

Hobart High School



Career Pathway & Course Description Guide 2020-2021



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Hobart High School

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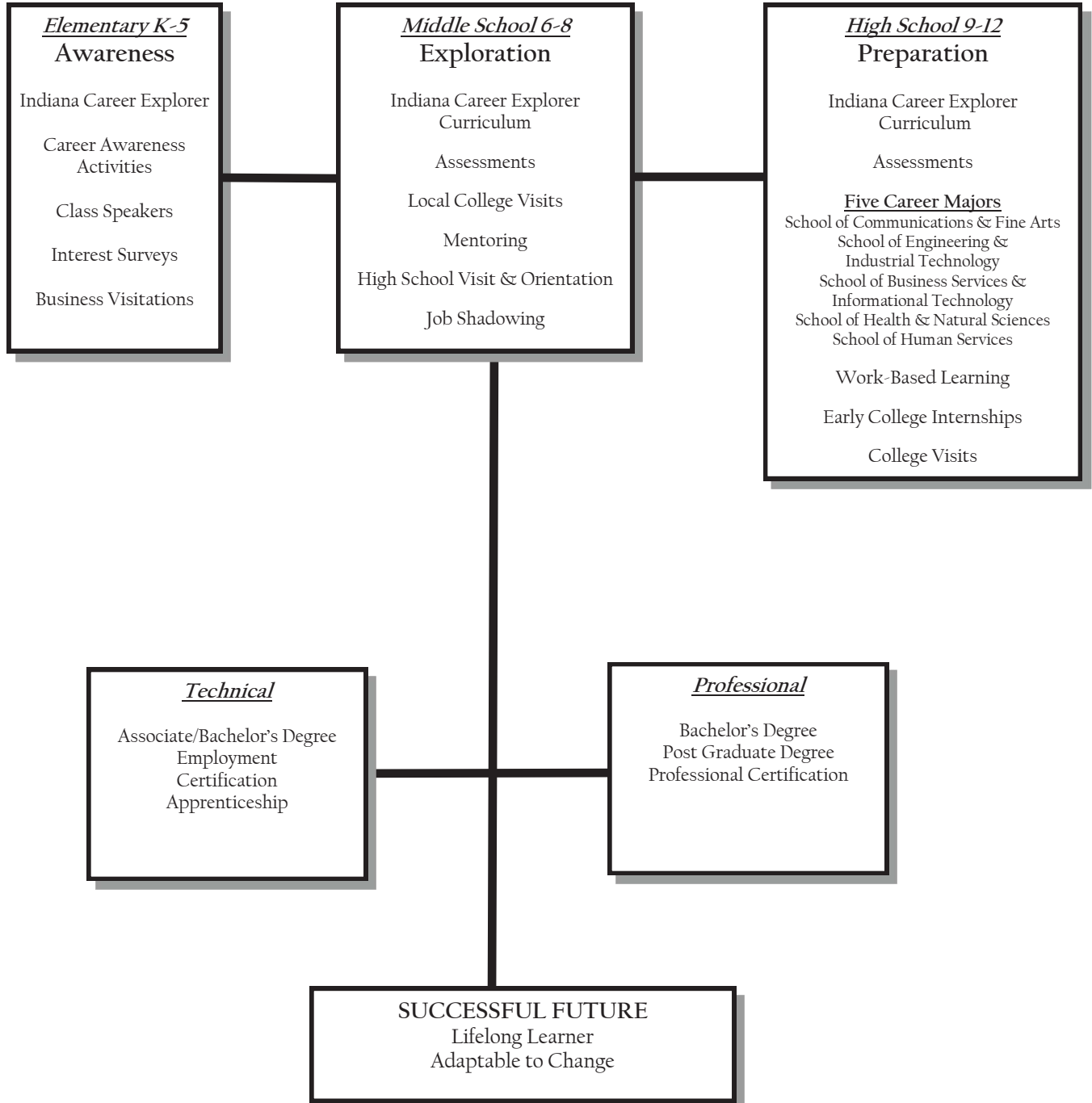
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SCHOOL CITY OF HOBART

Career Education Model






Graduation Pathways

Classes of 2021 and 2022

Students graduating in 2021 or 2022 may satisfy graduation requirements by either passing the current graduation qualifying exams (ISTEP 10) or completing the Graduation Pathway listed below
See your counselor if you have questions!

Class of 2023 and Beyond

Students in the graduating class of 2023 and beyond must satisfy all three of the following Graduation Pathway Requirements by completing one of the associated Pathway Options:

Graduation Requirements	Graduation Pathway Options
	Meet the statutorily defined diploma credit and curricular options. More info on page 5
	Students must complete at least one of the following: <ul style="list-style-type: none">• Project-Based Learning• Service-Based Learning• Work-Based Learning More info on pages 6-7
	Students must complete at least one of the following: <ul style="list-style-type: none">• Honors Diploma• ACT• SAT• ASVAB• State- and Industry-recognized Credential or Certification• Career-Technical Education Concentrator• AP/Dual Credit courses or College Level Examination Program (CLEP) Exams More info on pages 8-9



High School Diploma

INDIANA
CORE40

Hobart High School Requirements to earn a CORE40 Diploma

English/ Language Arts	8 credits
	English 9 English 10 English 11, English 11 Honors English 12, English 12 Honors
Mathematics	6 credits (in grades 9-12)
	2 credits: Algebra I 2 credits: Geometry 2 credits: Algebra II <i>Students must take a math or quantitative reasoning course each year in high school</i>
Science	6 credits
	2 credits: Biology I 2 credits: Chemistry I or Physics I or Integrated Chemistry-Physics 2 credits: any Core 40 science course
Social Studies	6 credits
	2 credits: World History/Civilization 2 credits: U.S. History 1 credit: U.S. Government 1 credit: Economics
Directed Electives	5 credits
	World Languages Fine Arts Career and Technical Education
Physical Education	2 credits (ROTC9 or Marching Band)
Health and Wellness	1 credit
	All freshmen are required to take either summer school Health or Adult Roles/Health during the school year.
Electives*	6 credits
	<i>(College and Career Pathway courses recommended)</i>

40 Total Credits Required

CORE40 with Academic Honors *(minimum 47 credits)*

For the **Core 40 with Academic Honors** diploma, students must:

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages).
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following:
 - A. Earn 4 credits in 2 or more AP courses and take corresponding AP exams
 - A. Earn 6 verifiable transcribed college credits in dual credit courses from approved dual credit list
 - B. Earn the following:
 1. A minimum of 3 verifiable transcribed college credits from approved dual credit list,
 - 2 credits in AP courses and corresponding AP exams,
 - D. Earn a combined score of 1250 or higher on the SAT and a minimum score of 560 on math and 590 on the evidence based reading & writing section.
 - E. Earn an ACT composite score of 26 or higher and complete written section

CORE40 with Technical Honors *(minimum 47 credits)*

For the **Core 40 with Technical Honors** diploma, students must:

- Complete all requirements for Core 40.
- Earn 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:
 1. Pathway designated industry-based certification or credential, or
 2. Pathway dual credits from the lists of priority courses resulting in 6 transcribed college credits
- Earn a grade of "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following,
 - A. Any one of the options (A - E) of the Core 40 with Academic Honors
 - B. Earn the following scores or higher on WorkKeys: Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information-Level 5.
 - C. Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75.



Employability Skills

All students (9-12) will participate in blended learning courses during their Power Hour.

Grade 9—Preparing for College and Careers

Grade 10-12— Interactive Media

All students (10-12) are required to participate in an Interactive Media course that is blended with their core content classes (English and History) and will complete a grade-level specific project along with updating their digital portfolio. The digital portfolio is worked on throughout high school and is all about choice and voice as students build their brands one brick at a time! The grade-level project for seniors is the most exciting of all - it's the Digital Portfolio Capstone Project. Through this project, all seniors will market themselves to prospective employers, college admission advisory members, and/or scholarship committees by providing an overview of who they are, what skills and interests they have, and what makes them college and career ready!

Project-Based Learning	Service-Based Learning	Work-Based Learning
PLTW: Civil Engineering & Architecture	Football, Volleyball, Boys & Girls Tennis, Boys & Girls Golf, Boys & Girls Cross Country, Boys & Girls Soccer, Boys & Girls Basketball, Boys & Girls Track, Wrestling, Gymnastics, Baseball, Softball, Unified Track	Employment Verification Signed Letter: See Guidance Office for form
PLTW: Computer Integrated Manufacturing		** Work Ethic Certificate
PLTW: Engineering Design & Development		Automotive Services Technology I & II
PLTW: Aerospace Engineering	Academic Teams, Quiz Bowl, Spell Bowl, Robotics Club, Chess Club, Band, Theatre, Writer's Club, Cheerleading, Yohan's Army, Brickie Book Club, National Honor Society, First Aid Club, SLAM Poetry Club, Natural Helpers, Dyna-Mics, Wolfgang, Brickie Leaders French Club, Spanish Club, German Club, Hobart TV, Newspaper, Yearbook, Business Professionals of America, Psychology Club, Key Club, Student Council, Youth & Government, JROTC, Hobart Kart Club, Environmental Club, E-Sports Veterinary Science Club, Freshman Class, Sophomore Class, Junior Class, Senior Class	Advanced Manufacturing I
PLTW: Digital Electronics		Construction Trades I & II
PLTW: Biomedical Innovations		Construction Trades: HVAC I & II
PLTW: Medical Interventions		Cosmetology II
Entrepreneurship & New Ventures Capstone		Criminal Justice I & II
Energy Industry I and II		Culinary Arts & Hospitality I
Computer Science I		Dental Careers I & II
Computer Science: Informatics		Diesel Services Technology I & II
Robotics Design & Innovation		Early Childhood Education I & II
		Education Professions I & II
		Electronics & Computer Technology I & II
		Emergency Medical Services
		Fire & Rescue I & II
		Graphic Design & Layout
		Graphic Imaging Technology
		Health Science Education I
		Health Science Education II: Athletic Training
		Health Science Education II: Nursing
		Industrial Automation & Robotics I & II
		Information Technology Support
		Interactive Media
		Landscape Management I & II
		Marketing in Hospitality & Tourism
		Mechanical Drafting & Design I & II
		Precision Machining I & II
		Radio & Television I & II
		Welding Technology I & II
		Work Based Learning Capstone, Multiple Pathways

Work Ethic Certificate

All student participants must demonstrate a minimum proficiency in the following nine (9) competencies to earn the GWEC:

1. Possess a cumulative GPA of 2.0 or higher and meet all graduation requirements
2. Attendance rate of 98% or higher
3. One or fewer discipline referrals during the eligible school year
4. Minimum of 6 hours of school or community service during the eligible school year
5. Perseverance and problem-solving
6. Service to others, possess a positive attitude, and strong communication skills
7. Ability to be a self-starter and critical thinker
8. Reliability, responsibility, and teamwork
9. Organization skills, importance of punctuality, and self-management

Do *you* Have The Skills Indiana's Employers Are Searching For?

