

CHILTON HIGH SCHOOL

2020 - 2021

COURSE DESCRIPTION

&

REGISTRATION GUIDE

TABLE OF CONTENTS
GENERAL INFORMATION

Message to Students & Parents	3
District Mission & Vision Statements	4
Notice of Non-Discrimination Policy	5
Graduation Requirements	6-7
Career Clusters	8
Wisconsin System Admissions Requirements	9
Technical College Requirements	10
Military Enlistment and NCAA Requirements	10
Earning College Credit at CHS	11-12
Distance Learning Course Catalog	13-14
Scheduling at CHS	15-16
School Fees	17
Course Listings	178-19
Athletics at Chilton High School	64

A Message to Students & Parents

Dear CHS Students & Parents,

Welcome to the registration process for the 2020 - 2021 school year! The registration process is of primary importance to students as they engage in making school programming decisions, because those decisions may significantly shape the direction of their lives and career choices. Therefore, it is crucial that students follow all instructions carefully. This booklet is designed to assist students and their parents with that process.

We encourage students to be long-range planners. Students should use the tools and forms contained within this booklet to not only plan the courses in which they wish to enroll for next year, but also keep a watchful eye on what they have taken in the past and what they propose to take in the future. Students should keep their options open and develop a high school program that will allow them flexibility as they face future career decisions in an ever-changing world. Preparing well in high school increases the number of choices students will have as they explore the world of work, military and/or the colleges they wish to attend, be they 2- or 4-year university programs or 2-year technical associate programs.

Students should plan for courses in high school that will help them develop fully as a person. Academically, students should develop competencies in reading, writing, speaking, listening, mathematics, reasoning, and organized study. Students should seek core-curricular coursework as well as exploratory courses and extra-curricular activities that will assist them as they grow socially and emotionally. Finally, students should use every high school experience to grow to understand who they are as a person, what they value and why, and how these understandings of self will connect to the world and to others with whom they share their world.

General recommendations for a sound academic program in high school include 1) four credits of English; 2) three to four credits of Mathematics; 3) three to four credits of Science; 4) four credits of Social Studies; 5) and an additional four credits from one or more of the following curricular areas: world languages, fine arts, computer science and other academic areas. Reviewing the pages that follow will provide students with more specific information about required courses, exploratory courses, how often they meet, their credit value, and recommended prerequisites. Some of the courses are term length courses while others meet for multiple terms.

We are here to serve students and provide for their needs as they make their journey through their high school experience. We welcome and are ready to help students and parents with any questions, concerns, or problems they may have regarding the registration process or their high school experience.

Respectfully yours,

Mr. Shawn Rude, Principal
Chilton High School

Mrs. Denys Mallmann, School Counselor
Chilton High School

Chilton Public School District Mission Statement

We, the Chilton Public School District, believe that preparing students to achieve their potential is our highest priority. In partnership, with all members of our community, we are committed to inspiring our students to be life-long learners and responsible, contributing members in a global society.

Chilton Public School District Vision Statement

Our vision is to:

- be an innovative school system recognized for every student's demonstration of the skills necessary to succeed in a rapidly changing world
- demonstrate continuous improvement through the delivery of a challenging education program that fosters student achievement, accommodates individual learning styles, and values personal integrity
- develop an interactive partnership between the school district and the community that is mutually beneficial.

Chilton Public School District Core Values

We Value: Honesty, Integrity, Community Service, Respect for all, School facilities that support safe learning environments, Financial stability, the teaching and learning process: they are the core business of our schools, Continuous improvement in delivering an excellent educational program, A highly trained, professional staff, Our reputation as a high performing school district, All students succeeding at high levels.

Chilton Public School District Belief Statements

1. We believe that all students can learn at high levels.
2. We believe that all students are entitled to a rigorous curriculum that challenges each student's capacity to learn.
3. We believe that teacher effectiveness and expertise have a significant impact on student learning.
4. We believe that our financial and human resources must directly support student learning.
5. We believe that the success of every student is critical to the future of our schools, our community, our nation and the global marketplace in which they will work.

NOTICE OF NON-DISCRIMINATION POLICY

It is the policy of the School District of Chilton that no person shall, on the basis of sex, race, color, national origin, ancestry, creed, pregnancy, marital, paternal status, sexual orientation or physical, mental, emotional or learning disability, or other criteria established by the government of the United States of America or the State of Wisconsin, be denied admission to any school or be denied participation in nor the benefits of or be discriminated against in any class, program, or activity and in employment. All Career & Technical Educational opportunities adhere to the District's policies of non-discrimination.

Specific complaints of alleged discrimination should be referred to:

Mrs. Pam Schuster, Principal
Chilton Elementary School
421 Court Street
Chilton, WI 53014

Or

Mr. Matt Kiel, Principal
Chilton Middle School
421 Court Street
Chilton, WI 53014

Or

Mr. Shawn Rude, Principal
Chilton High School
530 W. Main Street
Chilton, WI 53014

Or

Mrs. Sue Kaphingst, Superintendent
Public School District of Chilton
530 West Main Street
Chilton, WI 53014

CORE AREA GRADUATION REQUIREMENTS CHECKLIST

Class of 2020 and Beyond

Language Arts - 4 credits

	English 9 OR American Studies	1.0 credit
	English 10 OR Sophomore Creative Writing OR AP Seminar	1.0 credit
	English 11 OR AP Language & Composition OR AP Seminar OR AP Literature & Composition OR AP Research	1.0 credit
	English 12 OR AP Language & Composition OR AP Literature & Composition OR Written/Oral Communication (Fox Valley Technical College Dual Credit Course) OR AP Research	1.0 credit

Social Studies – 4 credits

	Recent U.S. History OR American Studies OR AP Human Geography	1.0 credit
	World History OR AP US History/AP US Government OR AP Euro	1.0 credit
	American Government AND Economics (.5 credit ea.)	1.0 credit
	Sociology OR Psychology OR Contemporary Affairs OR AP U.S. History/AP U.S. Gov't OR AP Psychology OR AP Human Geography (all can be taken Junior year as well)	1.0 credit

Math - 3 credits

	Intro to Algebra	1.0 credit
	Algebra	1.0 credit
	Geometry	1.0 credit
	Math for the Trades	1.0 credit
	Advanced Algebra	1.0 credit
	Pre-Calculus	1.0 credit
	AP Calculus AB	1.0 credit
	AP Calculus BC Supplement	1.0 credit

Science – 3 credits

	Physical Science	1.0 credit
	Biology	1.0 credit
	Chemistry I	1.0 credit
	Chemistry II	1.0 credit
	Physics	1.0 credit
	Energy: Conservation & Society	1.0 credit
	Human Anatomy & Physiology	1.0 credit
	Agriscience for Equivalency: Small Animal Veterinary Science	0.5 credit
	Agriscience for Equivalency: Greenhouse Management & Landscape Design OR Animal Science	1.0 credit

Physical Education – 1.5 credits

	9 th Grade Physical Education	0.5 credit
	10 th Grade Physical Education	0.5 credit
	Team Sports OR Weight Training OR Lifetime Fitness OR Waterworks: H2O 4 U OR Adventure Challenge OR Advanced Outdoor Adventure Challenge OR Functional Fitness Training	0.5 credit

Health – 0.5 credits

	Healthful Living	0.5 credit
--	------------------	------------

Leadership – 0.5 credits

	Personal Leadership	0.5 credit
--	---------------------	------------

Financial Literacy – 0.5 credits

	Personal Finance	0.5 credit
--	------------------	------------

Electives – 11 credits

Courses of Study/Career Pathways & Clusters

Chilton High School will continue to incorporate the Career Clusters into the course selections. These tools, Courses of Study and Career Pathways are ways for students to group their required courses and electives into a coherent sequence in preparation for college and careers. Utilizing the 16 Career Clusters, students can identify pathways from high school to 2- and 4-year colleges, graduate school, and/or directly to the workplace. By connecting education to future goals, students are motivated to work harder and enroll in more rigorous courses.

The 16 Career Clusters are:



Almost all career possibilities can be found within the Career Clusters. Students at Chilton High School are encouraged to visit Chilton High School's Guidance website to view all of the CHS Pathways. Communicating career and educational goals to your School Counselor, Advisor, Teachers, and Parents, working with the WISCareers website at www.wiscareers.wisc.edu, exploring the 16 Career Clusters at www.careerclusters.org, and career pathways at www.wicareerpathways.org, can aid students in choosing relevant and applied coursework designed to meet their individual educational and career goals.

WISCONSIN SYSTEM ADMISSIONS REQUIREMENTS

The range of courses offered at today's high schools is designed to prepare students with differing interests and abilities for a wide variety of life-after-high-school options. It is highly encouraged that you educate yourself on which classes you need to take in order to head in the direction that you wish to go. You will find useful information in the school counseling office and on the CHS Guidance web site.

All University of Wisconsin System institutions require new freshmen to have completed a **minimum** of 17 credits distributed as follows. Thirteen of these credits must be "core-college preparatory" from the following areas of study:

English	4 credits
Mathematics	3 credits
Natural Science	3 credits
Social Science	3 credits

In addition to the "core college preparatory" credits identified, students need to complete a minimum of four elective credits as follows:

Electives An additional 4 credits may be chosen from any of the following areas:
World language, fine arts, computer science and other academic areas.

ADDITIONAL ADMISSIONS REQUIREMENTS - Requirements vary by institution

- UW-Madison requires applicants to complete two years of a Single World Language upon entrance to college.
- UW-Parkside, UW-Platteville, and UW-Milwaukee require applicants to complete two years of a World Language upon entrance to college or before completion of an undergraduate degree. This can be satisfied by taking two years of the same world language in high school.
- UW-Madison will require that students pass a World Language proficiency test in order to receive credit for work completed in high school. If a student does not demonstrate proficiency, he/she may be required to take world language credits to satisfy these requirements
- Private colleges/universities resemble the UW-System standards for entrance; however, they do reserve the right to set their own standards which can vary from one institution to another.

All students are encouraged to exceed the minimum number of college preparatory credits required for admission. Students who choose a rigorous high school curriculum are, in most cases, more successful in college. Strong academic preparation for college helps to ensure success.

Though all UW System campuses require a **minimum** of 17 college preparatory credits, campus-specific college preparatory course requirements provide more detailed information by campus.

Technical College Requirements

English	4 Credits
Math	2 Credits
Science	2 Credits – Chemistry is required for many Health Care programs
Social Studies	3 Credits
Computer Literacy	Crucial for most programs
Keyboarding	Crucial for most programs

Some programs within the technical college system **require** students to take the **ACT**. Those programs have a strong emphasis on math and science and additional course work may be necessary for students to complete at the high school level. Please contact the technical college for more information regarding when a student should apply.

Career & Technical Education Opportunities

Parents and students should be aware that several opportunities in Career & Technical Education (CTE) are available to students at both Chilton Middle and High Schools. Many of these CTE opportunities are in the form of specific course work while others are experiential in nature. These CTE opportunities are included in the following subject areas:

Family & Consumer Ed.
Business & Information
Technology

Agricultural Sciences

Technology & Engineering

Health Science Education

CHS Career Capstone

For more information regarding the district's CTE opportunities, please contact the Middle School Counselor at 920-849-9152 or the High School Counselor at 920-849-2358.

It is the policy of the School District of Chilton that no person shall, on the basis of sex, race, color, national origin, ancestry, creed, pregnancy, marital or paternal status, sexual orientation, or physical, mental, emotional or learning disability, or other criteria established by the government of the United States of America or the State of Wisconsin, be denied admission to any school or be denied participation in nor the benefits of or be discriminated against in any class, program, or activity and in employment. All CTE programs and opportunities adhere to the district's policies of non-discrimination.

Military Enlistment

A high school diploma is required for enlistment in all branches of the military. The Armed Services Vocational Aptitude Battery (ASVAB) test is also required.

Students not interested in a military career may still wish to take the ASVAB test to gain career information.

NCAA Clearinghouse – Athletic Divisions I & II

Athletes intending to compete in Division I and Division II colleges must complete the online NCAA Clearinghouse requirements. Information about the NCAA Clearinghouse is available from the School Counselor, Athletic Director, or the NCAA website (www.ncaa.org).

CHS Students Services

For information on post-secondary options such as 2 or 4 year colleges, the military, Start College Now, Independent Studies, or for information on paying for college and/or scholarships, please go to the CHS Student Services web page via the high school web page.

The School Counselor is also always available for any questions or concerns a student may have in regards to academic, social, and emotional needs.

Earn College Credit at Chilton High School!

Department	Course Title	9th	10th	11th	12th
Language Arts	English Language & Composition			✓ AP +	✓ AP +
	English Literature & Composition			✓ AP +	✓ AP +
	FVTC Written/Oral Communications				✓ TC +
	FVTC Written Communications				✓ TC +
	AP Seminar		✓ AP +	✓ AP +	
	AP Research			✓ AP +	✓ AP +
Math	AP Calculus AB				✓ AP
	AP Calculus BC Supplement				✓ AP
	Math for the Trades			✓ AS	✓ AS
Social Studies	AP Human Geography		✓ AP	✓ AP	✓ AP
	AP European History			✓ AP+	✓ AP+
	US History/US Government		✓ AP +	✓ AP +	✓ AP +
	AP Psychology			✓ AP	✓ AP
	Psychology			✓ AS	✓ AS
	Sociology			✓ AS	✓ AS
Business Education	AP Computer Science Principles		✓ AP	✓ AP	✓ AP
	Personal Finance			✓ TC +	✓ TC +
	Intro to Programming (Imagine Academy)	✓ TC	✓ TC	✓ TC	✓ TC
	Accounting 1		✓ TC	✓ TC	✓ TC
	MS Office Suite	✓ TC	✓ TC	✓ TC	✓ TC
	Principles of Business		✓ TC	✓ TC	✓ TC
	Principles of Marketing			✓ TC	✓ TC
	Entrepreneurship		✓ TC	✓ TC	✓ TC
FACE	Personal Finance			✓ TC +	✓ TC +
Agriscience	Greenhouse Management & Landscape Design		TC	TC	TC
	Animal Science		TC	TC	TC
Technical Education	G.M.A.W. (Gas Metal Arc Welding)			✓ AS	✓ AS



Eligible Year

+ Fulfills graduation requirement (AP US History/US Government may replace Early & Recent US History & American Government) (AP English Language may replace English 11 or 12) (AP English Literature or Written Communication may replace English 12) (AP European History may replace World History)

College Level Examination Program (CLEP)

CLEP is a series of examinations that allows a student to demonstrate knowledge in a wide range of subjects.

