by IEP teams and case managers. These courses meet graduation requirements but typically offer curriculum that does not meet 4 year college requirements.

Introductory Vocational Skills

A-GEN3200

1 credit

Elective
Grades 9-12

This course is designed to introduce ninth and tenth grade students to a variety of vocational experiences within the school setting. Students will explore jobs and learn and develop early work habits and skills.

Supported Employment Skills

A-GEN3230

1 credit

Elective
Grades 10-12

This course is designed to provide community experiences in beginning vocational skills. Students will participate in volunteer jobs in order to build both work skills and resumes for future paid jobs. Students appropriate for this class have moderate to severe disabilities.

Competitive Employment Skills

A-GEN3240

1 credit

Elective
Grades 11-12

The Competitive Employment program is an opportunity for functional job skills training in the Madison metropolitan community based on a student's individual education plan (IEP) goals. Students may work during the scheduled school day. A special education teacher will monitor the student's progress and address vocational IEP goals. The purpose of this program is to assist students in developing vocational skills and attitudes necessary for competitive employment. Students are also encouraged and given assistance in finding employment. Students in this program are given credit for working.

Vocational Skills

A-GEN3210

1 credit

Elective
Grades 11-12

This course is designed to provide experiences that will help students gain employability skills necessary for successful competitive employment. Students explore employment options and learn job skills through volunteering for jobs in school and in the community.

Post Grad Supported Employment Skills

A-GEN3250

1 credit

Elective
Post Grad Only

This course is for students who are age 18 and over, who are in the final stages of transition out of high school. Students appropriate for this program have significant needs. Case managers should work with the transition teacher to determine if the program is appropriate.

Independent Living

A-GEN2210

1 credit

Elective
Grades 9-12

In this class students learn the IEP process through a variety of learning activities that culminate into a transition resource plan they can bring with them upon graduation. Case manager approval needed to enroll.

Self Determination

A-GEN2340

1 credit

Elective
Grades 9-12

In this course students will learn concepts and skills that will assist them in taking control of their own life choices by learning about and knowing themselves, setting goals, sharing goals, selecting support people/services, and making choices. These self-determination skills will have the potential to increase successful secondary and postsecondary outcomes for students.