INDIANA EMPLOYERS WANT HIGHLY-SKILLED EMPLOYEES. DEVELOPING THESE **18 Employability Skills** CAN HELP YOU LAND YOUR DREAM JOB!

MINDSETS

Lifelong Learning

DEMONSTRATE WILLINGNESS TO WORK AND LEARN, AND CONTINUALLY APPLY NEW KNOWLEDGE.



Possess **belief** in own ability to succeed and assert self when necessary.



SELF-CONFIDENCE

LEARNING STRATEGIES

Effective COMMUNICATION

Apply skills to clearly, effectively, and convincingly express ideas and messages to others appropriate to the environment.

DECISION-MAKING

Utilize critical thinking skills and perspectives of others to make informed decisions based on options, rewards, risks, limits, and goals.



INITIATIVE

Apply self-motivation and self-direction to work and learning.



Attention to DETAIL

Achieve thoroughness and accuracy when accomplishing a task.



APTITUDE & Awareness

Identify and communicate individual interests and skills that align coursework and experiences to potential career paths and to in-demand occupations.



PROBLEM SOLVING

Apply critical and creative thinking skills to resolve problems.



WORK ETHIC

Self-Discipline

Demonstrate **self-control** and behave in accordance to rules with minimal direction.



Successfully carry out expectations with minimal supervision.



INDEPENDENCE

PERSEVERANCE

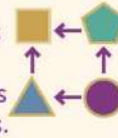
DEMONSTRATE ENDURANCE AND CAPACITY TO COMPLETE TASKS.



TIME MANAGEMENT & ORGANIZATION

Plan and organize long and short-term goals while understanding how to balance school, home, and community activities.

Manage transitions and adjust to changing situations and responsibilities.



ADAPTABILITY

INTEGRITY

ACT IN A TRUSTWORTHY AND HONEST MANNER.



PROFESSIONALISM

Demonstrate skills and behaviors appropriate for school and work.

SOCIAL & EMOTIONAL SKILLS

Connection



Demonstrate the ability to network with others through social awareness and cultural sensitivity.

REGULATION

Recognize and manage one's emotions.



Collaboration

Work well with others in a team.





Postsecondary-Ready Competencies

Students must complete at least one of the following:

Competency	Description
Honors Diploma	See page 5
ACT	Must meet national college-ready benchmarks set by ACT. For 2019, these were 18 in English, 22 in Reading, 22 in Math, and 23 in Science (<i>These scores are subject to change</i>) Students can sign up to take the ACT outside of school, primarily on Saturdays. Sign up at www.actstudent.org .
SAT	Must meet national college-ready benchmarks set by the College Board. For 2019, these were 480 in English and 530 in Math (<i>These scores are subject to change</i>). Hobart High School administers the SAT to all juniors in the spring of their eleventh grade year. Prior to this, students will have the opportunity to take the PSAT, as well as utilize Khan Academy for free SAT practice.
ASVAB	Army and Marines—score of 31 Navy—score of 35 Air Force—score of 36 Coast Guard—score of 45 The ASVAB will be given once per semester at Hobart High School. A qualifying score of 31 will meet this requirement.
State and Industry Recognized Credential or Certification (as determined by the State Board of Education)	See Course Descriptions beginning on page 27 or Industry Certifications on page 9.
Career-Technical Education Concentrator	Classes of 2021 and 2022: Students must complete six (6) credits in a prescribed pathway. Classes of 2023 and 2024: Students must take two (2) advanced CTE courses in a prescribed pathway.
AP/Dual Credit courses or College Level Examination Program (CLEP) Exams	If a student is taking AP/Dual Credit courses to meet the postsecondary-ready competency, either: One of the three courses must be in a core content area. Students pursuing liberal arts tracks must have at least one course corresponding with the CTL; OR All three courses must be part of a defined CTE sequence. A defined CTE sequence of courses is based on the Indiana College and Career Pathways. These courses must correspond with the CTE Technical Dual Credit Crosswalk (see counselor for details). For a complete list of Dual Credit courses offered at Hobart High School, see page 9. CLEP Exams are offered through the College Board. Exam scores are evaluated by a postsecondary institution at the time of admission to determine if the student should be awarded college credit. These exams are taken independent of a course. There are CLEP exams offered in the following subjects: Composition and Literature, World Languages, History and Social Sciences, Science and Mathematics, Business. One of these exams must be in a core content area (e.g., English, Math, Science, or Social Studies). The equivalent score for the CLEP exam is a 50 or higher on three exams to fulfill the Graduation Pathways requirement. Indiana institutions of higher education may require different scores in order to award college credit. Each exam currently costs \$85 per test.

Industry Certifications that can be earned at Hobart High School

	Industry Certification	Issuing Organization	Course
School of Engineering & Industrial Technology	AWS Certified Welder	American Welding Society	Welding Technology I or II (PCCC)
	Associate Certified Electronics Technician (CETA)	Electronics Technicians Association, Inc	Electronics & Computer Technology I or II (PCCC)
	Certified Solidworks Associate (CSWA)	Solidworks	CAP & Animation I (PCCC)
	Autodesk Certified Professional (ACP) - Inventor	Certiport	Mechanical Drafting & Design or Civil Engineering & Architecture
	Autodesk Certified User (ACU) - Revit Architecture	Certiport	Civil Engineering & Architecture
	Home Builders Institute/National Association of Home Builders—Carpentry Basics	NOCTI	Construction Trades I or II (PCCC)
	NCCER Core Curriculum	National Center for Construction Education & Research	Construction Trades I or II (PCCC)
	ASE—Various Certifications	National Institute of Automotive Service Excellence	Automotive Technology I or II (PCCC) and Diesel Service Technology (PCCC)
School of Health & Natural Sciences	Certified Nursing Assistant (CAN)	Indiana Department of Health	Health Science II (PCCC)
	Certified Medical Assistant (CMA)	American Association of Medical Assistants (AAMA)	Medical Assisting (HU)
School of Business Services & Information Technology	Microsoft Office Specialist <i>Bundle Certifications (3 of 7, and one must be Excel)</i>	Certiport	Administrative & Office Management Principles of Business Management
	QuickBooks Pro Adviser	Intuit	Introduction to Accounting
School of Communication & Fine Arts	Adobe Certified Associate (ACA) - ACA Specialist <i>(Bundle three of the following associate exams—After Effects, Animate, Dreamweaver, Flash, Illustrator, InDesign, Photoshop, Premiere Pro)</i>	Certiport	Graphic Design & Layout I & II and Computer Illustration Graphics
School of Human Services	Child Development Associate (CDA)	Council for Professional Recognition	Early Childhood Education I
	EMT—Basic	National Registry of Emergency Medical Technicians	EMT (PCCC)
	Fire Fighter I	Indiana Department of Homeland Security	Fire & Rescue (PCCC)
	Fire Fighter II	Indiana Department of Homeland Security	Fire & Rescue (PCCC)
	Indiana State Board of Cosmetology & Barber Examiners—1500 Cosmetology	Indiana Professional Licensing Agency	Cosmetology (PCCC)

Dual Credit Courses offered at Hobart High School

Dual Credit refers to courses in which high school students have the opportunity to earn both high school and college credits while enrolled at Hobart High School. Courses are taught by credentialed high school faculty, and offer students the ability to take classes in the comfort of their high school with teachers that they know. These courses are pre-approved for transfer between all Indiana public college and university campuses and six independent colleges and universities as long as adequate grades are earned. Learn more about Indiana's Core Transfer Library at <https://transferin.net>.

Adv Sci/CC/BIOL 105	Computer Illustration & Graphics	Finite Mathematics	Music History Appreciation	Quantitative Reasoning
Adv Sci/CC/BIOL 107	Computer Science I	French III & IV	Networking I: Infrastructure	Radio & Television I
Adv Sci/CC/CHEM 105	Consumer Behavior	German III & IV	Personal Finance	Spanish III & IV
Adv Sci/CC/CHEM 106	Criminal Justice I & II	Graphic Design & Layout	PLTW Biomedical Innovation	Trigonometry
Adv Speech & Communication	Drawing	Interactive Media Capstone	Pre-Calculus	US Government Honors
Anatomy and Physiology	Education Professions	Intro to Accounting	Prep for College & Careers	US History Honors
Business Law & Ethics	English 11 Honors & 12 Honors	Intro to Engineering Design	Principles of Business Mgt.	World History & Civ Honors
Calculus Honors	English 12 Honors: Creat. Writing	Marketing in Hospitality	Principles of Engineering	
Chemistry II Honors	English 12 Honors: Literature	Mechanical Drafting I	Principles of Marketing	
Civil Eng & Architecture (CEA)	Entrepreneurship & New Ventures	Medical Terminology	Psychology I	

Early College at Hobart High School

What is dual credit and Early College?