Interested students should:

- a. Read the descriptions of exams to see if you may be ready, or close to ready, to take an exam in any of the 34 subject areas
- b. See if the college you attend or plan to attend grants credit for CLEP exams
- c. See if the college you plan to attend administers the CLEP exams
- d. See the counselor for further explanation

	ADVANCED PLACEMENT (AP)	DUAL ENROLLMENT	TRANSCRIPTED CREDIT (TC)	ADVANCED STANDING (AS)
DESCRIPTION	AP courses provide exposure to college level coursework. Success on AP coursework is a good indication of college readiness.	Concurrent enrollment allows students to take college level coursework through a post-secondary	Transcripted credit (TC) is a type of concurrent enrollment; however, is most often used to describe concurrent enrollment within the WI Technical College System (WTCS). Regardless, all concurrent enrollment courses are 'transcripted' in that student receive a formal transcript from the provider. FVTC course standards and grading exceptions will be followed in all of our TC courses.	FVTC has established advanced standing agreements with Chilton High School. Students who complete a course designated as having Advanced Standing at their high school may receive credit from their high school and become eligible to receive advanced standing from WI technical colleges.
LOCATION	Chilton High School	Chilton High School	Chilton High School	Chilton High School
TAUGHT BY	Chilton teachers	Chilton teachers who have been certified by the college awarding the credits.	Chilton High School teachers who have been certified by FVTC.	Chilton High School teachers who have been approved by FVTC.
REQUIREMENTS	AP Courses will require a signature from the school counselor and/or a teacher recommendation. Student grades and test scores will be taken into account when deciding if an AP course is appropriate for each student	Varies by course taken. Please check the course registration book for prerequisites.	Varies by course taken.	Varies by course taken.
GRADES & CREDIT OPPORTUNITY	A student's grade is based on class performance. However, the ability for credit transfer is based on their score on the AP exam. Typically, scores of 3 or above (1-5 scale) are considered passing; however, some schools require a score of 4 or 5 for a direct credit transfer. AP Credits are considered 'credits in escrow' as they are not guaranteed nor are they 'transcripted' until a student is admitted to a post-secondary institution. Many AP courses will transfer as elective credit. Students receive AP exam scores in July	Grades are earned through the college awarding credit. Taking any form of concurrent enrollment begins your official college transcript. You will have to apply and pay for your credits within the first couple weeks of the course. Credit transfer is at the sole discretion of your selected post-secondary institution. Please contact your post-secondary institution to ask about transfer credit or use the available credit transfer wizard (TIS). Any students paying application, tuition fees and earning a "C" grade or better will earn college credit.	Grades are earned through the college awarding credit. Taking any form of concurrent enrollment begins your official college transcript. In most, you apply prior to taking the course. In others, you apply for your credits following successful completion of the course. Credit transfer is at the sole discretion of your selected post-secondary institution. Please refer to the available credit transfer wizard (TIS) or contact your post-secondary institution.	Grades and credits are earned through the high school. All WI technical colleges will accept advanced standing from other technical colleges if the course competencies and credits are comparable. Students are eligible to receive advanced standing credit if they successfully complete an advanced standing designated course, enroll in a technical college degree program, and present appropriate documentation of completion of the high school course. FVTC makes the final determination of the awarding of advanced standing.
COST	The AP exams cost about \$92. AP College Board dictates the cost per year.	Students must pay tuition and application fees	None	None

2020-2021

Instructional Television / Distance Learning Programming at Chilton High School

PROGRAM DESCRIPTION

The Distance Education Learning Program provides opportunities for students to take courses that are not regularly offered at Chilton High School. The Distance Learning Network is comprised of area high schools, Fox Valley Technical College, Northwest Technical College.

Classes are Two-Way Interactive full motion video and audio transmission. This distance learning network will expand and enhance high school curriculum, and offer unique opportunities to students, youth and adults alike.

To be eligible to enroll in and participate in a Distance Education Course at Chilton High School the student must:

1. Receive Principal and Guidance Counselor approval (Past academic and behavior records will be used to determine approval)
 - a. **Students must have a 2.75 cumulative GPA or higher**
 - b. **Have no other behavior referrals**
2. Have on file a completed Distance Learning Student Usage Agreement
3. Complete Start College Now Application.

Note: Some Distance/Blended Educational classes may be cancelled due to low enrollment and/or other exigent circumstances.

Independent Study

Independent study may provide additional or further depth into a course already listed in the school's curriculum; it may provide the opportunity for the study of a unit not covered in the school curriculum; or it may be an alternative method for taking a particular course if scheduling conflicts occur.

CHS Guidelines for Enrollment in Independent Study Courses:

- a. Requests must be completed on the application available in the school counselor's office and submitted before the quarter begins.
- b. The student must have a teacher that will oversee their independent study.
- c. Letter grades will be awarded by the teacher and calculated into the grade point average.
- d. Administrative review is required for all courses.
- e. The teacher may withdraw approval of the independent study if the student fails to meet agreed upon deadlines.
- f. Student failing to complete independent study courses are not eligible for additional independent study opportunities.

Scheduling

Registering for the correct courses is the responsibility of the students. The school counselor and teachers make group presentations during Registration Day describing graduation requirements, course pre-requisites, and post-secondary school opportunities. Students who have further questions are encouraged to set up an appointment with the counselor for individual guidance about their schedule. All students complete course selection forms and parents are expected to review and sign the forms.

Course Changes

Since the administration staffs the school with teachers and orders equipment and supplies based on the number of students enrolled in each course, we will not make changes unless it is absolutely necessary. Therefore, you should regard your decisions as unchangeable and carefully select courses.

Prior to making a request to change your classes, review the following guidelines which will be used to consider denial or approval of your request.

Requests will be considered when:

1. Physical limitations prevent you from participating in a class (doctor's excuse required).
2. You have a need to alleviate credit deficiencies.

Requests will be denied when:

1. Courses of interest are already filled and considered closed.
2. The course to be dropped has a minimum enrollment after schedules have been set

Prior to any program change requests being honored, a conference with the school counselor, affected teachers, building administration, and the student will need to take place. Parent's permission will be required of all program changes.

Students who are given permission to drop a course after the first (1st) week of the term a course begins will be given a failing grade for the course. Exigent circumstances may exempt some students from the policy.

In early summer our counselor notifies students and parents as to the summer days they will be available at the high school for final scheduling adjustments. Students who have scheduling conflicts, need a course change due to a previously failed class, or are new to the district are to schedule appointments with their counselor at these announced times.

LOW ENROLLMENT COURSES – STUDENT OPTIONS

A course considered having a lower than desirable number of interested students registered will be analyzed carefully. There is a strong possibility that low enrollment courses will be cancelled and considered for scheduling during a subsequent school year. Students who find themselves registered for a course considered for cancellation should consider alternative courses for which to register should their original choice be cancelled.

Course Failures

Students are responsible for the re-scheduling of **required** subjects made necessary because of failures. Students who fail courses should set up an appointment with their counselor at the earliest opportunity to revise their schedule for the next semester or school year to include the failed **required** course. Required courses that have been failed should be rescheduled as soon as possible.

Students may be eligible to recover credit for certain required courses during the summer (rather than retake the whole course). Eligibility for credit recovery during the summer depends on final course percentage (minimum 50%), transportation to and from school during the summer, etc. Students who are able to recover credit for a course will receive a P (Pass) for the failed semester.

Course Fee Report 2020-2021

Many of the courses at Chilton High School have a fee or participation cost that must be collected at registration. This information is being provided at this time so that you are aware of the cost of participating in these courses.

Course No.	Course Title	Fee per Student
0949	Introduction to Art	\$25.00
0950	Drawing	\$25.00
0951	Painting	\$25.00
0960	3D Art	\$25.00
0961	Graphics & Design	\$25.00
0962	Adv. Ceramics and Sculpture	\$25.00
0963	Studio Arts	\$25.00
0964	Adv. Drawing & Painting	\$25.00
0715	Basic Foods	\$20.00
0719	Advanced Foods	\$25.00
0778	Principles of Engineering	\$25.00
0780	Intro to Woods	\$25.00 + projects
789A (B)	Advanced Woods	\$25.00 + projects
0783	Intro to Metals	\$25.00 + projects
787A (B)	Advanced Metals	\$25.00 + projects
783D	GMAW Welding	\$75.00 + projects
0769	Intro to Electricity	\$25.00 + projects
0770	Advanced Electricity	\$25.00 + projects
0833	Consumer Auto Maintenance Technology	\$25.00
834A (B)	Advanced Powers	\$25.00
775A (B)	Residential and Agricultural Construction	\$25.00
0913	Advanced Outdoor Adventure Challenge	\$20.00

General School Fees

There are other fees associated with attending Chilton High School that vary depending on what grade level the student is in and extra-curricular activities they are involved in. This information is being provided at this time so that you are aware of the costs.

Fee Type	Fee per student
General School Fee	\$35.00
9 th Grade Class Dues	\$7.00
10 th Grade Class Dues	\$7.00
11 th Grade Class Dues	\$7.00
12 th Grade Class Dues	\$7.00
Athletic Fee	\$95.00

CHILTON HIGH SCHOOL
COURSE OFFERINGS BY DEPARTMENT

IMPORTANT NOTE:

**Courses listed that include a “bracketed” “B”, e.g. (B),
are courses that may be taken for additional credit in the same school year. See course
description for more information.**

APPLIED CAREER READINESS

0847 & 0848 Career Capstone I & II (1.0-2.0 cr.)
0851 Truck Driving Certificate (Audit)

ART

0951 Drawing (.5 cr.)
0952 Painting (.5 cr.)
0960 Three Dimensional Art (1.0 cr.)
0961 Graphics & Design (.5 cr.)
0962 Adv. Ceramics and Sculpture (1.0 cr.)
0963 Studio Arts (1.0 cr.)
0964 Adv. Drawing & Painting (1.0 cr.)

BUSINESS TECHNOLOGY

Business Strand

0620 Accounting I (1.0 cr.)
0622 Accounting II (1.0 cr.)
0632 Intro to Business (.5 cr.)
0646 Personal Finance (.5 cr.)
0667 Principles of Business (.5 cr.)
0669 Principles of Marketing (.5 cr.)
7850 Entrepreneurship (.5 cr.)

Computer Science

0636 Intro to Programming (Imagine Academy) (0.5 cr.)
0655 MS Office Suite (0.5 cr.)
0651 Exploring Computer Science (1.0 cr.)
0200 AP Computer Science Principles (1.0 cr.)

FAMILY & CONSUMER EDUCATION

0095 Medical Terminology (.5 cr.)
0715 Basic Foods (.5 cr.)
0719 Advanced Foods (.5 cr.)
0646 Personal Finance (.5cr.)
0733 Healthful Living (.5 cr.)
0727 Child Development I (.5 cr.)
0728 SHARE (.5 cr.)
0730 Intro to Health Occupations (.5 cr.)
0735 Certified Nursing Assistant (1.0 cr.)

WORLD LANGUAGES

0535 Spanish I (1.0 cr.)
0536 Spanish II (1.0 cr.)
0538 Spanish III (1.0 cr.)
0539 Spanish IV (1.0 cr.)
G001 French I (1.0 cr.)
G011 French II (1.0 cr.)
5555 American Sign Language (.5 cr.)

LANGUAGE ARTS

0110 English 9 (1.0 cr.)
0120 English 10 (1.0 cr.)
0130 English 11 (1.0 cr.)
0140 English 12 (1.0 cr.)
0141 AP English Literature & Comp. (1.0 cr.)
0142 AP English Language & Composition (1.0 cr.)
0147 FVTC Written Communication/Oral Comm. (1.0 cr.)
0146 FVTC Written Communications (1.0 cr.)
0150 Writing & Design I (1.0 cr.)
0152 Writing & Design II (1.0 cr.)
0175 American Studies (2.0 cr.)
0177 Creative Writing (1.0 cr.)
0149 AP Seminar (1.0 cr.)
0148 AP Research (1.0 cr.)

EDUCATIONAL AIDE

989A (B) Educational Aide (.25 cr.)
0981 Big Brothers Big Sisters

MATHEMATICS

0416 Intro to Algebra (1.0 cr.)
0410 Algebra (1.0 cr.)
0420 Geometry (1.0 cr.)
0425 Math for the Trades (1.0 cr.)
0430 Advanced Algebra (1.0 cr.)
0441 Pre-Calculus (1.0 cr.)
0444 AP Calculus AB (1.0 cr.)
0447 AP Calculus BC Supplement (1.0 cr.)

MUSIC

0973 Symphonic Band (1.0 cr.)
0983 Mixed Chorus (1.0 cr.)
0985 Concert Chorale (1.0 cr.)
0976 Wind Ensemble (1.0 cr.)

PHYSICAL ED

0900	9 th Grade Phy. Ed. (.5 cr.)
0902	Virtual Phy Ed. (.5 cr.)
0907	10 th Grade Phy. Ed. (.5 cr.)
904A (B)	Weight Training (.5 cr.)
905A (B)	Personal Fitness (.5 cr.)
906A (B)	Team Sports (.5 cr.)
908A (B)	Lifetime Fitness (.5 cr.)
909A (B)	Functional Fitness Training
0910	Waterworks: H2O 4 U (.5 cr.)
0912	Adventure Challenge (.5 cr.)
0913	Advanced Outdoor Adventure Challenge

SCIENCE

0312	Physical Science (1.0 cr.)
0325	Human Anatomy & Physiology (1.0 cr.)
0330	Chemistry I (1.0 cr.)
0332	Chemistry II (1.0 cr.)
0340	Physics (1.0 cr.)
0350	Biology (1.0 cr.)
0356	Energy: Conservation & Society (1.0 cr.)

SOCIAL STUDIES

0250	Contemporary Affairs (1.0 cr.)
0203	World History (1.0 cr.)
0228	Recent U.S. History (1.0 cr.)
0242	American Government (.5 cr.)
0245	Economics (.5 cr.)
0243	Sociology (1.0 cr.)
0246	Psychology (1.0 cr.)
0247	AP Psychology (1.0 cr.)
0251	AP Human Geography (1.0 cr.) AP U.S. History/AP U.S. Government (2.0 cr.)
0252	(2.0 cr.)
0261	AP European History (1.0 cr.)
2250	Criminal Justice Systems (.5 cr.)

AGRISCIENCE

0815**	Animal Science (1.0 cr)
0817 **	Small Animal Veterinary Science (.5cr)
0819	Horse Science (.5 cr)
0827	Wildlife & Forestry (.5cr)
0828**	Greenhouse Mgmt. & Landscape Design (1.0cr.)
0840	Personal Leadership (.5cr)

** = Science Equivalency Credit

TECHNICAL EDUCATION

0780	Intro to Woods (.5 cr.)
789A (B)	Advanced Woods (.5 cr.)
775A (B)	Residential & Agriculture Construction (.5 cr.)
0783	Intro to Metals (.5 cr.)
787A (B)	Advanced Metals (1.0 cr.)
0769	Intro to Electricity (.5 cr.)
0783D	GMAW Welding (1.0 cr.)
0770	Advanced Electricity (.5 cr.)
0776	Advanced Design - Drafting (.5 cr.)
0777	STEM: Introduction to Engineering Design (.5 cr.)
0778	STEM: Principles of Engineering (1.0 cr.)
0799	Tiger Manufacturing (.5 -1.0 cr.)
0835	Consumer Auto Maint. Technology (.5 cr.)
0834A (B)	Advanced Power (.5 cr.)