In Indiana, 'dual credit' is the term given to courses in which high school students have the opportunity to earn both high school and college credits in the same course. Dual credit courses are taught by high school faculty, college faculty, or adjunct college faculty either at the high school, at the college or university, or sometimes through online courses or distance education.

At a minimum, all college Core Transfer Library (CTL) courses will meet the general education or free elective requirements of undergraduate degree programs and a significant majority of CTL courses will generally count as one-to-one equivalents to courses taught at the receiving campus. Many CTL courses will also count for specific course requirements in degree programs.



**HELPING YOU
EARN FREE
COLLEGE CREDITS
IN HIGH SCHOOL.**

**GET AHEAD.
STAY AHEAD.**

Earn **FREE** college credits
for high school classes.

Apply your credits to a **degree
or certificate at Ivy Tech.**

What is ASAP?

[ASAP](http://www.ivytech.edu/ASAP) is an accelerated associates degree program where students receive their Associates Degree in 11 months (June-May) following high school graduation. Students are selected for the program based on GPA and attendance, ASAP application, and interviewing process. The application for the program can be found at www.ivytech.edu/ASAP.

There are 3 various program tracks that students can select from while in the program: Business Administration, Psychology, and Liberal Arts. Once students complete the program, they have the ability to continue their education as a Junior at a 4-year institution in order to graduate with their Bachelor Degree in only 2 additional years. Thus, this is a 1+2 program where students can obtain their Associate and Bachelor Degrees in 3 years.

≡ YOU ≡
can start YOUR
COLLEGE
EDUCATION *now*
FOR **FREE**



Save money and time with dual credit courses here at your high school that count toward an Ivy Tech certificate or degree—and could even transfer to four-year Indiana colleges.





STGEC

Statewide General Education Core

The Statewide Transfer General Education Core (STGEC) is a Technical Certificate (College Credential) that can be earned by taking dual credit and traditional classes with Ivy Tech through Hobart University.

The Statewide Transfer General Education Core consists of 30 semester hours of credit in general education classes such as Math, Science, History, English, etc., the completion of which at one public institution (Ivy Tech) means it can transfer as a block and count as satisfying the Statewide Transfer General Education Core equivalent at the receiving *public* Indiana institution. Public Indiana institutions include IU (all sites), Purdue (all sites), Ball State, IUPUI, University of Southern Indiana, and Indiana State University.

This 30-credit hour block of courses is equal to a full year of college coursework, meaning any student that completes the STGEC can cut roughly a year-off of college if they earn the STGEC. The STGEC is also half (30 credits) of the credits needed to earn an Associate Degree in Liberal Arts or General Studies (60 credit degrees) at Ivy Tech.

The requirements needing to be satisfied to be awarded the STGEC at Ivy Tech are:

- 30 Credit Hours must be earned from classes offered on the STGEC.
- Students must earn *at minimum* 3 credit hours in *each* of the 6 categories on the STGEC (Written Communication, Speaking and Listening, Quantitative Reasoning, Scientific Ways of Knowing, Social and Behavioral Ways of Knowing, and Humanistic and Artistic Ways of Knowing).
- The maximum credit hours for each of the 6 categories allowed is 12 credit hours (ie., even if a student earns 15 credit hours in the Scientific Ways of Knowing category, only 12 of those credit hours will count towards the 30 credits needed to earn the STGEC).
- At minimum, 15 of the 30 credit hours needed to earn the STGEC must come from Ivy Tech dual credit courses *or* traditional classes to meet Ivy Tech residency requirements.
- Students must earn, at minimum, a 2.0 GPA in their dual credit classes that are part of the STGEC in order to be awarded the STGEC.



STGEC

One Year of College Credit at HHS!

Must take at least one course from each of the six categories below & earn a total of 30 credits from this page to earn the STGEC.

Yellow: HHS Info

Gray: Ivy Tech Info

QUANTITATIVE REASONING

3-12 CREDITS

Finite Mathematics	HHS#70055	3 credits	MATH 135	Finite Math*	Grades 11-12
Pre-Calculus	HHS#70052	3 credits	MATH 136	College Algebra*	Grades 11-12
Trigonometry	HHS#70051	3 credits	MATH 137	Trig with Analytic Geometry*	Grades 11-12
Calculus	HHS#70053	4 credits	MATH 211	Calculus I*	Grade 12
Quant. Reasoning	HHS#70054	3 credits	MATH 123	Quantitative Reasoning*	Grade 12

SOCIAL & BEHAVIORAL WAYS OF KNOWING

3-12 CREDITS

US History Honors	HHS#700792	3 credits	HIST 101	Survey of American History I*	Grade 11
US History Honors	HHS#70079D	3 credits	HIST 102	Survey of American History II*	Grade 11
US Govt Honors	HHS#70083D	3 credits	POLS 101	Introduction to American Government and Politics*	Grade 12
Psychology Honors	HHS#70087	3 credits	PSYC 101	Introduction to Psychology*	Grades 10-12
World History Honors	HHS#70076D	3 credits	HIST 111	World Civilization I	Grade 10
World History Honors	HHS#70076D	3 credits	HIST 112	World Civilization II	Grade 10

HUMANISTIC & ARTISTIC WAYS OF KNOWING

3-12 CREDITS

Eng 12 Hon/Cr. Writ.	HHS#70019	3 credits	ENGL 202	Creative Writing*	Grade 12
Eng 12 Hon/Lit.	HHS#70017	3 credits	ENGL 206	Introduction to Literature*	Grade 12
French III	HHS#70097	4 credits	FREN 101	French Level 1*	Grades 11-12
French III	HHS#70097	4 credits	FREN 102	French Level 2*	Grades 11-12
French IV	HHS#70098	3 credits	FREN 201	French Level 3*	Grade 12
French IV	HHS#70098	3 credits	FREN 202	French Level 4*	Grade 12
German III	HHS#70102	4 credits	GERM 101	German Level 1*	Grades 11-12
German III	HHS#70102	4 credits	GERM 102	German Level 2*	Grades 11-12
German IV	HHS#70103	3 credits	GERM 201	German Level 3*	Grade 12
German IV	HHS#70103	3 credits	GERM 202	German Level 4*	Grade 12
Spanish III	HHS#70107	4 credits	SPAN 101	Spanish Level 1*	Grades 10-12
Spanish III	HHS#70107	4 credits	SPAN 102	Spanish Level 2*	Grades 10-12
Spanish IV	HHS#70108	3 credits	SPAN 201	Spanish Level 3*	Grades 11-12
Spanish IV	HHS#70108	3 credits	SPAN 202	Spanish Level 4*	Grades 11-12

SCIENTIFIC WAYS OF KNOWING

3-12 CREDITS

Biology II	HHS#70073	3 credits	BIOL 101	Introductory Biology*	Grades 10-12
Chemistry II	HHS#70074	3 credits	CHEM 101	Introductory Chemistry*	Grades 11-12
Adv Sci/CC/CHEM105	HHS#70068D	10 credits	CHEM 105/106	Gen. Chemistry I & II*	Grade 12
Adv Sci/CC/BIOL105	HHS#70071D	10 credits	BIOL 105/107	Biology I & II*	Grades 11-12

WRITTEN COMMUNICATION

3-6 CREDITS

Eng. 11 or 12 Honors	HHS#70010	3 credits	ENGL 111	English Composition*	Grades 11-12
Eng. 11 or 12 Honors	HHS#700151/700152	3 credits	ENGL 215	Rhetoric & Argument*	Grades 11-12

SPEAKING & LISTENING

3 CREDITS

Advanced Speech & Communication	HHS#70025	3 credits	COMM 101	Fund. Of Public Speaking*	Grades 10-12
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STATEWIDE TRANSFER GENERAL EDUCATION CORE (STGEC): 30 MINIMUM CREDITS

Yellow: HHS Info

Gray: Ivy Tech Info

*Denotes Indiana Core Transfer Library Course
Updated 12.3.19



Associate Degree

Two Years of College Credit
at HHS!

In order to earn one of the three Associate degrees, students *MUST* complete the 30 hours within the STGEC Technical Certificate as well as 30 additional credits from those listed beneath the specific Associate degree desired.

Hobart University students are able to earn one of three different 2-year Associate Degrees just by taking dual credit courses in high school! The three different Associate Degrees students can earn are the Associate of General Studies (AGS), the Liberal Arts Associate of Arts (LIB AA), and the Liberal Arts Associate of Science (LIB AS).

All three degrees are very similar in that they require students earn 60 college credits (30 of those credits coming from the STGEC) with a minimum 2.0 College GPA (average grade of a C in all courses). They also have in common that they prepare students to transfer into four-year universities on the pathway to a Bachelor's Degree, or they can allow students the opportunity to move directly into the workforce.

The main differences in the curriculum requirements for these degrees is the following:

- The Associate of General Studies allows the most flexibility in terms of student electives of the three Associate Degrees as 22 of the 60 required credits can come from any dual credit classes, including the PNW dual credit classes!
- The Associate of Arts in Liberal Arts is the only of the three Associate Degrees that requires students earn at least 6 credits in a world language. Students aiming to earn this degree must take, at minimum, a full year of French III, German III, or Spanish III as dual credit.
- The Associate of Science in Liberal Arts is the only of the three Associate Degrees that require students take an additional 9 more credits beyond the STGEC from the subjects of Math, Science, and Social Studies.

IVYT 111 – Student Success: This course provides students with an overview of skills and strategies necessary to successfully complete a degree or certificate from Ivy Tech Community College and to transfer to a four-year institution. Students focus on developing an individualized transfer plan focused on reaching their educational, career, and life objectives. **This course is completed during the 9th grade year in Preparing for College and Careers.**

GENS 279 – Capstone Course: This course provides a culminating experience designed to demonstrate a student's mastery of information literacy; ethical and responsible behavior; political, social and environmental responsibility; and diversity awareness, both in general and in the student's area of interest. This course may require a research project, presentation, and/or portfolio. **This course is completed during the 12th grade year in Interactive Media.**

Yellow: HHS Info

Gray: Ivy Tech Info

Associate of General Studies

OTHER INSTITUTIONAL REQUIREMENTS

Student Success	HHS#NA	1 credit	IVYT 111	Student Success	Grade 9
US Govt. Honors	HHS#70083D	3 credits	POLS 101	Intro to American Govt & Pol.	Grade 12
Int Media Capstone	HHS#NA	1 credit	GENS 279	General Studies Capstone	Grade 12
Eng 11 or 12 Honors	HHS#70010/ 700151/700152	3 credits	ENGL 215	Rhetoric & Argument	Grades 11-12

STATEWIDE ELECTIVES

XXXXX	HHS#TBD	22 credits	XXXX XXX	<u>ANY</u> 100+ Level Dual Credit Courses
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Liberal Arts: Associate of Science

OTHER INSTITUTIONAL REQUIREMENTS

Student Success	HHS#NA	1 credit	IVYT 111	Student Success	Grade 9
Int Media Capstone	HHS#NA	1 credit	GENS 279	General Studies Capstone	Grade 12

PROFESSIONAL-TECHNICAL REQUIREMENTS

Eng 11 or 12 Honors	HHS#70010/ 700151/700152	3 credits	ENGL 215**	Rhetoric & Argument	Grades 11-12
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CHOOSE 9-13 ADDITIONAL CREDIT HOURS FROM THE THREE CATEGORIES BELOW:

Scientific Ways of Knowing

Social & Behavioral Ways of Knowing

Quantitative Reasoning

Course names and information can be found on page 13.

TRANSFER CLUSTER—CHOOSE 16 CREDITS:

Computer Science I	HHS#70506	3 credits	SDEV 120	Computer Logic	Grades 9-12
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AND choose from the Transfer Cluster Course Elective Options in the box below.

Liberal Arts: Associate of Arts

OTHER INSTITUTIONAL REQUIREMENTS

Student Success	HHS#NA	1 credit	IVYT 111	Student Success	Grade 9
Int Media Capstone	HHS#NA	1 credit	GENS 279	General Studies Capstone	Grade 12

PROFESSIONAL-TECHNICAL REQUIREMENTS

Eng 11 or 12 Honors	HHS#70010/ 700151/700152	3 credits	ENGL 215	Rhetoric & Argument	Grades 11-12
Foreign Lang. Elective	HHS#XXXX	6-8 credits	XXXX XXX	Foreign Language Electives	Grades 9-12
Hum. & Art. Elective	HHS#XXXX	3 credits	XXXX XXX	Another Humanistic & Art. Ways of Know. Course (<i>see p. 13</i>)	Grades 10-12

TRANSFER CLUSTER—CHOOSE 16 CREDITS:

Choose from the Transfer Cluster Course Elective Options in the box below.

TRANSFER CLUSTER COURSE ELECTIVE OPTIONS (applies to Associate of Science and Associate of Arts Degree)


Intro to Accounting	HHS#70180	3 credits	ACCT 101	Financial Accounting	Grades 10-12
Honors A & P	HHS#70072	3 credits	APHY 101	A & P I	Grades 11-12
Honors A & P	HHS#70072	3 credits	APHY 102	A & P II	Grades 11-12
Biology II Honors	HHS#70073	3 credits	BIOL 101	Introductory Biology	Grades 10-12
Adv Sci/CC/BIOL105	HHS#70071D	5 credits	BIOL 105	Biology I	Grades 11-12
Adv Sci/CC/BIOL105	HHS#70071D	5 credits	BIOL 107	Biology II	Grades 11-12
Princ. Of Bus. Mgt.	HHS#70189	3 credits	BUSN 101	Intro to Business	Grades 9-12
Pers. Financ. Respon.	HHS#70190	3 credits	BUSN 108	Personal Finance	Grades 9-12
Chemistry II Honors	HHS#70074	3 credits	CHEM 101	Intro Chemistry I	Grades 11-12
Adv Sci/CC/CHEM105	HHS#70068D	5 credits	CHEM 105	Gen. Chemistry I	Grade 12
Adv Sci/CC/CHEM105	HHS#70068D	5 credits	CHEM 106	Gen. Chemistry II	Grade 12
Criminal Justice I	HHS#700218	3 credits	CRIM 101	Intro to Criminal Justice	Grades 10-12
Eng 12 Hon: Cre. Writ.	HHS#70017	3 credits	ENGL 202	Creative Writing	Grade 12
Eng 12 Hon: Literature	HHS#70019	3 credits	ENGL 206	Intro to Literature	Grade 12
Medical Terminology	HHS#70061	3 credits	HLHS 101	Medical Terminology	Grades 10-12
US Govt. Honors	HHS#70083D	3 credits	POLS 101	Intro to Amer. Govt. & Politics	Grade 12
Psychology I Honors	HHS#70087	3 credits	PSYC 101	Intro to Psychology	Grades 10-12

Also included: FREN 101 or higher, GERM 101 or higher, SPAN 101 or higher, HIST 101 or higher, MATH 123 or higher.

Hobart High School

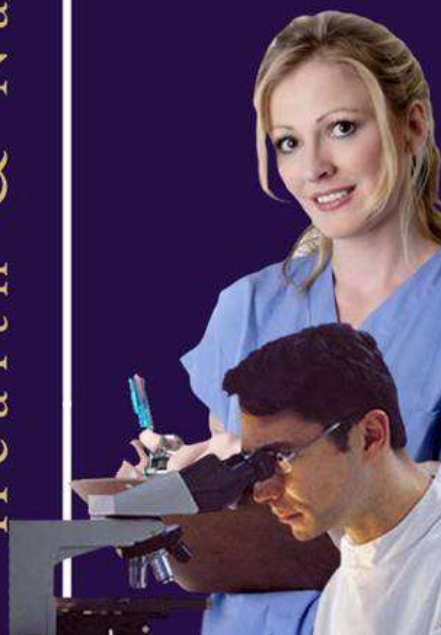
School of
Engineering & Industrial Technology

- Construction & Maintenance
- Transportation
- Engineering & Applied Technologies
- PLTW Pre-Engineering



School of
Health & Natural Sciences

- Natural Science & Mathematics
- Medicine & Medical Technology
- Nursing & Human Care
- Agricultural Science
- PLTW Biomedical Sciences



School of
Business Services & Informational Technology

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- Cisco



1 Career Pathways

Marketing Management

Office Technologies

Accounting

Information Technology

Networking



School of Communication & Fine Arts

Journalism, Media & Telecommunications


Visual Arts

Performing Arts

Instrumental Music

Vocal Music

Theatre

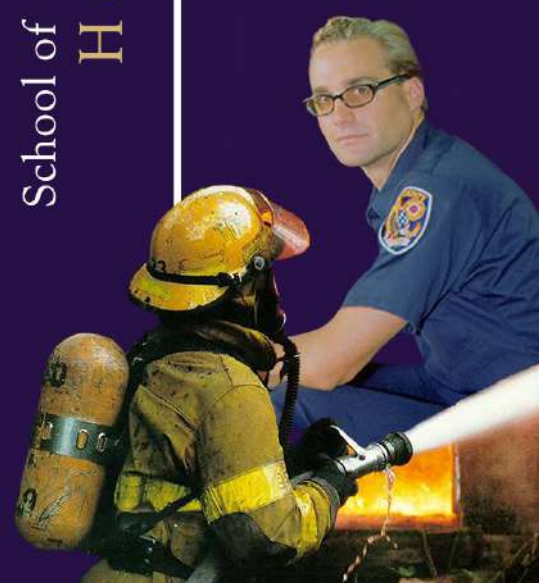


School of Human Services

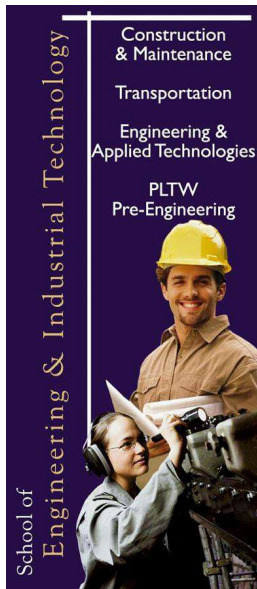
Public Safety & Protective Services

Educational & Social Services

Hospitality Marketing



School of Engineering &



OCCUPATIONS

Aerospace Engineer
Aircraft Mechanic & Service Technician
Airline Pilot
Architectural & Civil Drafter
Astronomer
Automotive Specialty Technician
Biomedical Engineer
Boilermaker
Carpenter
Chemical Plant & System Operator
Civil Engineer
Commercial Pilot
Computer Programmer
Computer User Support Specialist
Construction & Building Inspector

Construction Manager
Electric Motor, Power Tool, & Related Repairer
Electrical Engineering Technician
Electrician
Engineer
Heating, Air Conditioning, & Refrigeration Mechanic & Installer
Industrial Machinery Mechanic
Industrial Safety & Health Engineer
Machinist
Microbiologist
Millwright
Motorcycle Mechanic
Nuclear Technician
Pipelayer