Additional Course Opportunities

Students who have unique academic needs or circumstances are encouraged to see the School Counselor to discuss those needs or circumstances. There may be resources outside of the confines of Chilton High School to help students find courses that will meet any unique academic needs and/or circumstances to include, but not necessarily limited to the following:

- i. Distance Learning**
- ii. Advanced Placement Exam Opportunities**
- iii. Independent Study**
- iv. Dual Credit**

See the School Counselor as soon as possible to discuss your needs as many of the above options may have minimum requirements and/or application deadlines that must be strictly adhered to.

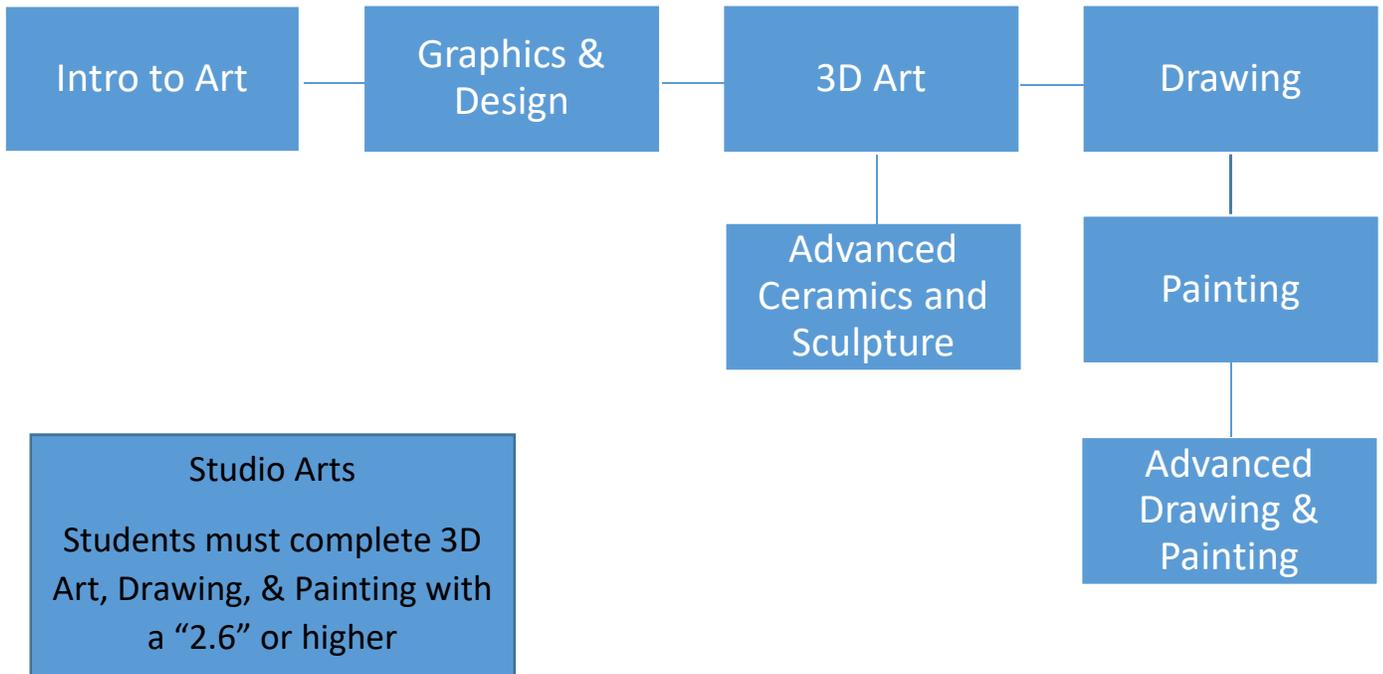
CAREER READINESS COURSES

0847 – CAREER CAPSTONE I			
Semester Course	Grades 11-12	1.0 Credit	Prerequisite: Instructor Permission (Submit Application) & Successful Completion of Career & Technical Courses in your chosen career area
<p>Are you unsure of your career plans after high school? Not sure about which Career Pathway you should pursue? Then this is the course for you! The Career Capstone course is a work-based learning program which is composed of both classroom time and on-the-job learning. In the classroom students will have the ability to explore career pathways and post-secondary options in addition to learning tips as it relates to topics such as communication skills, teamwork, and professionalism, and others, in order to achieve success in the workplace. Students will prepare a cover letter, resume, and participate in the interviewing process. Students and the instructor will work together to locate a training site that applies to the student’s career interests where they will have the opportunity to explore first-hand the tasks and responsibilities of employment in their potential career field. Weekly work logs, work-site visits by the instructor and evaluations done by both the employer and instructor will be included throughout this course.</p> <p>Students will have the option to pursue Wisconsin’s Employability Skills Certificate Program with the successful completion of state required competencies and the required work hours within one year. Maintaining a passing grade in ALL of your classes running concurrently with this class is a mandatory requirement to staying in the class.</p>			

0848 – CAREER CAPSTONE II			
Semester Course	Grades 11-12	1.0 Credit	Prerequisite: Instructor Permission (Submit Application), Successful completion of Career Capstone I, & Enrollment in Wisconsin Youth Apprenticeship Program via Instructor
<p>After the successful completion of Career Capstone I, students may enroll in Career Capstone II with the Instructor’s Permission. Career Capstone II enrolls students in the Wisconsin Youth Apprenticeship program. During this program, students will continue improving their skill sets obtained in Career Capstone I. This course provides work release time in addition to weekly work logs, work-site visits by the instructor and evaluations done by both the employer and the instructor. Students must obtain the competencies as outlined in the Youth Apprenticeship program of their choice. There is no classroom portion to this course.</p> <p>Maintaining a passing grade in ALL of your classes running concurrently with this class is a mandatory requirement to staying in the class.</p>			

ART

Below is the sequence of Art Classes available at Chilton High School. Students may begin in any art class outlined in the first level.



ART

0949 – INTRODUCTION TO ART

0949 – INTRODUCTION TO ART			
Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
<p>This class is a beginning course for students with little or no prior art experience. This course will explore the fundamental concepts of visual art through projects in various two and three-dimensional media. Both traditional and non-traditional approaches are taught by using a variety of media that may include: computer art, printmaking, clay, painting, collage, and ordinary objects that can be transformed into creative works of art. The emphasis of this course is participation, effort, and sensitivity to the principles of visual organization.</p> <p>Course fee: \$25.00 per year. Students may have to purchase their own additional materials.</p>			

0950 – DRAWING

0950 – DRAWING			
Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
<p>The emphasis of the course will focus on various drawing media such as pencil (graphite and colored), pastels and charcoal using a variety of techniques. Students will improve their drawing skills with varying techniques such as contour, gesture, perspective, value shading, crosshatching, and pointillism. Students will develop a strong sense of design through decision making and problem solving projects and will apply the elements and principles of design to their project creations.</p> <p>Course fee: \$25.00 per year. Students may have to purchase their own additional materials.</p>			

0951 – PAINTING

0951 – PAINTING			
Term Course	Grades 9-12	0.5 Credit	Prerequisite: Must have completed Drawing with a “2.6” average or higher.
<p>The emphasis of this course will focus on various painting media such as watercolor, acrylic and oil paint. Students will build upon their drawing skills and apply them to the medium of paint. Techniques such as priming, blending, shading, glazing, mixing colors, washes and combining oil and acrylic paint with other media, will be explored. In this course, students will build their own canvasses to paint on. Students will also explore the style of many artists throughout history, while developing their own paintings. The subjects considered and studied are, landscapes, still-life, the figure and abstraction.</p> <p>Course fee: \$25.00 per year. Students may have to purchase their own additional materials.</p>			

0960 – THREE DIMENSIONAL ART

0960 – THREE DIMENSIONAL ART			
Semester Course	Grades 9-12	1.0 Credit	Prerequisite: None
<p>Three Dimensional Art will focus on skills needed to create hand built and thrown pottery, relief pieces, and subtractive and additive sculpture using plaster, wood and clay. Students will demonstrate their skill and craftsmanship in various procedures of building functional and decorative clay pieces using such techniques as slab, coil, molding, throwing and glazing.</p> <p>Course fee: \$25.00 per year. Students may have to purchase their own additional materials.</p>			

0961 – GRAPHICS & DESIGN

Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
<p>This course will encompass several areas of graphic media such as printmaking and design projects (commercial and collage). Students will gain an awareness of various techniques and computer programs that are used in graphic art and demonstrate their skills in creating artistic compositions. There is a strong focus on combining computer media with traditional art methods. This course will introduce students to manipulating their artwork digitally by utilizing Photoshop and students will learn how to create stop-motion animated narratives.</p> <p>Course Fee: \$25.00 per year. Students will be required to buy any additional materials.</p>			

0962 – ADVANCED CERAMICS AND SCULPTURE

Semester Course	Grades 10-12	1.0 Credit	Prerequisite: Must have completed Three Dimensional Art with a “2.6” average or higher.
<p>This course is designed for those interested in expanding their ceramics and sculpture experiences while exploring more complex concepts and methods within these processes. Emphasis will be placed on experimentation in design and the construction of individual pieces. This course will also focus on more sophisticated throwing and trimming techniques on the potter’s wheel and offer opportunities for greater self-expression using clay as the medium. Students will also have the opportunity to explore mold making and pewter casting techniques to create jewelry pieces.</p> <p>Course Fee: \$25.00 per year. Students may have to purchase their own additional materials.</p>			

0964 – ADVANCED DRAWING AND PAINTING

Semester Course	Grades 10-12	1.0 Credit	Prerequisite: Must have completed Drawing and Painting with a “2.6” average or higher.
<p>Students will further their understating and ability in creating two-dimensional work. Advanced students will work with a wide variety of art media including graphite, charcoal, colored pencil, oil and chalk pastels on a wide range of topics and subjects. Students will work with watercolor, oil, acrylic paint, and collage. Students will research historical and contemporary art issues and techniques, including art criticism. A sketchbook of formative assignments and summative portfolio work will be maintained throughout the course.</p> <p>Course fee: \$25.00 per year. Students may have to purchase their own additional materials.</p>			

0963 – STUDIO ARTS

Semester Course	Grades 10-12	1.0 Credit	Prerequisite: Must have completed 3D Art and Drawing and Painting with a grade of “2.6” or higher
<p>Studio Arts is an advanced course concerned with enhancing and expanding the fine art portfolio. Students will utilize a variety of high level 2-D and 3-D studio based media to create well-planned and thoughtful pieces to be used for themselves or for college admissions and scholarships. This course is designed on an individual basis. Students who take this course will be expected to work independently and be willing to challenge their current understanding and abilities in the creation process.</p> <p>Course fee: \$25.00 per year. Students may have to purchase their own additional materials.</p>			

BUSINESS

Below is the sequence of Business Classes available at Chilton High School. Students may begin in any Business class outlined in Black.



COMPUTER SCIENCE



* denotes FVTC credit

BUSINESS TECHNOLOGY

Business Strand

0620 – ACCOUNTING I			
Semester Course	Grades 10-12	1.0 Credit	Prerequisite: None
<p>Accounting I will provide students an introduction to the basic concepts and general principles of modern accounting. A broad range of topics is emphasized rather than the recording process. Students will be introduced to financial statements, merchandising, accounting for cash, inventory, payroll, corporations, financial statement analysis, and budgeting.</p> <p>This course is transcribed through FVTC 3cr..</p>			

0622 – ACCOUNTING II			
Semester Course	Grades 11-12	1.0 Credit	Prerequisite: Accounting I with “C” average
<p>This second year course specifically covers the recording process. It details and analyzes the basic principles of accounting entering transactions in journals, posting to ledgers, end-of-period statements, banking activities, and payroll. Students will complete a business simulation as the “accountant” for a business and have computer experience with automated accounting projects. Students will become familiar with the use of business papers, forms, and reports involved in keeping financial records and develop skills to analyze and interpret information common to partnerships and corporations.</p>			

0632 – INTRO TO BUSINESS			
Term Course	Grades 9-10	0.5 Credit	Prerequisite: NA
<p>Are you interested in understanding how business impacts your daily life? Intro to Business introduces students to various business topics and provides an overview of the world of business from an entrepreneurial (business owner) viewpoint. This course is a project-based business course, develops student understanding and skills in such areas as economics, entrepreneurship, business management, marketing, human resource management, finance, and understanding the global economy. Through the use of projects, students acquire an understanding and appreciation of the business world. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. This course is designed to help students understand their triple role in society as citizens, consumers and employees.</p>			

0646 – PERSONAL FINANCE			
Term Course	Grades 11-12	0.5 Credit	Prerequisite: NA
<p>Designed for all students, Personal Finance will explore the student’s roles and financial responsibility as a student, citizen, family member, consumer, and employee. This course will help students identify personal financial goals, develop strategies for career choices, organize and manage money, review consumer purchasing and protection, consider banking options, learn to manage credit, explore buy vs. lease for housing and automotive needs, consider investment choices for savings and retirement, plan a tax strategy, and cover insurance options.</p> <p>This will fulfill your <u>financial literacy graduation requirement.</u></p> <p>This course is transcribed through FVTC 3 cr.</p>			

0667 – PRINCIPLES OF BUSINESS

Term Course	Grades 11-12 or Teachers Approval	.5 Credit	Prerequisite: NA
Provides an overview of a variety of activities in the world of business. It focuses on the responsibilities connected with operating a business from both organizational and managerial viewpoints–Students will be able to analyze opportunities and current issues and challenges of international business, relate their own personal ethics to current business practices, and explore the opportunities of entrepreneurship.			
This course is transcribed through FVTC 3 cr.			

0669 -- PRINCIPLES OF MARKETING

Term Course	Grades 11-12 or Teachers Approval	.5 Credit	Prerequisite: NA
Designed to introduce students to modern marketing practices. Students will be exposed to the role marketing plays in society and consumer motivation. Through guest speakers, business professional interviews, simulation activities and field trips, students will learn about market segmentation, product development, advertising and channels of distribution..			
This course is transcribed through FVTC 3 cr.			

7850 -- ENTREPRENEURSHIP

Term Course	Grades 11-12 or Teachers Approval	.5 Credit	Prerequisite: NA
Explores the entrepreneurial experience by focusing on an awareness of entrepreneurship, opportunity recognition, business concept development, and experimentation. The student will evaluate the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The student will understand the role of entrepreneurial businesses in the United States and the impact on our national and global economy.			
This course is transcribed through FVTC 3 cr.			

Computer Science**0636 – INTRO TO PROGRAMMING (IMAGINE ACADEMY)**

Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
The programming language used in this class will be C# (C Sharp). It is used to make interactive websites, mobile apps, video games, augmented reality (AR), virtual reality (VR), desktop applications, and back-end services – just to name a few. For example, the mobile game Pokemon Go and the Stack Overflow website were built with frameworks that can be run with C#.			
Don't worry if you've never written code before; we'll start at the very beginning and work our way up to building small games by the end of the course. Throughout the course you'll learn core programming concepts that apply to lots of programming languages and you'll also learn how to apply those concepts when you develop games.			