Plumber
Railroad Conductors & Yardmaster
Rigger
Roofer
Sheet Metal Worker
Stonemason
Surveyor
Tool and Die Maker
Transportation Manager
Welder, Cutter, Solderer, & Brazier

ELECTIVES

Pathway Electives:

Computer Science I
Computer Science II
Computer Science III: Informatics
Information Tech Support
Information Tech Support Intern
Mechanical Drafting & Design I
Mechanical Drafting & Design II
Networking I
PLTW: Intro to Engineering Design
PLTW: Principles of Engineering
PLTW: Civil Engineering & Architecture
PLTW: Computer Integrated Manufacturing
PLTW: Digital Electronics
PLTW: Engineering Design/Development
Energy Industry I
Chemical Process Operations
Robotics Design & Innovation
PLTW: Cybersecurity
Aerospace Engineering

Other electives to support this pathway:

JROTC
Psychology I Honors
Advanced Speech and Communication
Calculus Honors
Finite Math
Pre-Calculus Honors
Honors Physics I
Quantitative Reasoning
Trigonometry Honors
French I-V
German I-IV
Spanish I-V

Grade 9	Grade 10	Grade 11	Grade 12
English 9 or English 9 Honors	English 10 or English 10 Honors	English 11 or English 11 Honors	English 12 or English 12 Honors
Algebra I or Algebra I Honors	Geometry or Geometry Honors	Algebra II or Algebra II Honors	Government/Economics
Biology I or Biology I Honors	ICP or Chemistry	Core 40 Science	Quantitative Reasoning Course
Physical Education	World History or World History Honors	US History or US History Honors	<i>Elective</i>
Adult Roles/Health	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>

Industrial Technology

Graduation Pathway Requirements: 3 Early College Courses

Mechanical Drafting I	German III	Preparing for College & Careers
Mechanical Drafting II	German IV	PLTW: Principles of Engineering
Calculus Honors	Information Technology Support	Psychology
Chemical Process Operations	Networking I	Quantitative Reasoning
Computer Science I	Adv. Speech & Communication	Spanish III
Computer Science II	PLTW: Digital Electronics	Spanish IV
Computer Science III	PLTW: Intro to Engineering Design	Trigonometry
Energy Industry I	PLTW: Civil Engineering & Architecture	US Government Honors
English 11 Honors	PLTW: Computer Integrated Manufacturing	US History Honors
English 12 Honors	Pre-Calculus	
Finite Mathematics		
French III		
French IV		



Early College/Dual Credit



Graduation Pathway Requirements for Classes of 2021 and 2022: Six (6) Credits in a Career & Technical Education (CTE) Concentrator Pathway (number of credits in parenthesis after course name)

Pathway: Commercial & Residential Facilities Management

Preparing for College & Careers (1)
Industrial Technical Maintenance I (6) PCCC
Industrial Technical Maintenance II (6) PCCC

Pathway: Construction

Preparing for College & Careers (1)
Construction Trades I (6) PCCC
Construction Trades II (6) PCCC

Pathway: Electrical

Preparing for College & Careers (1)
Energy Industry I (6) HU
Energy Industry II (6) HU

Pathway: HVAC

Preparing for College & Careers (1)
Construction Technology HVAC I (6) PCCC

Pathway: Mechanical

Preparing for College & Careers (1)
PLTW: Intro to Engineering Design (2)
PLTW: Principles of Engineering (2)
Mechanical Drafting & Design I (2)
Mechanical Drafting & Design II (2)

Pathway: Automotive Technology

Preparing for College & Careers (1)
Automotive Services Technology I (6) PCCC
Automotive Services Technology II (6) PCCC

Pathway: Diesel Services Technology

Preparing for College & Careers (1)
Diesel Service Technology I (6) PCCC
Diesel Service Technology II (6) PCCC

Pathway: Advanced Manufacturing

Preparing for College & Careers (1)
Advanced Manufacturing I (6) HU
Advanced Manufacturing II (6) HU

Pathway: Machine Tool

Preparing for College & Careers (1)
PLTW: Computer Integrated Manufacturing (2)
Precision Machining I (6) PCCC
Precision Machining II (6) PCCC

Pathway: Electronics

Preparing for College & Careers (1)
Electronics & Computer Technology I (6) PCCC
Electronics & Computer Technology II (6) PCCC

Pathway: Welding

Preparing for College & Careers (1)
PLTW: Intro to Engineering Design (2)
Welding Technology I (6) PCCC
Welding Technology II (6) PCCC

Pathway: Engineering

Preparing for College & Careers (1)
PLTW: Intro to Engineering Design (2)
PLTW: Principles of Engineering (2)
PLTW: Computer Integrated Manufacturing (2)
PLTW: Civil Engineering & Architecture (2)
PLTW: Digital Electronics (2)
PLTW: Engineering Design & Development (2)
PLTW: Aerospace Engineering (2)
Computer Science I (2)
Robotics Design & Innovation (2)

HU = Hobart University
PCCC = Porter County Career Center
CTE Classes may also receive Early College credit



Career & Technical Education

Graduation Pathway Requirements for Classes of 2023 and 2024: Two (2) Advanced Career & Technical Education (CTE) courses in a prescribed pathway

Pathway: Construction

Construction Trades I PCCC
Construction Trades II PCCC

Pathway: Energy

Energy Industry I HU
Energy Industry II HU

Pathway: Mechanical

Mechanical Drafting & Design I
Mechanical Drafting & Design II

Pathway: Advanced Manufacturing

Advanced Manufacturing I HU
Advanced Manufacturing II HU

Pathway: Electronics

Electronics & Computer Technology I PCCC
Electronics & Computer Technology II PCCC

Pathway: Industrial Technical Maintenance

Industrial Technical Maintenance I PCCC
Industrial Technical Maintenance II PCCC

Pathway: Machine Technology

Precision Machining I PCCC
Precision Machining II PCCC

Pathway: Welding

Welding Technology I PCCC
Welding Technology II PCCC

Pathway: Engineering

PLTW: Principles of Engineering **AND** one of the following
PLTW: Civil Engineering & Architecture
PLTW: Aerospace Engineering
PLTW: Digital Electronics
PLTW: Computer Integrated Manufacturing

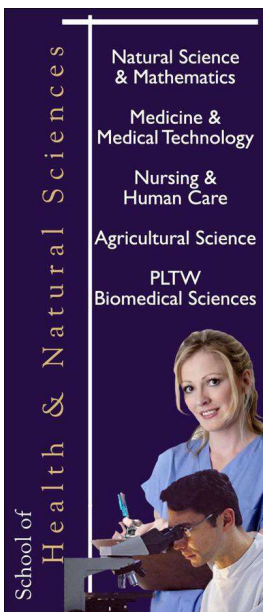
Pathway: Automotive Technology

Automotive Services Technology I PCCC
Automotive Services Technology II PCCC

Pathway: Diesel Services Technology

Diesel Service Technology I PCCC
Diesel Service Technology II PCCC

School of Health



OCCUPATIONS

Agricultural & Food Science Technician
Agricultural Equipment Operator
Agricultural Science Teacher
Animal Scientist
Athletic Trainer
Biochemist & Biophysicist
Biological Science Teacher
Chemical Technician
Chiropractor
Conservation Scientist
Dental Assistant
Dental Hygienist
Dentist
Diagnostic Medical

Sonographer
Dietitian & Nutritionist
Emergency Medical Technician and Paramedic
Environmental Science Teacher
Family and General Practitioner
Farm & Ranch Manager
Floral Designer
Forest & Conservation Technician
Geophysical Data Technician
Grounds Maintenance Worker
Health Educator
Healthcare Support Worker

Home Health Aide
Massage Therapist
Medical & Clinical Laboratory Technician
Medical Assistant
Medical Records & Health Information Technician
Medical Transcriptionist
Nursery and Greenhouse Manager
Nursing Assistant
Occupational Health & Safety Specialist
Optometrist
Orthodontist
Pest Control Worker
Pharmacist
Pharmacy Technician

Physical Therapist Assistant
Physical Therapist
Physician Assistant
Physician & Surgeon
Physicist
Psychiatrist
Radiologic Technician
Respiratory Therapist
Soil and Plant Scientist
Veterinarian
Veterinary Assistant & Laboratory Animal Caretaker
Veterinary Technologist & Technician
Zoologist & Wildlife Biologist

ELECTIVES

Pathway Electives:

Adv Sci/CC/CHEM 105/AP Chemistry
Adv Sci/CC/BIOL 105/AP Biology
Biology I Honors
Biology II Honors
Chemistry I
Chemistry I Honors
Chemistry II Honors
Environmental Science
Honors Anatomy & Physiology
Honors Physics I
Integrated Chemistry/Physics
Medical Terminology
PLTW: Biomedical Innovation
PLTW: Human Body Systems
PLTW: Medical Interventions
PLTW: Principles of Biomedical Sciences
Medical Assisting

CNA
Conditioning & Training
Strength/Cardio
Lifeguarding
Team Sports

Other electives to support this pathway:

Advanced Speech & Communication
Calculus Honors
Finite Math
Pre-Calculus Honors
Quantitative Reasoning
Trigonometry Honors
French I-V
German I-IV
Spanish I-V
JROTC
Psychology I Honors

Grade 9	Grade 10	Grade 11	Grade 12
English 9 or English 9 Honors	English 10 or English 10 Honors	English 11 or English 11 Honors	English 12 or English 12 Honors
Algebra I or Algebra I Honors	Geometry or Geometry Honors	Algebra II or Algebra II Honors	Government/Economics
Biology I or Biology I Honors	ICP or Chemistry	Core 40 Science	Quantitative Reasoning Course
Physical Education	World History or World History Honors	US History or US History Honors	<i>Elective</i>
Adult Roles/Health	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>