0655 – MS OFFICE SUITE

Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
<p>Receive (3) Microsoft Office Specialist certifications in PowerPoint, Word, and Excel. This class will get you to be productive using Microsoft Office and other software tools. Microsoft Office Specialist certification gives you the tools to build a brighter future:</p> <ul style="list-style-type: none"> • Learn the computing skills companies are looking for • Boost your workforce resume • Differentiate yourself from other applicants • Gain valuable experience and confidence • Heighten your earning potential • Prepare yourself for a successful future <p>Receiving any of these certifications will show employers you have the initiative and skills to be a valued employee.</p> <p>This course is transcribed through FVTC 2 cr.</p>			

0651 - EXPLORING COMPUTER SCIENCE

Semester Course	Grades 9-12	1.0 Credit	Prerequisite: None
<p>This course is designed to introduce students to the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning a particular software tool or programming language, this course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. Students will be able to develop computational practices, be able to problem solve more quickly, and create programs that are relevant to the lives of today’s students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues.</p>			

0200 - AP COMPUTER SCIENCE PRINCIPLES

Semester Course	Grades 9-12	1.0 Credit	Prerequisite: None
<p>Rigorous, entry level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. Computing affects almost all aspects of modern life and <i>all</i> students deserve a computing education that prepares them to pursue the wide array of intellectual and career opportunities that computing has made possible.</p>			

EDUCATIONAL AIDE**989A (B) – EDUCATIONAL AIDE**

Term Course	Grades 11-12	0.25 Credit	Prerequisite: None
<p>Any student may work as an Educational Aide as a peer tutor, or in the main office, library, guidance center, AV and Media area, learning center, special education room, or classrooms. There is a great need for students to assist in these areas. When schedules come out, you will be assigned a block for which you will be an educational aid for a staff member. You may be an educational aid for no more than two terms in one school year. The credits which you earn throughout all four years of high school count as elective graduation credits. See your counselor for further information.</p>			

0981 – BIG BROTHERS BIG SISTERS

Year Long Course	Grades 10-12	0.00 Credit	Prerequisite: None
------------------	--------------	-------------	--------------------

For more than a century, Big Brothers Big Sisters has been helping change kids' perspectives and giving them the opportunity to reach their potential. According to the Public/Private Ventures study, the one-to-one matches within Big Brothers Big Sisters truly make an impact in children's lives. Big Brothers Big Sisters strive for matches that are not only safe and well suited to each child's needs, but also harmonious and built to last. Evidence shows that these matches make a difference in a child's school performance, confidence, and decision-making skills. You and your Little will share the kinds of activities that you already like to do, while empowering each other to succeed. Time to meet with your Little will be built into your class schedule, and meetings will take place within the Chilton Schools. See your school counselor for more information.

FAMILY AND CONSUMER SCIENCE

0715 – BASIC FOODS

Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
-------------	-------------	------------	--------------------

This is a one-term course open to any student, one time only! This course may only be taken once and is a prerequisite for Advanced Foods. You must earn a 2.6 or higher in Basic Foods to enroll in Advanced Foods. At the completion of this course students will demonstrate basic kitchen principles and kitchen math skills. They will demonstrate how to safely use, clean, and store small kitchen appliances, practice a variety of cooking techniques and prepare recipes including meats, salads, quick breads, vegetables and desserts.

Course Fee: \$20.00

0719 – ADVANCED FOODS I

Term Course	Grades 10-12	0.5 Credit	Prerequisite: "2.6" or higher in Basic Foods
-------------	--------------	------------	--

This is an one-term course open to any student, one time only! Advanced Foods I will explore advanced cooking methods and creative culinary techniques while adding new cooking skills. Students will be introduced to culinary terminology, nutrition, food science, food safety and sanitation, knife skills, garnishing, plate presentation and new culinary trends. This course is designed for those who love art, who love to create or who just love to eat.

Course Fee: \$25.00

0646 – PERSONAL FINANCE

Term Course	Grades 11-12	0.5 Credit	Prerequisite: None
-------------	--------------	------------	--------------------

Designed for all students, Personal Finance will explore the student's roles and financial responsibility as a student, citizen, family member, consumer, and employee. This course will help students identify personal financial goals, develop strategies for career choices, organize and manage money, review consumer purchasing and protection, consider banking options, learn to manage credit, explore buy vs. lease for housing and automotive needs, consider investment choices for savings and retirement, plan a tax strategy, and cover insurance options.

This will fulfill your financial literacy graduation requirement.

This course is transcribed through FVTC 3 cr.

0727 – CHILD DEVELOPEMENT

Term Course	Grades 11-12	0.5 Credit	Prerequisite: Healthful Living
<p>This course is offered to juniors and seniors and specializes in the area of childcare and development. The major areas of study for this class are;</p> <ul style="list-style-type: none"> • Children and Parenting • Pregnancy and Childbirth • The Baby's 1st Year • The Child ages 1-3 • The Child ages 4-6 • Child Care Options <input type="checkbox"/> Careers in Childcare <p>At the end of this course students will be able to:</p> <ul style="list-style-type: none"> • Understand the demands of parenthood • Understand the importance of proper child-care • Know the state standards for running a licensed day care • Understand the importance of age appropriate toys as they relate to safety and education • Explain the stages of development in children and the importance of each stage • Prepare nutritious meals suitable for children of various ages • Explore careers working with Children • Hands-on experiences in Chilton Elementary School's 4K and 5K programs • Potential hands-on experience in upper elementary and/or middle school programs <p>A minimum of 12-15 hours of field service in our local elementary and middle school classrooms will be required.</p>			

0728 – S.H.A.R.E

Term Course	Grades 11-12	0.5 Credit	Prerequisite: Application completed and submitted to instructor
<p>The S.H.A.R.E. program is a unique innovative experience through which special education students are teamed with regular education students to develop positive peer relationships and gain knowledge and skills through participation in activities focused on daily living and personal growth. The S.H.A.R.E. program focuses on <i>Students Helping, Accepting, Relating, & Empowering</i> others to succeed.</p> <p>Regular education student(s) are partnered with student(s) with cognitive disabilities. Students in the S.H.A.R.E. program cooperatively develop and teach units for the class. The regular education students plan appropriate goals, objectives, activities and learning experiences for the teaching units. The student(s) become the teacher. Guest speakers and community-based outings are encouraged. Typical student led units include personal grooming, interpersonal communications, kitchen safety, money management, and job skills.</p>			

0730 – INTRO TO HEALTH OCCUPATIONS

Term Course

Grades 11-12

0.5 Credit

Prerequisite: Healthful Living & Biology

Are you interested in a health related field like nursing, physical therapy, sports medicine, massage therapy, or dietetics? Introduction to Health Occupations is designed to introduce students to the knowledge and skills necessary for pursuing a career in a health related field. Students will explore some of the many career opportunities in the health and medical field. Through job shadowing, guest speakers, health care professional interviews, simulation activities and field trips students will be exposed to basic concepts including confidentiality, legal responsibilities, infection precautions, and ethics and health care standards. Medical terminology will be introduced as it relates to disease, diagnosis and treatments and systems of the human body. Students will leave this course with core concepts and vocabulary used in a healthcare setting.

Students will develop competence in the National Health Care Skills Standards that serve as a foundation for occupations and functions across all health careers.

A must for any student interested in a Health Services career or any student thinking about a possible career in Health Services.

Requirements: minimum 10 hours Field Experience

0733 – HEALTHFUL LIVING

Term Course	Grade 10	0.5 Credit	Prerequisite: None
-------------	----------	------------	--------------------

This is the final required course in the Human Growth and Development series. This course will be counted for freshmen and transfer students who have not fulfilled the DPI's requirement of .5 credit of Health. The main emphasis of this course is to help the students understand the complexity of the family and how it is formed, maintained and improved. It is concerned with the development of adult responsibility with the understanding that sexuality is a part of the individual's personality and that it contributes to creative drives and abilities and helps to distinguish the personas of an individual. Sound scientific knowledge will be taught concerning every aspect of human sexuality so that students will be able to make wise decisions. If parents do not wish their children to attend periods during which sensitive issues are discussed including homosexuality, contraception, abortion, and family planning, they may have these children excused by completing the form provided for this purpose.

Students thus excused are to be scheduled in study halls during the times of their absence at no penalty. The central issue woven throughout this course centers on the family with the assumption that students will be enabled to formulate intelligent decisions regarding marriage and family life.

At the end of this course students will be able to:

- Analyze their personality to "realize" who they are
- Write goals and benefits from community involvement
- Demonstrate techniques of effective communication
- Become a more educated/responsible decision-maker
- Analyze the need for strong families
- Explain the difference between sex and sexuality
- Examine the consequences of sex
- Become familiar with help available to families in time of crisis
- Examine responsibilities which go along with parenting

This is a required course for all 10th grade students

95 – MEDICAL TERMINOLOGY

Semester Course	Grades 11-12	.5 credit	Prerequisite: 2.75 GPA or Higher
-----------------	--------------	-----------	----------------------------------

Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis is on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

3 credits transcribed through FVTC

0735 - CERTIFIED NURSING ASSISTANT

Term Course	Grades – Must be 16	1.0 Credit	Prerequisite: None
-------------	---------------------	------------	--------------------

A nursing assistant is an essential member of any health care team. The certification will provide comprehensive training on personal care and comfort of people with health problems. In this program you will learn how to bathe, dress, feed mobilize and transport people; obtain pulse and temperature; and report to the health care team. In a CNA role, you assist patients with a variety of care needs, including dementia and rehabilitation patients, and provide restorative care to help maintain independence.

3 credits transcribed through FVTC

WORLD LANGUAGES

0535 – SPANISH I			
Semester Course	Grades 9-12	1.0 Credit	Prerequisite: None
<p>It is the goal of this course to not only learn the Spanish language and Hispanic culture but to <i>use it!</i> Students will be introduced to basic grammatical structures and beginning vocabulary. Emphasis is on beginning level oral and written communication skills including reading, intrapersonal communication and listening. Students will begin to explore and experience the Hispanic culture. A good understanding of the English language and grammar is helpful.</p>			

0536 – SPANISH II			
Semester Course	Grades 10-12	1.0 Credit	Prerequisite: Spanish I
<p>Spanish II is a continuation for students who have completed Spanish I. The goal of this course continues to be the usage of skills in listening, speaking, reading, writing, and intrapersonal communication that are further developed. Increased vocabulary and expanded grammar concepts will be explored. Students will continue to explore and experience the Hispanic culture. A good understanding of the English language and grammar is helpful.</p>			

0538 – SPANISH III			
Semester Course	Grades 11-12	1.0 Credit	Prerequisite: Spanish II II (with a “2.6” or better or instructor approval)
<p>Students who have completed Spanish II will further develop their language skills and study more advanced grammatical concepts and vocabulary. They will be introduced to literature with related writing practice. Cultural awareness is incorporated in the readings and assessments. Spanish III is suggested for those students who wish to pursue Spanish at a post-secondary level. A good understanding of the English language and grammar is helpful.</p>			

0539 – SPANISH IV			
Semester Course	Grades 11-12	1.0 Credit	Prerequisite: Spanish III III with a “B” or better or instructor approval
<p>Students who have completed Spanish III may take Spanish IV. This course focuses on the usage of listening, speaking, reading, writing, and intrapersonal communication in real-life situations. Grammar will be reviewed and further developed with focus on improving language usage. Students will continue to study Spanish literature, culture, history, literature, and media. A good understanding of the English language and grammar is helpful.</p>			

G001 - FRENCH I - [THROUGH STOCKBRIDGE PUBLIC SCHOOLS)

Semester Course	Grades 9-12	1.0 Credit	Prerequisite: None
It is the goal of this course to not only learn of the French language and culture but to <i>use</i> it! This course will establish basic French oral and written communication skills and knowledge of the French language and culture. This will be accomplished through the use of “hands on” activities including classroom drama, conversational skits, written composition, reading, music and individual/group projects. Students will need to buy a specific French dictionary.			

G011 – FRENCH II - [THROUGH STOCKBRIDGE PUBLIC SCHOOLS)

Semester Course	Grades 9-12	1.0 Credit	Prerequisite:”C” or better in French I
This course will establish and improve French oral communication skills and also increase knowledge of the le monde Francophone. While utilizing a cultural framework of actual, everyday French activities and cultural items, the student will also increase grammar and writing skills. The goal of this course is to prepare a student to “survive” in a French speaking country by communicating in the target language: French! Students will need to buy a specific French dictionary.			

5555 – AMERICAN SIGN LANGUAGE 1

Semester Course	Grades 9-12	.5 Credit	Prerequisite: 2.75 GPA or Higher
American Sign Language (ASL) is a complete, complex language that employs signs made by moving the hands combined with facial expressions and postures of the body. It is the primary language of many North Americans who are deaf and is one of several communication options used by people who are deaf or hard-of-hearing. This course relating to the deaf culture includes non-manual grammatical markers, signing, fingerspelling, classifying and the technology related to deafness. American Sign Language qualifies as a world language under UW-system schools.			
3 credits transcribed through NWTC			

LANGUAGE ARTS

All students are required to take a minimum of 4 core credits of English.

0110 – ENGLISH 9

Semester Course	Grades 9	1.0 Credit	Prerequisite: None
English 9 expands each student’s language and communication skills in reading, writing, and speaking. Upon completion of the course, students will be able to respond to literature (short stories, nonfiction, novels, drama, and poetry) on three levels: literal, interpretative, and personal. By incorporating the writing process, students will integrate cooperative learning into assignments across the curriculum. Writing skills will be enhanced through studying grammar, sentence and paragraph structure, standard English usage, and mechanics. Critical thinking skills will be developed while preparing and writing the following types of assignments: narrative, expository, and argumentative. An awareness, understanding, and sensitivity will be gained as students feel more at ease speaking before groups as well as interpreting non-verbal communication.			

0175 – AMERICAN STUDIES (1.0 Credit English & 1.0 Credit Social Studies)

Year Long Course	Grades 9	2.0 Credit	Prerequisite: None
------------------	----------	------------	--------------------

American Studies is a year-long course that fulfills the 9th grade Social Studies and 9th grade English requirement. It is a year-long one block class which focuses on specific themes throughout US History and literature from the same time periods. This class will be team taught by the English and Social Studies Departments and will be flexible in its use of the 90 minutes. With a focus on critical thinking, coursework will include intense analysis of both history and literature. Students will develop their thoughts and ideas through discussion, writing, group work, projects, independent inquiry, and research. This class is recommended for students preparing for any AP level courses in English or Social Studies.

0120 – ENGLISH 10

Semester Course	Grades 10	1.0 Credit	Prerequisite: English 9 & Sophomore Standing
-----------------	-----------	------------	--

The focus of this course is to develop students' awareness and use of rhetoric as both a critical reader and communicator. Students will compose several pieces of writing that incorporate research (MLA formatting) and integrate technology into the writing process on a daily basis. Presentation of written work will fulfill the public speaking portion of the course. Writing content, whether literary analysis or persuasive in nature, will focus on claims and counterclaims that are supported and cited through the text. Mentor texts will include short stories, novels, dramas, and seminal U.S. documents.