Math & Natural Sciences

Graduation Pathway Requirements: 3 Early College Courses

Adv Sci/CC/BIOL 105 Honors
 Adv Sci/CC/CHEM 105 Honors
 Advanced Speech & Communication
 Anatomy & Physiology
 Biology II Honors
 Calculus Honors
 Chemistry II Honors
 Economics Honors or Advanced
 English 11 Honors
 English 12 Honors
 Finite Mathematics
 French III
 French IV

German III
 German IV
 Medical Terminology
 PLTW: Biomedical Innovation
 Pre-Calculus
 Preparing for College & Careers
 Psychology
 Quantitative Reasoning
 Spanish III
 Spanish IV
 Trigonometry
 US Government Honors
 US History Honors



Early College/Dual Credit



Graduation Pathway Requirements for Classes of 2021 and 2022: Six (6) Credits in a Career & Technical Education (CTE) Concentrator Pathway (number of credits in parenthesis after course name)

Pathway: Biomedical

Preparing for College & Careers (1)
 PLTW: Principles of Biomedical Science (2)
 PLTW: Human Body Systems (2)
 PLTW: Medical Interventions (2)
 PLTW: Biomedical Innovation (2)
 Health Science Ed II: Athletic Training (6)
 PCCC

Pathway: Comprehensive Health Science and/or Emerging Careers

Preparing for College & Careers (1)
 Medical Terminology (2)
 Anatomy & Physiology (2)
 Health Science Education I (6)

Pathway: Dental

Preparing for College & Careers (1)
 Dental Careers I (6) PCCC

Pathway: Nursing

Preparing for College & Careers (1)
 Human Development & Wellness (2)
 Medical Terminology (2)
 Anatomy & Physiology (2)
 PLTW: Principles of Biomedical Science (2)
 PLTW: Human Body Systems (2)
 PLTW: Medical Interventions (2)
 PLTW: Biomedical Innovation (2)
 Health Science Education I (6)

Pathway: Horticulture & Landscape

Preparing for College & Careers (1)
 Horticultural Science (6)
 Landscape Management I (6) PCCC



Career & Technical Education

Graduation Pathway Requirements for Classes of 2023 and 2024: Two (2) Advanced Career & Technical Education (CTE) courses in a prescribed pathway

Pathway: Horticulture & Landscape

Horticultural Science
 Landscape Management I PCCC

Pathway: Biomedical Tech

PLTW: Human Body Systems
 PLTW: Medical Interventions

Pathway: Health Career / Athletic Training

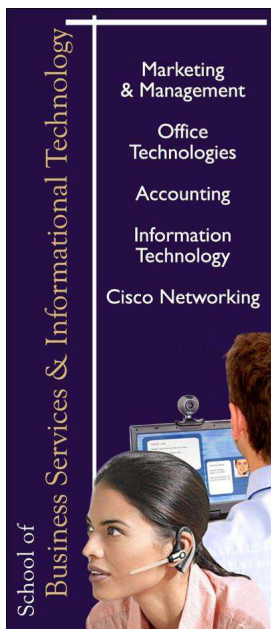
Health Science Education I
 Health Science Ed II: Athletic Training PCCC

Pathway: Nursing

Health Science Education I
 Health Science Education II: Nursing

HU = Hobart University
 PCCC = Porter County Career Center
 CTE Classes may also receive Early College credit

School of Business Services &



OCCUPATIONS

Accountant
Actuary
Advertising and Promotions Manager
Auditor
Bookkeeping, Accounting, & Auditing Clerk
Business Teacher
Cashier
Chief Executive
Compensation & Benefits Manager
Computer Network Support Specialist
Computer Programmer
Credit Analyst
Customer Service Representative
Database Administrator
Economist
Financial Analyst

Graphic Designer
Hotel, Motel, & Resort Desk Clerk
Human Resources Specialist
Insurance Adjuster, Examiner, & Investigator
Insurance Claims Clerk
Insurance Sales Agent
Interior Designer
Loan Officer
Market Research Analyst & Marketing Specialist
Meeting, Convention, & Event Planner
Multimedia Artist & Animator
Municipal Clerk
Network & Computer Systems Administrator
Payroll & Timekeeping Clerk
Postal Service Mail Carrier
Public Relations Specialist

Purchasing Manager
Real Estate Appraiser
Real Estate Broker
Sales Manager
Secretary & Administrative Assistant
Software Developer, Applications/Systems Software
Tax Preparer
Teller
Training and Development Manager
Travel Agent
Treasurer & Controller

ELECTIVES

Pathway Electives:

Administrative & Office Management
Business Law & Ethics
Computer Illustration & Graphics
Entrepreneurship & New Ventures
Graphic Design & Layout I
Graphic Design & Layout II
Introduction to Accounting
Marketing in Hospitality & Tourism
Merchandising
Personal Financial Responsibility
PLTW: Cybersecurity
Principles of Business Management
Principles of Marketing
Radio & TV I
Radio & TV II
Sports & Entertainment Marketing
Strategic Marketing (1/2 Day Work)
Computer Science I
Computer Science II
Computer Science III: Informatics
Information Tech Support
Information Tech Support Intern
Networking I
Web Design

Other electives that support this pathway:

Advanced Speech and Communication
Calculus Honors
Finite Math
Pre-Calculus Honors
Quantitative Reasoning
Trigonometry Honors
French I-V
German I-IV
Spanish I-V
JROTC
Psychology I Honors

Grade 9	Grade 10	Grade 11	Grade 12
English 9 or English 9 Honors	English 10 or English 10 Honors	English 11 or English 11 Honors	English 12 or English 12 Honors
Algebra I or Algebra I Honors	Geometry or Geometry Honors	Algebra II or Algebra II Honors	Government/Economics
Biology I or Biology I Honors	ICP or Chemistry	Core 40 Science	Quantitative Reasoning Course
Physical Education	World History or World History Honors	US History or US History Honors	<i>Elective</i>
Adult Roles/Health	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>

& Informational Technology

Graduation Pathway Requirements: 3 Early College Courses

Administrative & Office Management
Business Law & Ethics
Calculus Honors
Chemistry II Honors
Computer Illustration & Graphics
Computer Science I
Computer Science II
Computer Science III: Informatics
Economics Honors or Advanced
English 11 Honors
English 12 Honors
Entrepreneurship & New Ventures
Finite Mathematics
French III
French IV
German III
German IV
Graphic Design and Layout

Information Technology Support
Introduction to Accounting
Marketing in Hospitality & Tourism
Networking I: Infrastructure
Personal Finance
Pre-Calculus
Preparing for College & Careers
Principles of Business Management
Principles of Marketing
Psychology
Quantitative Reasoning
Spanish III
Spanish IV
Strategic Marketing
Trigonometry
US Government Honors
US History Honors



Early College/Dual Credit



Graduation Pathway Requirements for Classes of 2021 and 2022: Six (6) Credits in a Career & Technical Education (CTE) Concentrator Pathway (number of credits in parenthesis after course name)

Pathway: Marketing Mgt.—Hospitality & Tourism OR Sports & Entertainment Focus

Preparing for College & Careers (1)
Principles of Marketing (2)
Business Law & Ethics (2)
Strategic Marketing (4)
Marketing in Hospitality (2)
Sports & Entertainment Marketing (2)

Pathway: Entrepreneurship & Management

Preparing for College & Careers (1)
Intro to Accounting (2)
Principles of Marketing (2)
Principles of Business Mgt. (2)
Business Law & Ethics (2)
Sports & Entertainment Mktg. (2)
Administrative. & Office Mgt (2)
Entrepreneurship & New Ventures (2)

Pathway: Marketing Mgt.—Marketing Focus

Preparing for College & Careers (1)
Principles of Marketing (2)
Principles of Business Mgt. (2)
Merchandising (2)
Business Law & Ethics (2)
Strategic Marketing (4)

Pathway: Computer Science

Preparing for College & Careers (1)
Computer Science I (2)
Computer Science II (2)
Computer Science III: Informatics (2)

Pathway: Networking or IT Support

Preparing for College & Careers (1)
Computer Science I (6)
Information Technology Support I (2)
Networking I (2)



Career & Technical Education

Graduation Pathway Requirements for Classes of 2023 and 2024: Two (2) Advanced Career & Technical Education (CTE) courses in a prescribed pathway

Pathway: Entrepreneurship & Management

Entrepreneurship & New Ventures
AND one of the following
Principles of Business Management
Principles of Marketing

Pathway: Office Management

Principles of Business Management
Administrative. & Office Management

Pathway: Marketing Mgt.—Marketing Focus

Principles of Marketing
Strategic Marketing

Pathway: Computer Science / Programming

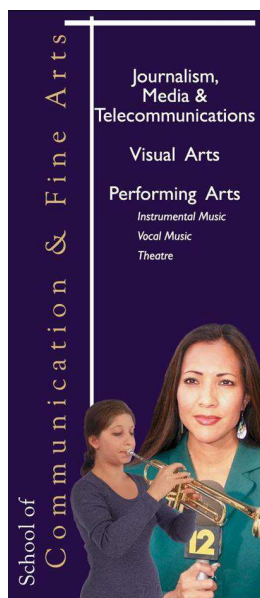
Computer Science I
AND one of the following
Computer Science II
Computer Science III: Informatics

Pathway: PC Support / IT Tech

Information Technology Support I
Networking I

HU = Hobart University
PCCC = Porter County Career Center
CTE Classes may also receive Early College credit

School of Communication & Fine Arts



OCCUPATIONS

A/V Technician
Actor
Agent/Business Manager
Animator
Archivist
Artist
Author
Camera Operator
Choreographer
Composer
Computer Programmer
Copy Marker

Copy Writer
Correspondent
Curator
Dancer
Data Entry Keyer
Designer
Director
Editor
Historian
Interior Designer
Locomotive Engineer
Manager