0177 – CREATIVE WRITING

Semester Course	Grades 10	1.0 Credit	Prerequisite: Successful completion of English 9 and Teacher Recommendation
-----------------	-----------	------------	---

Attention soon-to-be sophomores! Are you ready to write creatively? Are you already an author? Do you want to take AP Literature in the future? A "YES" to any of these questions means Sophomore Creative Writing could be the class for you. We will interrupt a Shakespeare comedy, send Odysseus on a detour, script film scenes, pen the future of humanity, and complete the unfinished work of great authors. This English 10 alternative is meant for students who love creative writing in every genre: poetry, short fiction, historical fiction, drama, & film.

0149 - AP SEMINAR

Year Long Skinny	Grades 10-11	1.0 Credit	Prerequisite: An earned letter grade of an “A” or a “3” in previous English course with teacher recommendation
------------------	--------------	------------	--

This course is a foundational AP course, meant to develop higher-level thinking and analysis skills. It is the first of two courses in the AP Capstone Diploma program. Successful completion of both courses could result in an AP Capstone Diploma Endorsement, a highly valued distinction for many sought-after colleges and scholarship opportunities. Students in AP Seminar will dive into timely and relevant themes, learning to synthesize information from multiple sources, develop and communicate his or her own perspectives, and think critically as both an individual and part of a team. What makes this course stand out in relation to other AP courses is choice and flexibility – students have a large amount of choice in the direction they want to take their studies, in relation to the class theme for the year. A student’s AP score in the class also does not solely come from one high-stakes examination. While there is still the AP Exam offered at the end of the course, the rest of the AP score comes from two large in-class projects. If you are looking to develop and expand your ever-important critical thinking and analysis skills, this is the course for you! If you want a course that will give you the foundational skills to be successful in other AP courses, no matter the content area, this is the course for you! Finally, if you want that AP Capstone Diploma distinction, this is the course for you!

AP Exam Option is available for this course – please see instructor for more information.

AP Seminar may be taken in lieu of English 10 as a sophomore or in lieu of English 11 as a junior.

0148 - AP RESEARCH

Year Long Skinny	Grades 11-12	1.0 Credit	Prerequisite: Successful completion of AP Seminar & teacher recommendation
------------------	--------------	------------	--

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

(Note: AP Seminar is a prerequisite for AP Research. Completing AP Seminar and all its required assessment components is necessary for students to develop the skills to be successful in AP Research.)

0130 – ENGLISH 11

Semester Course	Grades 11	1.0 Credit	Prerequisite: English 9, English 10 & Junior Standing
-----------------	-----------	------------	---

Students will improve their abilities to read closely, analyze text, make inferences, and support all claims and ideas with direct text support. Mentor texts include short stories, American and world dramas, novels, and seminal U.S. documents. Students will compose personal essays, argumentative essays, and literary analyses. Skill development will include integrating technology into the writing process, MLA formatting, thesis statement construction, developing claims and counterclaims, and correctly citing text.

0141 – AP ENGLISH LITERATURE & COMPOSITION

Semester Course	Grades 11-12	1.0 Credit	Prerequisite: English 9, English 10, and an earned letter grade of an “A” in previous English course or “B” average with teacher recommendation.
-----------------	--------------	------------	--

This course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit and British Literature. Writing assignments focus on the critical analysis of literature and include expository, analytical and argumentative essays. Students will also write a research paper that reflects their depth of knowledge into a chosen topic and the ability to use research materials in an appropriate manner. Self-motivation is essential for success in this class, as intensive reading and writing will be required.

AP Exam Option is available for this course – please see instructor for more information

AP English Literature & Composition may be taken in lieu of English 11 as a junior or in lieu of English 12 as a senior

0142 – AP ENGLISH LANGUAGE & COMPOSITION

Semester Course	Grades 11-12	1.0 Credit	Prerequisite: English 9, English 10, and an earned letter grade of an “A” in previous English course or “B” average with teacher recommendation.
-----------------	--------------	------------	--

Advanced Placement English Language and Composition is a freshman-year, college-level course culminating in students taking the AP exam, for which they may earn college credit. Students will work towards mastery in the following areas: analyzing and interpreting samples of good writing, identifying and explaining an author’s use of rhetorical strategies and techniques; applying effective strategies and techniques in their own writing; creating, synthesizing, and sustaining arguments based on readings, research, and/or personal experience; demonstrating understanding and effective use of standard written English as well as stylistic maturity in their own writings; writing in a variety of genres and contexts, both formal and informal, employing appropriate conventions; and moving effectively through the stages of the writing process, with careful attention to inquiry and research, drafting, editing, and review.

AP Exam Option is available for this course – please see instructor for more information

AP Language and Composition may be taken in lieu of English 11 as a junior or in lieu of English 12 as a senior.

0140 – ENGLISH 12			
Semester Course	Grades 12	1.0 Credit	Prerequisite: English 9, English 10, English 11 OR AP Language & Composition OR AP Literature & Composition & Senior Standing
<p>Students will become self-directed readers and researchers after studying mentor texts and composing texts of their own in the style of other authors. Mentor texts will include American and World literature from the 18th-21st centuries (dramas, short stories, poems, novels, current op-ed columns, and current news releases). In literary analysis, students will learn how multiple themes work together to advance the plot of a story, and how characters’ conflicts contribute to the advancement of plot. In research, students will self-select topics and articles, continue to master MLA formatting, and integrate a variety of sources into an argument-based research essay to support the claim(s) made by the students. Technology integration will be a daily tool in the classroom.</p>			

0147 – WRITTEN COMMUNICATION/ORAL & INTERPERSONAL COMMUNICATION			
Semester Course	Grades 12	1.0 Credit	Prerequisite: Senior standing and successful completion of English 9, English 10, and English 11 OR AP English Literature and Composition OR AP Language and Composition.
<p>Developing excellent communication skills is essential to academic and career success. Students in this course study the principles, strategies, and techniques of effective written, oral, and digital communication. This course will focus on developing writing skills through the writing process which includes prewriting, drafting and revising. Through a variety of writing assignments, students will learn to analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. The course will also develop critical reading and thinking skills through the reading and analysis of a variety of written documents. Students will be expected to give oral presentations and students will be using computers/technology on a daily basis.</p> <p>This course is transcribed through FVTC. Students must complete the course with a “C” or better to earn 6 credits through FVTC.</p> <p>There is no fee to take this course</p>			

0146 – WRITTEN COMMUNICATIONS

Semester Course	Grades 12	1.0 Credit	Prerequisite: Senior standing and successful completion of English 9, English 10, and English 11 OR AP English Literature and Composition OR AP Language and Composition.
-----------------	-----------	------------	---

Developing excellent communication skills is essential to academic and career success. Students in this course study the principles, strategies, and techniques of effective written, oral, and digital communication. This course will focus on developing writing skills through the writing process which includes prewriting, drafting and revising. Through a variety of writing assignments, students will learn to analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. The course will also develop critical reading and thinking skills through the reading and analysis of a variety of written documents. Students will be expected to give oral presentations and students will be using computers/technology on a daily basis.

This course is transcribed through FVTC. Students must complete the course with a “C” or better to earn 3 credits through FVTC.

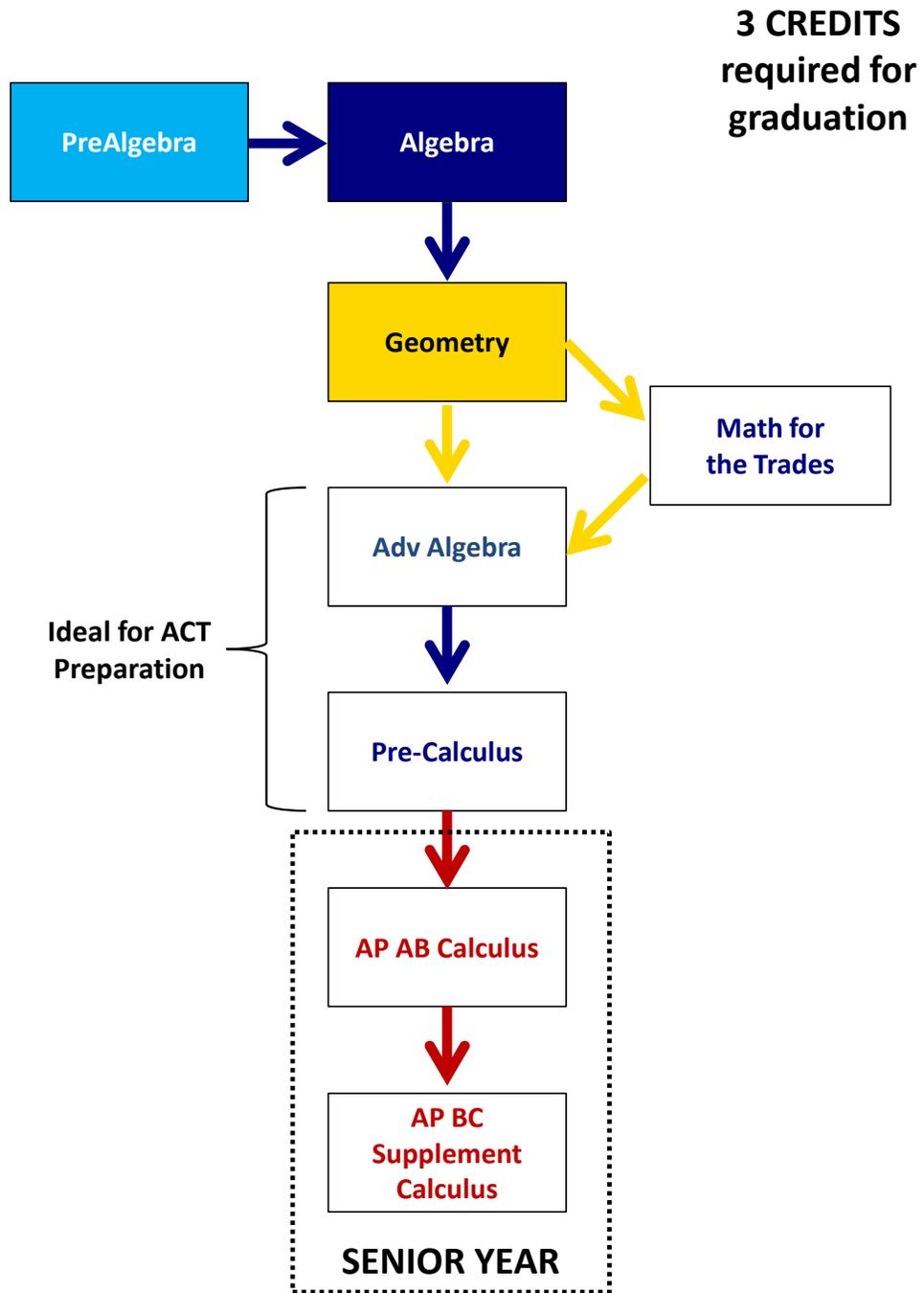
There is no fee to take this course

0150/0152 – WRITING & DESIGN I /WRITING & DESIGN II

Semester Course	Grades 9-12	1.0 Credit	Prerequisite: None
-----------------	-------------	------------	--------------------

This is an elective course with a realistic application of writing skills in the production of the school newspaper. Students considering the course should be able to work independently, meet newspaper deadlines, and employ basic grammar skills. Students will produce the school newspaper every two to three weeks, as well as maintain the newspaper’s website. The goals of this course are the following:

1. To familiarize students with the basic elements of newspaper researching, writing, and publishing;
2. To provide students with an intense, realistic application of writing;
3. To develop students’ accountability and responsibility by meeting job-related deadlines;
4. To provide a forum for student expression that promotes ethical journalism;
5. To familiarize students with the purposes journalism serves in our society; and
6. To produce a quality newspaper.



Prerequisite for each MATH COURSE is the successful completion of the entire prior math course

MATH

0416 – INTRO TO ALGEBRA

Semester Course	Grades 9-12	1.0 Credit	Prerequisite: None
<p>Students will learn problem solving strategies, general computational skills, geometric properties and the elements of a solid Algebra foundation. This class is designed to build on prior math skills to help prepare the student for Algebra followed by Geometry.</p> <ul style="list-style-type: none"> • Possession of a TI-30XS MultiView scientific calculator is required for this course. 			

0410 – ALGEBRA

Year Long Skinny Course OR Semester Course	Grades 9-12	1.0 Credit	Prerequisite: None
<p>Students will learn a variety of problem solving strategies, properties of numbers, computation skills, functions, and algebra based on the Common Core State and ACT Standards. This course is a prerequisite for all other mathematics courses, except for Intro To Algebra (0416).</p> <ul style="list-style-type: none"> • Possession of a TI-30XS MultiView scientific calculator is required for this course. 			

0420 – GEOMETRY

Semester Course	Grades 9-12	1.0 Credit	Prerequisite: Passing grade in both terms of Algebra
<p>Students will learn geometric properties based on the Common Core State and ACT Standards. Information will be acquired, organized, and proven using exploration and logical reasoning. Topics include the properties of lines, angles, and polygons, congruence, area, volume, parallel lines, and introductory trigonometry.</p> <ul style="list-style-type: none"> • Possession of a TI-30XS MultiView scientific calculator is required for this course. 			

0425 – MATH FOR THE TRADES

Semester Course	Grades 10-12	1.0 Credit	Prerequisite: Passing grade in both terms of Geometry
<p>Math for the Trades is an elective math course designed for students seeking a more applied math curriculum. This course is appropriate for students not planning on taking upper level math courses or would like more preparation before pursuing advanced algebra.</p> <p>This course is the equivalent of successful completion of College Technical Mathematics 1A and College Technical Mathematics 1B at FVTC and will earn Advanced Standing.</p> <ul style="list-style-type: none"> • Possession of a TI-30XS MultiView scientific calculator is required for this course. 			

0430 – ADVANCED ALGEBRA

Semester Course	Grades 9-12	1.0 Credit	Prerequisite: Passing grade in both terms of Algebra and Geometry
<p>Students will learn advanced algebraic procedures, functions, statistics, transformations, logarithms, probability, along with proper use of a graphing calculator based on the Common Core State and ACT Standards. Algebra II is required for all students who plan to take Physics. Algebra II is required for entrance to many colleges and universities, particularly U.W. system schools.</p> <ul style="list-style-type: none"> • Possession of a TI-84 (standard, silver, color) or TI-83+ calculator <u>is required</u> for this college prep course. 			

0441 – PRE-CALCULUS

Semester Course	Grades 11-12	1.0 Credit	Prerequisite: Passing grade in both terms of Advanced Algebra (recommended C or 2.5 SBL or higher)
<p>Pre-Calculus completes the groundwork for the study of calculus and college-level mathematics. Students will study advanced algebraic functions, conics, analytic geometry, advanced trigonometry, graph theory, matrices, vectors, limits, and introductory calculus. Students interested in science, engineering, business, or mathematics as a college major are strongly advised to complete this class before graduation.</p> <ul style="list-style-type: none"> • Possession of a TI-84 (standard, silver, color) or TI-83+ calculator <u>is required</u> for this college prep course. 			