Motorboat Operator
Multimedia Artist
Music Director
Musician
News Analyst
Painter
Photographer
Print Binding Worker
Printing Press Operator
Producer
Program Director
Proofreader

Public Relations Specialist
Radio and TV Announcer
Radio Operator
Reporter
Set Designer
Singer
Sound Engineer Technician
Talent Director
Teacher: Art, Drama, Music
Technical Writer
Writer

ELECTIVES

Pathway Electives:
Introduction to 2-D Art
Introduction to 3-D Art
AP Studio Art (2-D or 3-D)
Drawing
Painting
Ceramics
Advanced 2-D Art Honors
Advanced 3-D Art Honors
Beginning Guitar
Intermediate Guitar
Music History Appreciation
Advanced Concert Band
Beginning Concert Band

Intermediate Chorus
Advanced Chorus
Advanced Orchestra
Theatre Arts
Technical Theatre
Advanced Acting
Theatre Arts: Directing
Radio & TV I
Radio & TV II
Interactive Media
Computer Illustration & Graphics
Graphic Design & Layout I
Graphic Design & Layout II

Advanced Speech & Communication
Student Pub: Yearbook

Other electives to support this pathway:

Calculus Honors
Finite Math
Pre-Calculus Honors
Quantitative Reasoning
Trigonometry Honors
French I-V
German I-IV

Spanish I-V
JROTC
Current Problems, Issues & Events
Psychology I Honors
Personal Financial Responsibility

Grade 9	Grade 10	Grade 11	Grade 12
English 9 or English 9 Honors	English 10 or English 10 Honors	English 11 or English 11 Honors	English 12 or English 12 Honors
Algebra I or Algebra I Honors	Geometry or Geometry Honors	Algebra II or Algebra II Honors	Government/Economics
Biology I or Biology I Honors	ICP or Chemistry	Core 40 Science	Quantitative Reasoning Course
Physical Education	World History or World History Honors	US History or US History Honors	<i>Elective</i>
Adult Roles/Health	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>

Graduation Pathway Requirements: 3 Early College Courses

Adv. Speech & Communication
AP Studio Art (2-D or 3-D)
Calculus Honors
Drawing
English 11 Honors
English 12 Honors
Finite Mathematics
French III

French IV
German III
German IV
Music History Appreciation
Pre-Calculus
Preparing for College & Careers
Psychology
Quantitative Reasoning

Radio & Television I
Radio & Television II
Spanish III
Spanish IV
Trigonometry
US Government Honors
US History Honors



Early College/Dual Credit

Graduation Pathway Requirements for Classes of 2021 and 2022:

Six (6) Credits in a Career & Technical Education (CTE) Concentrator Pathway
(number of credits in parenthesis after course name)

Pathway: Visual Communication

Preparing for College & Careers (1)
Computer Illustration & Graphics (6) *HU*
Interactive Media (6)
Web Design (2)
Graphic Imaging Technology (6) *HU*
Graphic Design & Layout (6) *HU*

Pathway: Radio/TV

Preparing for College & Careers (1)
Graphic Imaging Technology (6) *HU*
Radio and Television I (6) *HU*
Radio and Television II (6) *HU*

Graduation Pathway Requirements for Classes of 2023 and 2024:

Two (2) Advanced Career & Technical Education (CTE) courses in a prescribed pathway



Career & Technical Education

Pathway: Graphic Imaging

Graphic Imaging Technology *HU*
AND one of the following
Interactive Media
Graphic Design & Layout *HU*

Pathway: Radio/TV

Radio and Television I *HU*
Radio and Television II *HU*

Pathway: Interactive Media

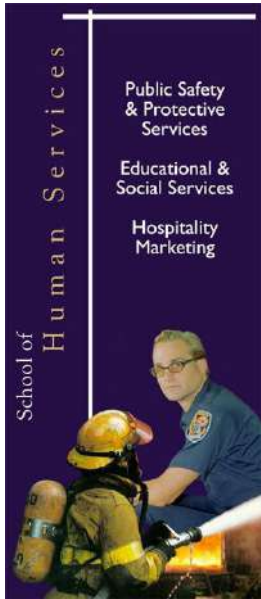
Interactive Media
Graphic Design & Layout *HU*

HU = Hobart University

PCCC = Porter County Career Center

CTE Classes may also receive Early College credit

School of Human Services



OCCUPATIONS

Arbitrators, Mediator, & Conciliator
 Bailiff
 Baker
 Barber
 Butcher and Meat Cutter
 Chef and Head Cook
 Child, Family, & School Social Worker
 Childcare Worker
 City & Regional Planning Aide
 Clergy
 Clinical, Counseling, & School Psychologist
 Correctional Officer & Jailer
 Correctional Treatment Specialist
 Counselor
 Court Reporter

Detective & Criminal Investigator
 Education Administrator
 Embalmer
 Emergency Management Director
 Fashion Designer
 Financial Examiner
 Firefighter
 Food Preparation Worker
 Food Service Manager
 Funeral Service Manager
 Gaming Manager
 Hairdresser & Cosmetologist
 Healthcare Social Worker
 Host & Hostess, Restaurant/Coffee Shop
 Interpreter & Translator
 Judge, Magistrate Judge, &

Magistrate
 Lawyer
 Legal Secretary
 Legislator
 Librarian
 Lodging Manager
 Makeup Artist, Theatrical & Performance
 Marriage & Family Therapist
 Meat, Poultry, & Fish Cutter/Trimmer
 Mental Health & Substance Abuse Social Worker
 Paralegal & Legal Assistant
 Police Detective
 Political Scientist
 Probation Officer
 School Counselor

Security Guard
 Sheriff & Deputy Sheriff
 Sociologist
 Surveying & Mapping Technician
 Tax Preparer
 Teacher Assistant
 Teacher, Elementary
 Teacher, Preschool
 Teacher, Secondary
 Teacher, Special Education
 Tour Guide
 Transit & Railroad Police
 Transportation Manager
 Travel Agent
 Urban & Regional Planner
 Waiter & Waitress

ELECTIVES

Pathway Electives:
 Early Childhood Education
 Education Professions I and II
 Emergency Medical Services
 Entrepreneurship & New Ventures
 Principles of Business Mgt.
 Criminal Justice I

Criminal Justice II
 Cadet Teaching (WBL)
 Conditioning & Training
 Strength/Cardio
 Lifeguarding
 Team Sports

Other electives to support this pathway:
 Advanced Speech & Communication
 Calculus Honors
 Finite Math
 Pre-Calculus Honors
 Quantitative Reasoning

Trigonometry Honors
 French I-V
 German I-IV
 Spanish I-V
 JROTC
 Psychology I Honors
 Personal Financial Responsibility

Grade 9	Grade 10	Grade 11	Grade 12
English 9 or English 9 Honors	English 10 or English 10 Honors	English 11 or English 11 Honors	English 12 or English 12 Honors
Algebra I or Algebra I Honors	Geometry or Geometry Honors	Algebra II or Algebra II Honors	Government/Economics
Biology I or Biology I Honors	ICP or Chemistry	Core 40 Science	Quantitative Reasoning Course
Physical Education	World History or World History Honors	US History or US History Honors	<i>Elective</i>
Adult Roles/Health	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>

Graduation Pathway Requirements: 3 Early College Courses

Calculus Honors
 Criminal Justice I
 Criminal Justice II
 Early Childhood Education I
 Early Childhood Education II
 Education Professions
 Emergency Medical Services
 English 11 Honors
 English 12 Honors

Entrepreneurship
 Finite Mathematics
 French III
 French IV
 German III
 German IV
 Pre-Calculus
 Preparing for College & Careers
 Principles of Business Management

Psychology
 Quantitative Reasoning
 Spanish III
 Spanish IV
 Trigonometry
 US Government Honors
 US History Honors



Early College/Dual Credit

Graduation Pathway Requirements for Classes of 2021 and 2022:

Six (6) Credits in a Career & Technical Education (CTE) Concentrator Pathway (number of credits in parenthesis after course name)

Pathway: Early Childhood

Preparing for College & Careers (1)
 Early Childhood Education I (6) *HU*
 Early Childhood Education II (6) *HU*

Pathway: Education Careers

Preparing for College & Careers (1)
 Education Professions I (6) *HU*
 Education Professions II (6) *HU*

Pathway: EMT/Paramedic

Preparing for College & Careers (1)
 Human Development & Wellness (2)
 Emergency Medical Services (6)
PCCC at HHS
 Fire & Rescue I (6) *PCCC*

Pathway: Culinary Arts

Preparing for College & Careers (1)
 Culinary Arts & Hospitality I (6) *PCCC*
 Culinary Arts & Hospitality II:
 Culinary Arts (6) *PCCC*

Pathway: Cosmetology

Preparing for College & Careers (1)
 Cosmetology I (6) *PCCC*
 Cosmetology II (6) *PCCC*

Pathway: Criminal Justice

Preparing for College & Careers (1)
 Criminal Justice I (6) *PCCC at HHS*
 Criminal Justice II Advanced (6)
PCCC at HHS

Graduation Pathway Requirements for Classes of 2023 and 2024:

Two (2) Advanced Career & Technical Education (CTE) courses in a prescribed pathway



Career & Technical Education

Pathway: Early Childhood

Early Childhood Education I *HU*
 Early Childhood Education II *HU*

Pathway: Education Careers

Education Professions I *HU*
 Education Professions II *HU*

Pathway: Cosmetology

Cosmetology I *PCCC*
 Cosmetology II *PCCC*

Pathway: Criminal Justice

Criminal Justice I *PCCC at HHS*
 Criminal Justice II Advanced
PCCC at HHS

Pathway: Culinary Arts

Preparing for College & Careers
 Culinary Arts & Hospitality I *PCCC*
 Culinary Arts & Hospitality II:
 Culinary Arts *PCCC*

Pathway: EMT/Paramedic

Emergency Medical Services *PCCC at HHS*
AND one of the following
 Fire & Rescue I *PCCC*
 Health Science Education I

HU = Hobart University
PCCC = Porter County Career Ctr
 CTE Classes may also receive Early College credit

INFORMATION REGARDING WEIGHTED COURSES: 2020-2021

Hobart High School offers classes at an advanced level in several disciplines. These courses are available to all students who have taken the recommended pre-requisites and meet the grade recommendations. Additionally, students may be recommended or advised on specific course placement, as it is not only important for students to be challenged, but also to be set up for success. In the event the student/parent does not find the recommendation to be appropriate, the student and/or parent may submit a Course Recommendation Override Form, which is located in the Guidance Office. An academic team consisting of administration, school counselor, and department head will meet with the student and parent to discuss final placement. Classes are listed below will receive one weighted point per credit and require outside preparation above that of the normal level of instruction. Additionally, students in 9th and 10th grade will be expected to follow the course guidelines and rules in regards to due dates. Students must sign a contract stating they will not drop the class when taking a course designated as Early College or Advanced Placement.