0444 – AP CALCULUS AB

Semester Course	Grades 12	1.0 Credit	Prerequisite: Passing grade in both terms of Pre-Calculus.
<p>Students will learn limits, derivatives, and integral calculus that are necessary to take the Advanced Placement Calculus AB test.</p> <ul style="list-style-type: none"> • AP Exam Option is available for this course – please see instructor for more information • Possession of a TI-84 (standard, silver, color) or TI-83+ calculator <u>is required</u> for this college prep course. 			

0447 – AP CALCULUS BC SUPPLEMENT

Semester Course	Grades 12	1.0 Credit	Prerequisite: Passing grade in both terms of AP Calculus AB
<p>Students will learn advanced calculus concepts that are necessary to take the Advanced Placement Calculus BC test.</p> <ul style="list-style-type: none"> • AP Exam Option is available for this course – please see instructor for more information • Possession of a TI-84 (standard, silver, color) or TI-83+ calculator <u>is required</u> for this college prep course 			

MUSIC

0973 – SYMPHONIC BAND			
Year Long Skinny Course	Grades 9-12	1.0 Credit	Prerequisite: None
<p>Symphonic Band is offered to all high school students who are interested in improving their skills on their band instrument and are committed to contributing to the excellence of the group. The Symphonic Band performs at concerts, sporting events, and community functions. It also marches in parades and at home football games. Attendance at all performances is required. Symphonic Band members are expected to improve their skills through home practice and individual lessons with the instructor. Class members are also encouraged to participate in solo and ensemble festival and other special events and projects made available by the department. This is a full year course. At the conclusion of the year, students will be able to perform with expression and technical accuracy, a large and varied repertoire of instrumental literature.</p> <p>Class Expenses: Students are required to purchase necessary music supply items, personal uniform needs, and lesson books as a class requirement.</p>			

0976 – WIND ENSEMBLE			
Year Long Skinny Course	Grades 10-12	1.0	Prerequisite: Audition & Instructor Consent
<p>This course is open to 10th, 11th, and 12th grade students through an audition process and with the permission of the instructor only. Students will learn advanced instrumental technique through the performance of challenging music. The Wind Ensemble performs at concerts and community functions. It also joins the Symphonic Band at sporting events, parades, and at home football games. Attendance at all performances is required. Wind Ensemble members, are expected to improve their skills through home practice and individual lessons with the instructor. Class members are also encouraged to participate in solo and ensemble festival and other special events and projects made available by the department. This is a full year course. At the conclusion of the year, students will be able to perform complex musical compositions with expression and technical accuracy.</p>			

0983 – MIXED CHOIR			
Year Long Skinny Course	Grades 9-12	1.0	Prerequisite: None
<p>This course is open to all 9th – 12th grade students who wish to sing in a choir. There is no audition required to sign up for this choir. It gives emphasis to the enjoyment of singing choral literature from a variety of musical styles. It endeavors to develop attributes that make a person a productive member of any choral group: good rehearsal habits, proper vocal technique, music literacy, musical and personal maturity, and most importantly, an enhanced appreciation of music. Attendance at all rehearsals and concerts is required. Voice lessons will also be part of the curriculum for this class. Students in this course may also participate in solo and ensemble festival, special events and projects made available by the music department and extra-curricular vocal ensembles. This course will prepare students for more advanced choral music study.</p> <p>Upon completion of this course, students will be able to sing level 3 music in 3-4 part harmony, accompanied and a cappella. Basic music theory skills, vocal technique and musicality will be covered through performance of varied genres of music. Cultural implications of music will also be discussed and understood.</p>			

0985 – CONCERT CHORALE

Year Long Skinny
Course

Grades 10-12

1.0

Prerequisite: Audition Only

This course is open to 10th, 11th, and 12th grade students through an audition process and with the permission of the Vocal Music Director only. This course will further develop the attributes of a productive choral singer – excellent rehearsal habits, advanced vocal technique, music literacy, musical and personal maturity and an appreciation for and understanding of music of all styles and genres. **Attendance at all rehearsals and concerts is required.** Voice lessons will be a part of the curriculum for this class. Students in this course may also participate in solo and ensemble festival, special events and projects made available by the music department and extra-curricular vocal ensembles.

Upon completion of this course, students will be able to sing level 4 music in 4-8 part harmony, accompanied and a cappella. Advanced music theory skills, vocal technique and musicality will be covered through study and performance of varied genres of music. Cultural and societal implications of music will be discussed and understood.

PHYSICAL EDUCATION

NOTE: Students may register for no more than two (2) Physical Education courses in the same school year.

0900 – 9 th GRADE PHYSICAL EDUCATION			
Term Course	Grades 9	0.5 Credits	Prerequisite: None
<p>Students will take part in a variety of team sport activities. Team work, fair play, sportsmanship and strategy will be emphasized along with skill work. Students will also engage in lifetime fitness activities such as functional fitness, cardiovascular fitness and strength training.</p>			

0907 – 10 th GRADE PHYSICAL EDUCATION			
Term Course	Grades 10	0.5 Credits	Prerequisite: None
<p>Students will be exposed to all things fitness. From learning proper technique, different lifts and the muscles they use, spotting, and proper use of the weight room, to learning different exercises to work on speed, power, endurance, flexibility and proper use of the fitness room. Fitness is the focus.</p>			

0906A (B) – TEAM SPORTS			
Term Course	Grades 10-12	0.5 Credits	Prerequisite: None
<p>To develop and improve skills and incorporate strategies and sportsmanship in team activities. Activities may include soccer, basketball, volleyball, floor hockey, softball, team handball, speedball, flag football, ultimate frisbee and utilization of the fitness center.</p>			

904A (B) – WEIGHT TRAINING			
Term Course	Grades 9-12	0.5 Credits	Prerequisite: None
<p>To gain proper knowledge in proper use of the weight room and weight training techniques. Students will be challenged to push themselves to their full potential and motivated to continuously make gains throughout the course. Students will use teamwork, self-motivation and safety measures during this class to make it a positive and rewarding experience. In addition, this course is going to focus on individuals' foot speed, power, functional flexibility, performance technique, anaerobic endurance, cardiovascular endurance and agility while promoting goal setting and teamwork. Three days per week weight training and two days per week other functional fitness training.</p>			

909A (B) – FUNCTIONAL FITNESS TRAINING			
Term Course	Grades 9-12	0.5 Credits	Prerequisite: None
<p>To gain proper knowledge in proper use of the weight room and weight training techniques. Students will be challenged to push themselves to their full potential and motivated to continuously make gains throughout the course. Students will use teamwork, self-motivation and safety measures during this class to make it a positive and rewarding experience. In addition, this course is going to focus on individuals' foot speed, power, functional flexibility, performance technique, anaerobic endurance, cardiovascular endurance and agility while promoting goal setting and teamwork. Three days per week fitness training and two days per week weight training. <u>This class is strongly encouraged for all athletes.</u></p>			

0908A (B) – LIFETIME FITNESS

Term Course	Grades 10-12	0.5 Credits	Prerequisite: None
To introduce and develop skills beneficial in leading an active lifestyle. The student will be introduced to a variety of activities that can be used to maintain fitness for a life time. Activities could include racquet sports, biking, rollerblading, cross country skiing, snow shoeing, golf, archery, bowling, disc golf, and other activities that promote cardiovascular fitness, strength and functional fitness.			

0910 – WATER WORKS: H2O 4 U

Term Course	Grades 10-12	0.5 Credits	Prerequisite: none
Jump right in – the water’s great! Students will experience lifetime aquatic activities that may include the following: Water fitness, Water Games, Water Kickboxing, Aqua Plates and Zumba, Snorkeling, and Lifeguard skills.			
Pre-requisites for Life Guard certification: Must be 15 years of age by the end of the course, swim 300 yards continuously using either breast stroke or front crawl, and swim 20 yards using front crawl or breast stroke, surface dive 10 feet, retrieve a 10-pound brick, return to surface and swim back 20 yards, exit the pool without using a ladder within 1 minute, 40 seconds.			

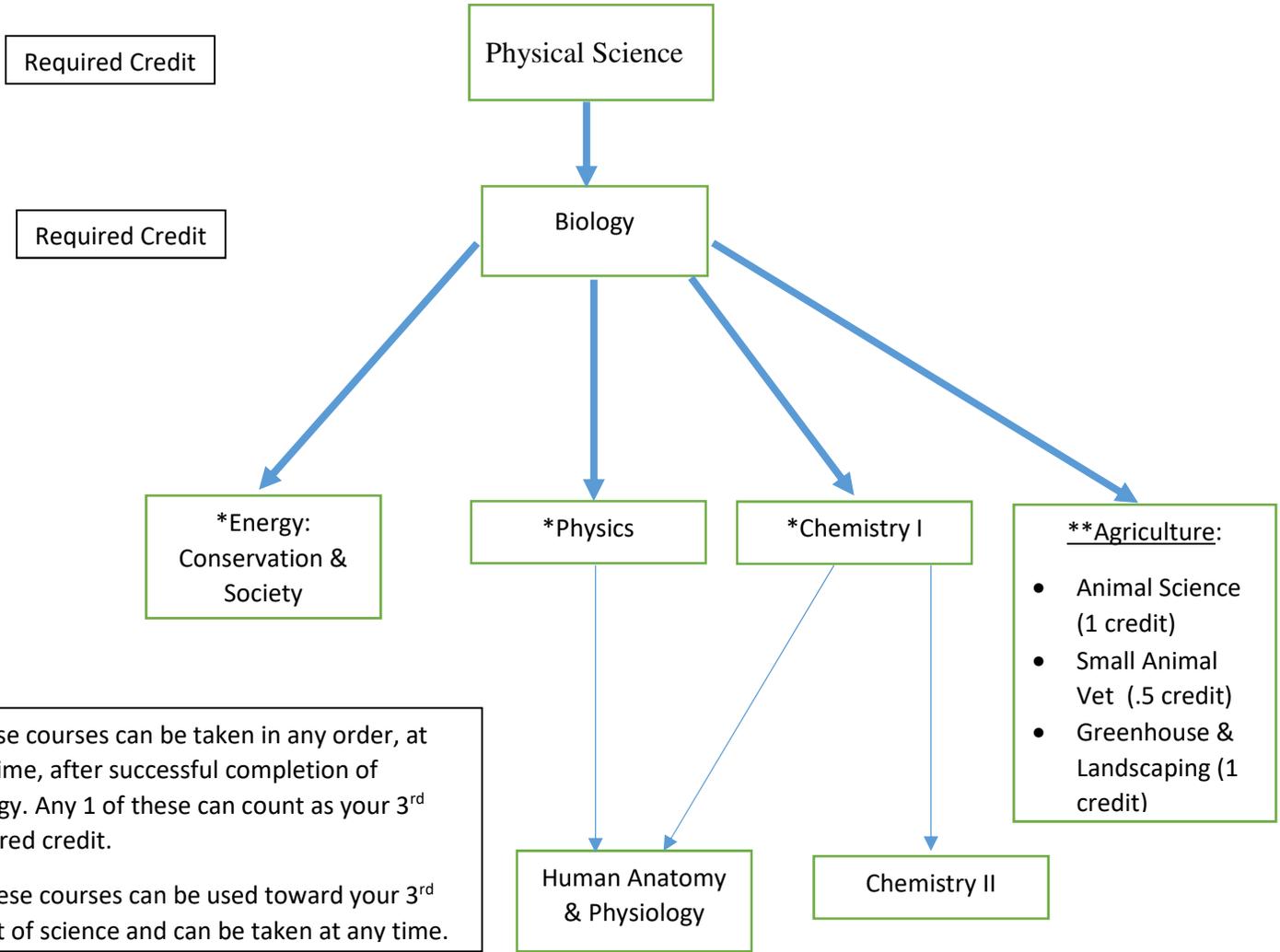
0912 – ADVENTURE CHALLENGE: OUTDOOR PURSUIT OF FITNESS

Term Course	Grades 10-12	0.5 Credits	Prerequisite: Signed Liability Waiver form must be on file prior to starting the course.
Calling on the brave and adventurous! Are you ready to test your limits, to try new things? Or, do you want to just kick back and have fun soaring through the sky? Then maybe you should “ <i>take the LEAP</i> ” and sign up for this course. Students will experience the low element challenge course, and the High element challenge course to include lead up activities and instruction on belaying techniques. From the rock-climbing wall to the “vertical playground,” the professionally designed climbing apparatus offers something to challenge everyone. Students in this course will be taught proper use and maintenance of climbing equipment as well as the skills of knot tying and belaying. We will cover the 7 stages of adventure to include lead up games and activities.			

0913 – ADVANCED OUTDOOR ADVENTURE CHALLENGE

Term Course	Grades 10-12	0.5 Credits	Prerequisite: Must have taken Adventure Challenge (0912) or be a Senior with instructor permission.
If you enjoyed adventure challenge class and want to take it to the next level this is the class for you. We will review the 7 stages of adventure education along with the proper use and maintenance of climbing equipment, the skills of knot tying, belaying, and high element climbs. Other topics that may be covered: first aid and outdoor safety, camping skills and equipment use, map reading, compass and GPS use, orienteering /geo caching, canoeing and kayaking, fishing, board and card games. At the end of this class you will have an opportunity to demonstrate the skills you have learned on an <i>optional</i> overnight camping trip to Devil’s Lake state park in Baraboo WI. Course Fee: \$20.00			

SCIENCE



0312 – PHYSICAL SCIENCE

Semester Course	Grades 9	1.0 Credits	Prerequisite: None
<p>Physical Science is a two term course studying the physical laws of nature. The class will cover chemistry and physics. Topics of study include the classification, structure, and properties of matter, and patterns and interactions of matter during the chemistry term. During the physics term students will investigate motion, forces, energy, & heat. This course will prepare students for higher-level science courses in chemistry and physics.</p>			

0325 – HUMAN ANATOMY & PHYSIOLOGY

Semester Course	Grades 12	1.0 Credits	Prerequisite: Complete Chemistry I or Physics.
<p>Human Anatomy & Physiology is a two term elective course offered for college or tech school bound seniors. Human Anatomy & Physiology is a course that familiarizes students with the basic concepts of human anatomy and physiology. The main focus will be the essential principles of each body system and their constant need to maintain homeostasis. It is important to note that there is a strong emphasis on laboratories, lab practicals, and the application of knowledge through the use of specimen dissections. Each student is expected to participate in all laboratory experiences as it will be part of the overall grade.</p> <p>Upon completion of the course, students will:</p> <ul style="list-style-type: none"> • Have a strong understanding of human structure and function and its relationship with various medical related fields □ Be able to demonstrate mastery of: concepts, knowledge, and appropriate techniques used in many college laboratories and in some applied medical and veterinary professions 			

0350 - BIOLOGY

Semester Course	Grades 10-12	1.0 Credits	Prerequisite: Physical Science
<p>Biology is a two term course designed to investigate living matter by exploring the organization and classifications of living systems, ecology, cell structure, evolution, and genetics. Students are introduced to the process of science through discussion, activities and laboratory experiences. Students are challenged to practice scientific procedures while stressing the importance of problem solving. There is an emphasis on the role biology plays in the lives of students in today's society and the everyday applications that can be made. Time will be spent applying biological concepts through the use of the Outdoor Education Center, various forms of technology and literacy activities.</p> <p>Any student interested in enrolling in Biology as a Freshman MUST complete Physical Science FIRST and have the consent of the instructor.</p>			

0330 – CHEMISTRY I

Semester Course	Grades 11-12	1.0 Credits	Prerequisite: Algebra <u>and</u> Biology.
<p>Chemistry is a two term course, which prepares students for post high school education. Students will be introduced to the structure, physical and chemical properties, and reactivity of common elements and compounds. Qualitative and quantitative laboratory experiments using Vernier Lab Quests and sensors, traditional labs, and POGIL (Process Oriented Guided Inquiry Learning) activities will be used to teach and support the learning of chemistry concepts. Upon completion of this course, students will be able to practice safe laboratory procedures and techniques and apply chemical concepts for a better understanding of the chemical world around them.</p> <p>Sophomores <u>must</u> complete Biology first and have the consent of the instructor.</p>			

0332 – CHEMISTRY II

Semester Course	Grades 11-12	1.0 Credits	Prerequisite: Chemistry I
<p>Chemistry II is a continuation of Chemistry I. The focus of this two term course is the introduction of advanced chemistry topics for students interested in science careers. Students will learn about solutions, equilibrium and reaction rates. Students will practice safe laboratory procedures and techniques as they investigate these topics.</p> <p>Upon completion of this course, students should have a strong background in basic Chemistry concepts, should be able to successfully use a variety of laboratory techniques, should be able to apply chemistry concepts to everyday events, and will have been exposed to a variety of advanced Chemistry topics. For students pursuing a career in a science field, this course will help them identify specific interests and strengths which can be used to narrow the field of prospective careers.</p> <p>Sophomores must meet prerequisite and have consent of the instructor.</p>			

0340 - PHYSICS

Semester Course	Grades 11-12	1.0 Credits	Prerequisite: Successful Completion of Geometry.
<p>Upon completion of Physics the student will be able to apply the mathematics of science (measurement, graphing, trigonometry, and problem solving) to understand the concepts of motion, forces, energy, optics, and momentum. The student will be able to make measurements, collect and analyze data, and then draw conclusions.</p> <p>The class will utilize Advanced Algebra Concepts but completion of Advanced Algebra is not required.</p>			

0356 – ENERGY: CONSERVATION & SOCIETY

Semester Course

Grades 10-12

1.0 Credits

Prerequisite: Biology

Energy: Conservation & Society will cover basic energy concepts to evaluate the wide variety of conservation and energy efficiency choices available to consumers. Students will determine how energy conservation can improve cost savings and the environment, as well as preserve our natural resources. In addition, students will investigate the sources of energy in Wisconsin and the United States with an emphasis on renewable resources. Students will examine the advantages, disadvantages, availability, and applicability of a variety of energy sources while exploring career opportunities in the energy field.

Students will demonstrate their level of skill and understanding through hands-on activities and projects.

SOCIAL STUDIES SEQUENCE

As of Class of 2021

Year:	Option #1	Option #2	Option #3
Freshmen:	Recent US History (required)	American Studies (satisfies Recent US History credit)	AP Human Geography (satisfies Social Studies elective)
Sophomore:	World History (required)	World History (required), could take AP Human Geography (elective) or AP US History/Government (satisfies Government credit).	AP US History/Government (satisfies Recent US History and Government credit)
Junior:	Government and Economics (required)	Government and Economics, General or AP Electives optional	Economics and AP Psychology or General Elective
Senior:	Any Social Studies Elective	General or AP Electives	AP European History (satisfies World History credit)

Advanced Placement Electives: AP Human Geography, AP US History/Government, AP Psychology, AP European History

General Social Studies Electives: Psychology, Sociology, Contemporary Affairs

SOCIAL STUDIES

0228 – RECENT U.S. HISTORY

Semester Course	Grades 9	1.0 Credits	Prerequisite: None
<p>Students will investigate, review and analyze events in United States history from the conclusion of Reconstruction to the present. They will develop an understanding of the social, economic, political, and human factors that are interwoven through the history of the period. They will develop an understanding of the relationship between historical events and events occurring in the current time period, and understand how the past has shaped and influenced the United States today.</p>			

0203 – WORLD HISTORY

Semester Course	Grades 10	1.0 Credits	Prerequisite: Recent US History
<p>World History traces the development of the modern world from the Renaissance through the Age of Imperialism. This course includes the study of European civilizations and their influence on the formation of the modern world in the 20th Century. Course topics include: The Renaissance, World Religions, the Enlightenment, Exploration, the Age of Revolutions, and Nationalism.</p>			

0250 – CONTEMPORARY AFFAIRS

Semester Course	Grades 11-12	1.0 Credits	Prerequisite: None
<p>The primary objective of this course is to develop an interest and an awareness of the events taking place in our contemporary world. Students will be encouraged to follow a variety of newsgathering media in order to obtain the information. They will also be required to assess and evaluate news events that will impact their personal lives, their family, American society and governmental structures around the world. Through the use of electronic media, newsprint, and class presentation, students will realize the impact current events have on their everyday world.</p> <p>Course Goals:</p> <ul style="list-style-type: none"> • Students will identify various sources of contemporary events through television • Students will identify various sources of contemporary events through newsprint • Students will use the Internet to identify contemporary events of the past and present • Students will investigate contemporary events for the impact they have on students, family, government, etc. 			

0242 – AMERICAN GOVERNMENT

Term Course	Grades 11-12	1.0 Credits	Prerequisite: None
<p>Students will be able to identify the structural basis of our national, state, and local government. Building upon that base, students will develop their analytical and critiquing skills to work toward better government procedures and practices. Students will improve their skills of relating current government developments to their historical context.</p>			

0245 - ECONOMICS

Term Course	Grades 11-12	1.0 Credits	Prerequisite: None
<p>Students will also develop an understanding of macroeconomics (the total picture) as well as microeconomics (sub-divisions including credit, taxes, investments). Upon completion of Economics, students will begin to analyze how the U.S. economy functions in theory according to the major economists as compared to how it functions in reality of everyday economic and political occurrences.</p>			

0243 - SOCIOLOGY

Semester Course	Grades 11-12	1.0 Credits	Prerequisite: None
<p>Sociology is a course that involves the study of human groups, cultures and social problems. Special emphasis will be placed on understanding the scientific method and its use in understanding and developing solutions to current problems. Upon completion of this course, students will be able to demonstrate a working knowledge of social conditions in past and present cultures, utilize the scientific method in understanding social problems, and develop a greater understanding of different cultures, current drug related issues, juvenile delinquency, current family situations, social classes, and crimes.</p> <p>This course is articulated with FVTC for advanced standing.</p> <p>*Students in the 11th and 12th grade may take either Sociology or Psychology but not both in the same year.</p>			

0246 - PSYCHOLOGY

Semester Course	Grades 11-12	1.0 Credits	Prerequisite: None
<p>This course includes various areas of common concern in the study of the individual and the individual's relationship with others. Special emphasis will be placed on understanding you and other people. Upon completion of this course, students will exhibit thorough discussion and writing insight into the following areas: the influence of psychology on daily life, interaction of body and brain in creating awareness of the world around you, intelligence and creativity, physical and emotional development, evaluation of personality, behavior disorders and treatments and group behavior. Students may choose to take the AP Psychology test after completing this course; however, some additional course study will be necessary.</p> <p>This course is articulated with FVTC for advanced standing.</p> <p>*Students in the 11th and 12th grade may take either Sociology or Psychology but not both in the same year.</p>			

0247 – AP PSYCHOLOGY

Semester Course	Grades 11-12	1.0 Credits	Prerequisite: Teacher Signature required
<p>The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. They will also learn about the ethics and methods psychologists use in their science and practice. The class is based on an introductory Psychology college course. Students need to be able to read, write and study at a college level, while understanding the course load to pass the AP test. This class will be a semester class, meeting every day for 90 minutes. It is the equivalent to 1 Social Studies Credit.</p>			

0251 – AP HUMAN GEOGRAPHY

Semester Course	Grades 10-12	1.0 Credits	Prerequisite: None
<p>The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.</p>			

0252 – AP US HISTORY/AP US GOVERNMENT & POLITICS

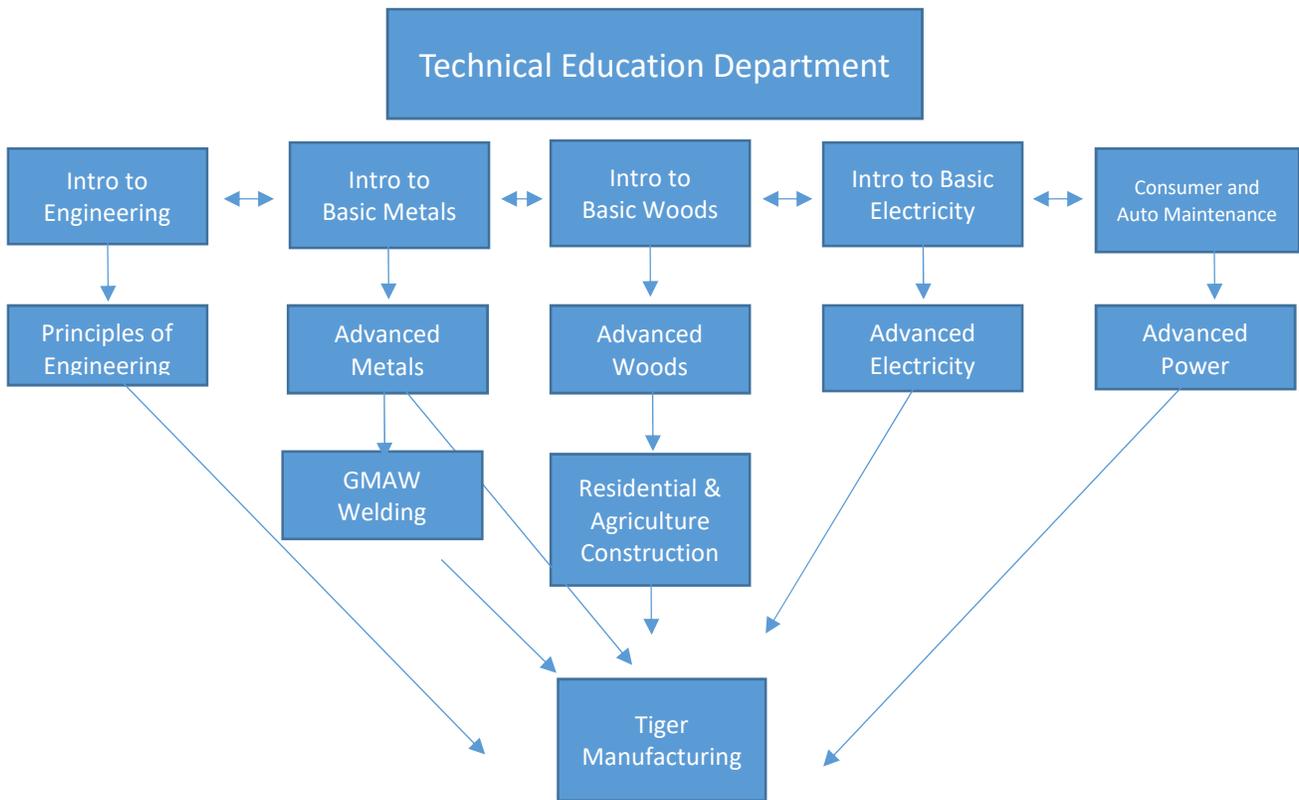
Yearlong Course	Grades 10-12	2.0 Credits	Prerequisite: None-Preference is given to seniors, then juniors, and then sophomores for the available seats. Computer and internet access at home is required.
<p>The AP programs in U.S. History and U.S. Government & Politics are designed to provide students with the analytic skill and knowledge to deal critically with problems and issues in U.S. history, politics, and culture. The program prepares students for intermediate and advanced college courses by requiring them to meet the demands and standards of introductory college courses in U.S. History and U.S. Government and Politics. Students need to be prepared to read, write, and study at a college level while developing the skills and knowledge to pass the AP tests.</p> <p>Notes:</p> <ol style="list-style-type: none"> <i>Successful completion of this course will fulfill the 11th Grade required American Government course.</i> <i>Successful completion of the AP U.S. History test can result in six college credits and a successful U.S. Government and Politics test score can result in three college credits.</i> 			

0261 – AP EUROPEAN HISTORY

Semester Course	Grades 11-12	1.0 Credits	Prerequisite: 11 th or 12 th grade status
Course Description: The Advanced Placement course in European History includes the study of European History since 1450 and introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse.			

2250 – CRIMINAL JUSTICE SYSTEMS

Semester Course	Grades 11-12	.5 Credit	Prerequisite: 2.75 GPA or Higher
Distinguish the roles of courts and law enforcement agencies; identify the purpose of law enforcement in American society; describe how professionalism and ethics relate to law enforcement; understand crime in America; explain basic aspects of criminal law; gain an understanding of sentencing of offenders as it relates to prison and jails; compare adult and juvenile justice. 3 credits transcribed through FVTC			



TECHNICAL EDUCATION DEPARTMENT

0780 – INTRO TO WOODS			
Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
<p>The Intro To Woods course focuses on two basic areas of instruction: woodworking and construction. The course is designed around “hands on” pre-determined projects. During the term students will learn how to practice safe and practical uses of many of the more popular power and hand tools that are commonly used. They will also learn to calculate and select the most efficient use of materials.</p> <p>At the completion of this course students will be able to: (1) read print drawings and apply them to a project, (2) select quality stock, (3) make accurate measurements, (4) make a variety of cuts to size and design the wood, (5) assemble stock using fasteners, (6) apply finishes, and (7) explain and demonstrate the importance of safety and safety rules.</p> <p>Course Fee: \$25.00 plus projects</p>			

789A (B) – ADVANCED WOODS

Term Course	Grades 10-12	0.5 Credit	Prerequisite: Intro to Woods
<p>The Advanced Woods course covers many aspects of woodworking and construction. Students will follow the logical order of the design and construction process. They will prepare drawings, calculate material needs and costs, plan a production process, and apply “hands on” skills to complete a final product. Students will choose from a pre-determined selection of projects in which their grade will be determined by (1) the degree of difficulty, (2) accuracy, (3) aesthetics, as well as (4) consistently displaying the proper and safe method of using each machine. Projects other than those that are pre-determined will need the approval of the instructor.</p> <p>Students will be able to: (1) construct materials using various woodworking joinery methods, (2) use common terms related to woodworking and construction (3) define measurable quality standards, (4) plan and complete multiple woodworking project from start to finish, and (5) explain and demonstrate the importance of safety and safety rules.</p> <p>Repeating this class will require the instructor’s prior approval.</p> <p>Course Fee: \$25.00 plus projects</p>			

775A (B) – RESIDENTIAL & AGRICULTURE CONSTRUCTION

Term Course	Grades 11-12	0.5 Credit	Prerequisite: Intro to Woods & Advanced Woods
<p>Residential & Agriculture Construction is designed to help students prepare for a possible career in the field of construction. Students apply their previous knowledge to on-site residential construction. Throughout this course, students work together on “hands on” activities (layout and assembling walls, fasten and sheath trusses, siding and soffit, etc.) to build structures from the ground up.</p> <p>At the completion of this course students will be able to: (1) design, plan, and apply basic building codes to a residential structure, (2) understand and apply construction practices to the erection of residential structures, (3) analyze sub-systems within a home, such as plumbing, heating, and electrical wiring, (4) use safe work habits and practices in the construction field, and (5) explore career opportunities related to the construction field.</p> <p>Course Fee: \$25.00</p>			

0783 –INTRO TO METALS

Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
<p>Intro to Metals is an introductory course representing the major areas of the metalworking industry. This course will cover the materials and processes commonly used in manufacturing to fabricate and produce products. Welding, machining, and sheet metal fabrication are a few of the major processes that will be included. Students will investigate the occupations related to manufacturing including Welding, Machining, Assembly, Tool and Die, and Project Management. Projects other than those that are pre-determined will need the approval of the instructor.</p> <p>At the completion of this course students will be able to: (1) utilize the equipment in the metal shop facility to produce a metals product using multiple production methods, (2) identify and demonstrate proper use of metal working equipment, (3) understand and apply blueprint reading, (4) define measurable quality standards, and (5) explain and demonstrate the importance of safety and safety rules.</p> <p>Course Fee: \$25.00 plus projects</p>			

787A (B) – ADVANCED METALS

Semester Course	Grades 10-12	1.0 Credit	Prerequisite: Intro to Metals
<p>The Advanced Metals course will provide students the ability to build on their basic knowledge and skills to further their understanding of the various metal working operations. Students will develop more in-depth projects and have the opportunity to work on a project of their choice. The classroom portion of this class will be teaching students Weld Print Reading and Welding Symbols.</p> <p>At the completion of this course students will be able to: (1) identify and set up the proper metal working equipment to use for individual projects. (2) design a blueprint and plan for completing one or more projects (3) understand the importance of proper layout and measurement in metal working, (4) understand and demonstrate acceptable industry level tolerance standards and (5) explain and demonstrate the importance of safety and safety rules. This class is necessary to receive the Welding Certification from FVTC. Repeating this class will require the instructor’s prior approval.</p> <p>Course Fee: \$25.00 plus projects</p>			

0786D - GMAW WELDING

Semester Course	Grades 11-12	1.0 Credit	Prerequisites: Instructor Permission (Submit Application) Intro to Metals & Advanced Metals
<p>This course is articulated with FVTC for advanced standing.</p> <p>You will learn to wire weld on steel, sheet metals, and plates. Emphasis will be placed on spray, pulse spray, and short circuit modes of transfer. You will learn to manage shielding gases, consumables, and applications.</p> <p>Upon completion of this course, the student will be able to (1) weld in all positions, (2) successfully set-up and troubleshoot process related variables, (3) read basic weld symbols, 4) have an understanding of written welding procedure specifications. (5) understand and demonstrate acceptable industry level tolerance standards and (6) explain and demonstrate the importance of safety and safety rules.</p> <p>Course Fee: \$75.00 plus projects</p>			

0769 –INTRO TO ELECTRICITY

Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
<p>The Intro to Electricity course is designed around the theory, practices, applications, and experiences in the electrical field. Using a variety of electrical components students will create multiple circuitry configurations through “hands on” projects. In addition, students will use small modules to complete residential wiring activities.</p> <p>At the completion of this course students will be able to: (1) demonstrate various electrical connections and layouts required in residential wiring, (2) explain the basic electrical theory used in residential wiring, and (3) apply the National Electrical code and standards as they apply to residential wiring, and (4) explain and demonstrate the importance of safety and safety rules.</p> <p>Course Fee: \$25.00</p>			

0770 – ADVANCED ELECTRICITY

Term Course	Grades 10-12	0.5 Credit	Prerequisite: Intro to Electricity
<p>The Advanced Electricity course will continue in complexity where Intro to Electricity ended. Advanced projects in 120 and 240 volts, breaker boxes, low voltage (like doorbells), electric motors, and conduit wiring are examples of some of the project areas. The final project is called the “Master Board”.</p> <p>At the completion of this course students will be able to: (1) demonstrate various electrical connections and layouts required in residential wiring, (2) explain the basic electrical theory used in residential wiring, (3) apply the National Electrical code and standards as they apply to residential wiring, and (4) explain and demonstrate the importance of safety and safety rules.</p> <p>Course Fee: \$25.00</p>			

0776 – ADVANCED DESIGN & DRAFTING

Term Course	Grades 10-12	0.5 Credit	Prerequisite: None
<p>Advanced Drafting & Design is a course that deals with varying aspects of drafting, design, and problem solving. This course will give introductions to sketching, hand drafting, two-dimensional drafting, three-dimensional modeling, blueprint reading, architectural design, and engineering assemblies to solve problems. Students successfully completing this course may be eligible to take the Certified SolidWorks Associate (CSWA) Exam.</p> <p>At the completion of this course students will be able to: (1) identify differing drawing types, line types and their uses, drafting tools, and program commands (2) draft an object from a drawing, actual object, or list of plans/ideas (3) read a blueprint accurately (4) explain the important role of drafting and design in our society today (5) and use their knowledge of design to solve mechanical and engineering problems. For additional information on the CSWA exam please see the course instructor.</p>			

0777 – STEM: INTRODUCTION TO ENGINEERING DESIGN

Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
<p>Introduction to Engineering Design is a high school level course that is appropriate for 9th or 10th grade students who are interested in design and engineering. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork and communication methods, global and human impacts, engineering standards, and technical documentation. IED gives students the opportunity to develop skills and an understanding of course concepts through applied, project, and problem-based learning.</p> <p>Students will employ engineering, mathematic, and scientific concepts in the solution of engineering design problems. In addition, students learn how to use the industry standard SolidWorks design software to help them design solutions to proposed problems. Students will develop problem-solving skills and apply their knowledge to research, design, and create solutions to various challenges that increase in difficulty throughout the course. Students will also learn how to research and design projects, document their work, and communicate their solutions to group of their peers.</p> <p>Course Fee: \$25.00</p>			

0778 – STEM: PRINCIPLES OF ENGINEERING

Semester Course	Grades 10-12	1.0 Credit	Prerequisite: Junior or Senior standing. Sophomores must have completed Intro to Engineering
-----------------	--------------	------------	--

Principles of Engineering is a high school-level survey course of engineering that exposes students to the major concepts they will encounter in a postsecondary engineering course of study. Students will have an opportunity to investigate engineering and other high tech careers, and to develop skills and understanding of course concepts through applied project, and problem-based learning. Using a team collaboration approach, AP-PB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts.

Students will employ advanced level engineering, mathematic, and scientific concepts in the solution of engineering design problems. Students will also document their work and communicate their solutions and present them for review to their peers and members of the professional community. The underlying purpose of this course is for students to develop strategies to become independent learners, and to gain skills for this 21st century in preparation to be college and career ready.

0835 – CONSUMER AUTO MAINTENANCE TECHNOLOGY

Term Course	Grades 10-12	0.5 Credit	Prerequisite: None
-------------	--------------	------------	--------------------

This class will show students how to perform general maintenance on modern day cars, trucks, and SUV's. Classroom and lab experiences include learning about the operation of the different systems found in modern day vehicles. Students will gain skills and knowledge regarding common problems associated with automotive maintenance. During this class students will be instructed how to perform general maintenance tasks on the following systems: lubrication, cooling, electrical, wheels and tires, suspensions, and understand the 4 stroke cycle theory through small engine teardown and rebuild. Additional information will be covered on vehicle insurance and financing, along with purchasing and/or leasing a new or used vehicle.

Course Fee: \$25.00 plus projects

0834A (B) – ADVANCED POWER

Term Course	Grades 10-12	0.5 Credit	Prerequisite: Consumer Auto
-------------	--------------	------------	-----------------------------

Students who take this course will be exposed to an in-depth experience of working on a number of automotive systems. This course is designed for individuals who are interested in post-secondary education in a variety of automotive technology areas as well as the individual who is interested in engineering and design. Automotive systems that will be covered include: brakes, suspension, wheels and tires, heating and cooling, engines, fuel, and electrical including charging, starting and ignition systems. Over 70% of the class will be hands on laboratory projects, in which students can work on school vehicle, or their own. Special projects of interest may be worked on with approval from the instructor.

Course Fee: \$25.00 plus projects

0799 – TIGER MANUFACTURING

Semester	Grades 11-12	.5 - 1.0 Credit	Prerequisite: Instructor permission (Submit Application) and successful completion of either Basic Woods + Advanced Woods, Basic Metals + Advanced Metals, or Intro to Eng.+ POE
----------	--------------	--------------------	--

The Tiger Manufacturing experience is designed to allow students to run a student led business in either the woods or metals manufacturing fields. Students will use their knowledge from previously completed courses to design, market, price, and build real products for real customers. During these processes students will learn skills including problem solving, communication, teamwork, and professionalism among other topics. These skills will allow students to become a highly sought after employee in a competitive employment market.

Agriscience Department

815 – ANIMAL SCIENCE			
Term Course	Grades 10-12	1.0 Credit	Prerequisite: None
<p>This course can be taken for Science Equivalency credit. This course is Transcribed Credit (Dual Credit) with FVTC (3 credits)</p> <p>The Animal Science course focuses on large animals for production. Animals discussed are dairy cattle, beef cattle, swine, sheep, goats, and poultry. Areas of study include identification of breeds, nutrition, reproduction, health care, disease prevention, housing, management of facilities, and career possibilities. At the completion of this course, students will be able to:</p> <ul style="list-style-type: none"> • Identify and describe characteristics of specific animal breeds • Describe the purpose and uses of production animals • Explain safety when working with production animals 			

0817 – SMALL ANIMAL VETERINARY CARE			
Term Course	Grades 9-12	0.5 Credit	Prerequisite: None
<p>This course provides Science Equivalency credit.</p> <p>Small Animal Veterinary Care is a course designed for the everyday pet owner who is interested in learning more about his or her companion animals and basic veterinary care. Some of the animals discussed in this course include dogs, cats, rabbits, rodents, and fish. Many hands on activities in this course include giving shots, applying first aid techniques, wound wrapping, feeding, cleaning pet cages, trimming toe nails, performing health inspections, grooming techniques and training methods of pets. Other areas of study include responsibilities of being a pet owner, nutrition, reproduction, housing, handling pets, disease prevention, and health care.</p> <p>At the completion of this course students will be able to:</p> <ul style="list-style-type: none"> • Explain the purpose, use and value of companion animals • Perform first aid techniques on pets, including injections, wound wrapping • Identify health problems and diseases of pets • Discuss the pet store/sales market and euthanasia • Demonstrate responsible pet ownership and care • Train rats with positive reinforcement methods <p>If you are a junior or senior interested in pursuing Madison Area Technical College’s Laboratory Animal Technician Certificate Program as an Independent Study please see the Ag Instructor.</p>			

0819 – HORSE SCIENCE

Term Course Grades 9-12 0.5 Credit Prerequisite: None

The horse industry is continuously growing and changing with the trends of society. Horses will be discussed in terms of riding techniques, training, veterinary care, breed identification, and tack care. Hands on activities include properly cleaning tack, creating a balanced diet, and proper grooming techniques.

At the completion of this course, students will be able to:

- Formulate diets and determine if they are balanced
- Demonstrate how to properly handle horses
- Describe the facilities and equipment necessary to raise horses
- Trouble shoot health problems of horses and determine treatment

Not being offered for the 2020-2021 School Year.

0827 – WILDLIFE & FORESTRY

Term Course Grades 10-12 0.5 Credit Prerequisite: None

Students in Wildlife and Forestry will concentrate on the preservation of wildlife, their habitat, and challenges faced by wildlife and the forest industry. Wildlife species will be discussed in detail including bears, wild dogs, wild cats, game birds, waterfowl and small fur-bearing animals. Forestry topics will center on tree identification, management of a forest, the Great Forest Fires, career opportunities, and the problems encountered by insects and diseases in Wisconsin forests. Hands on activities in this course will include doing a fish taxidermy, tree species identification and determining timber volume estimates.

At the completion of this course students will be able to:

- Identify wild game, bird and fish species
- Complete a fish taxidermy
- Discuss challenges faced by wildlife due to their decreasing Habitats
- Explain current employment opportunities in the industry
- Debate how harvest techniques can be positive and negative on wildlife
- Discuss how to solve problems such as the gypsy moth in Wisconsin forests.

0828 – GREENHOUSE MANAGEMENT & LANDSCAPE DESIGN (Plant Science I)

Semester Course

Grades 9-12

1.0 Credit

Prerequisite: None

This course can be taken for Science Equivalency credit.

This course is Transcribed Credit (Dual Credit) with FVTC (3 credits)

The Greenhouse Management & Landscape Design Course is designed to cover topics that apply to anyone with an interest in plants. Areas of study include identifying houseplant species, flower identification, growing mediums, and propagation methods. Students will learn the basic principles of design and landscape plant requirements in addition to creating their own home landscape projects. *Working in the Greenhouse “hands-on” is a large part of this course!*

At the completion of this course students should be able to:

- Identify houseplants, bedding plants, vegetables and flowers
- Discuss principles of the plant life cycles
- Troubleshoot problems of plants including insect infestation and diseases
- Demonstrate the proper procedure for planting and transplanting plants
- Explain career opportunities available in the greenhouse industry
- Identify landscaping plants and explain their growth requirements
- Describe principles of landscaping
- ☐ Successfully landscape a residential home or community service project

840 – PERSONAL LEADERSHIP

Term Course

Grades 9

0.5 Credit

Prerequisite: None

Have you ever considered your infinite potential? Personal Leadership is designed for freshmen to assist them in their success both in high school and their future careers. This course focuses on the application of leadership skills such as effective communication, teambuilding, and time management strategies. Class activities include: parliamentary procedure, personality assessments, leadership styles, low ropes course, role playing and daily practice in communication skills.

At the completion of this course, students will be able to:

- Organize and direct group activities
- Enhance communication skills
- Demonstrate knowledge of parliamentary procedure
- Work on individual goals in leadership
- Apply leadership principles in “Challenge Activities”

**CHILTON HIGH SCHOOL
ATHLETICS PROGRAM**

Boys Athletics

FBCC - Cross Country (Fall)
FOFB - Football (Fall)
WBBB - Basketball (Winter)
WOBS - Swimming (Winter)
WOOW - Wrestling (Winter)
SOBB - Baseball (Spring)
SBTR - Track (Spring)
SOOG -Golf

Girls Athletics

FGCC - Cross Country (Fall)
FOGA - Swimming (Fall)
FOVB - Volleyball (Fall)
WGBB -Basketball (Winter)
SOSB - Softball (Spring)
SGTR -Track (Spring)

Athletic Support Groups

WODT Dance Team (Winter)