*Transfer grades are based on the HHS Honors curriculum. Weighted transfer credit is only given to comparable courses available at HHS.

The following courses at Hobart High School receive weighted credit:

AP Courses:

AP Chemistry
AP Biology
AP Studio Art (2-D or 3-D)
AP Macroeconomics
AP European History

Honors Courses:

English 9 Honors
English 10 Honors
English 11 Honors
English 12 Honors
Geometry Honors
Algebra II Honors
Pre-Calculus Honors

Trigonometry Honors

Calculus Honors
Biology I Honors
Chemistry I Honors
Physics Honors
Adv Science/CC/BIOL 105
Adv Science/CC/CHEM 105
Anatomy & Physiology Honors
Biology II Honors
Chemistry II Honors
World History Honors
US History Honors
US Government Honors
French III/IV/V Honors*
German III/IV/V Honors*

Spanish III/IV/V Honors*

Adv 2-D/3-D Art Honors (can only be taken for weighted credit once)

PLTW Courses:

Medical Interventions
Biomedical Innovations
Digital Electronics
Civil Engineering & Architecture
Engineering Design & Development
Computer Integrated Manufacturing
Robotics Design and Innovation
Aerospace Engineering

*Level III of a World Language will be weighted starting with the Class of 2023

INFORMATION ON QUALIFYING FOR EARLY COLLEGE COURSES: 2020-2021

Many of the courses offered at Hobart High School offer both high school credit and early college credit. On the following pages where course descriptions are listed, you will see information describing the college credit on eligible courses. In addition to passing the class, some courses require test scores (PSAT/SAT/Accuplacer) in order to be included on the Ivy Tech roster and to receive college credit for the course.

Those test score requirements are included on this page.

Reading Ready:

SAT: 25 on Reading Test Subscore
SAT: 460 on Evidence Based Reading/Writing
PSAT: 25 on Critical Reading Test Subscore
PSAT: 430 on Evidenced Based Reading/Writing

Writing Ready:

SAT: 27 on Writing Test Subscore
SAT: 460 on Evidence Based Reading/Writing
PSAT: 26 on Writing Skills Subscore
PSAT: 430 on Evidence Based Reading/Writing

Math Ready:

Standard 1: SAT: 500 on Math; PSAT: 24.5 on Math
Standard 2: SAT: 510 on Math or PSAT: 25 on Math
Standard 3: MATH I36 (Pre-Calc)
Standard 4: SAT: 550 on Math; PSAT: 27 on Math
Standard 5: MATH I36 AND MATH I37 (Pre-Calculus and Trigonometry)

Junior/Senior Waiver: This waiver is provided for juniors and seniors who have a cumulative GPA of 2.6 or higher. These students must be on a Core 40 track and have 4 or more semesters of high school completed.

Please note: If you take a class, but don't qualify for the college credit, you can still earn high school credit!

Course Descriptions

A Key to Understanding the Pathway Guide

R = Required Course

W = Weighted Course

D = Number of College Credits



Students can meet Bucket 2 of Grad Pathways by taking and passing this course.



Students can meet Bucket 3 of Grad Pathways by earning a certification through this course.



This course counts as a Quantitative Reasoning Course (students are required to take one each year of high school).



This course counts as a Fine Arts course for the Academic Honors Diploma.



Students can earn both high school credit and early college credit through Ivy Tech. You can find the test score requirements on page 26.



Students can earn both high school credit and early college credit through PNW.

Business Department

BUSINESS COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70181	Administrative & Office Mgmt			6				X	X			10	11	12
70176	Business Law and Ethics			6					X			10	11	12
70174	Computer Illustration & Graphics			3				X	X			10	11	12
70177	Entrepreneurship & New Ventures			3			X		X				11	12
70170	Graphic Design and Layout I			3				X	X			10	11	12
70172	Graphic Design and Layout II						X	X					11	12
70180	Introduction to Accounting			6				X	X			10	11	12
70171	Marketing in Hospitality & Tourism			3			X		X				11	12
70179	Merchandising											10	11	12
70190	Personal Financial Responsibility			3	X				X		9	10	11	12
70189	Principles of Business Mgmt			3				X	X		9	10	11	12
70175	Principles of Marketing			6					X		9	10	11	12
70027	Radio and TV I			3			X		X		9	10	11	12
70028	Radio and TV II						X					10	11	12
70173	Sports & Entertainment Marketing						X					10	11	12
70182/70183	Strategic Marketing (1/2 Day Work)			9					X					12
70185	Web Design			3					X					12

ADMINISTRATIVE AND OFFICE MANAGEMENT (70181)

Grades 10-12/2 semesters

HHS Course Prerequisites: Principles of Business Management

Administrative and Office Management prepares students to plan, organize, direct, and control the functions and processes of a firm or organization and to perform business-related functions. Students are provided opportunities to develop attitudes and apply skills and knowledge in the areas of business administration, management, and finance. Individual experiences will be based upon the student's

career and educational goals.

Hobart University

BUSN 105
BOAT 207

Principles of Management
Integrated MS Office Applications

3 credits
3 credits

Testing Pre-Requisites:

BUSN 105: Reading Ready & Writing Ready or Senior Waiver
BOAT 207: Reading Ready & Writing Ready; Math Standard 1

****No Guarantee of Transferability****

Certification Available: Microsoft Office Specialist Certification

BUSINESS LAW AND ETHICS (70176)

Grades 10-12/2 semesters

HHS Course Prerequisite: Principles of Business Management

Business Law and Ethics provides an overview of the legal system in the business setting. Topics covered include: basics of the judicial system, contract, personal, employment and property law. Application of legal principles and ethical decision-making techniques are presented through problem-solving methods, case review, and situational analyses.

Hobart University

BUSN 201	Business Law	3 credits
BUSN 120	Business Ethics & Social Responsibility	3 credits

Testing Pre-Requisites:

BUSN 201: Reading Ready & Writing Ready or Senior Waiver
BUSN 120: BUSN 101

****No Guarantee of Transferability****

COMPUTER ILLUSTRATION & GRAPHICS (70174)

Grades 10-12/2 semesters

Computer Illustration and Graphics introduces students to the computer's use in visual communication. The focus of the course is on basic computer terminology and use, mastering fundamental skills, and developing efficient working styles. These skills are then developed by creating work with imaging, drawing, interactive, and page layout software. The course includes organized learning experiences that incorporate a variety of visual art techniques as they relate to the design and execution of layouts and illustrations for advertising, displays, promotional materials, and instructional manuals. This course also covers advertising theory and preparation of copy, lettering, posters, vector illustrations, graphics and logos, and artwork in addition to incorporation of photographic images. Communication skills will be emphasized through the study of effective methods used to design products that impart information and ideas. Advanced instruction might include experiences in silk screening and air brush techniques as well as activities in designing product packaging and commercial displays or exhibits.

Hobart University

VISC 115	Introduction to Computer Graphics	3 credits
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Testing Pre-Requisites:

VISC 115: Reading Ready & Writing Ready or Senior Waiver

****No Guarantee of Transferability****

Certification Available: Adobe Certified Associate

ENTREPRENEURSHIP AND NEW VENTURES (70177)

Grades 11-12/2 semesters

HHS Course Prerequisites: a minimum of 4 credits of introductory or advanced career and technical education courses from the Business and Marketing career cluster: Principles of Business Management, Principles of Marketing, Introduction to Accounting, Business Law and Ethics

This course introduces entrepreneurship, and develops skills and tools critical for starting and succeeding in a new venture. The entrepreneurial process of opportunity recognition, innovation, value proposition, competitive advantage, venture concept, feasibility analysis, and "go to"

market strategies will be explored through mini-case studies of successful and unsuccessful entrepreneurial start-ups. Additionally, topics of government and legal restrictions, intellectual property, franchising location, basic business accounting, raising startup funding, sales and revenue forecasting, and business plan development will be presented through extensive use of word processing, spreadsheet and presentation software.

Hobart University

ENTR 101	The Entrepreneur and the Enterprise	3 credits
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Testing Pre-Requisites:

ENTR 101: Reading Ready & Writing Ready; Math Standard 1 or Senior Waiver

****No Guarantee of Transferability****

GRAPHIC DESIGN AND LAYOUT I (70170)

Grades 10-12/2 semesters

Graphic Design and Layout includes organized learning experiences that incorporate a variety of visual art techniques as they relate to the design and execution of layouts and illustrations for advertising, displays, promotional materials, and instructional manuals. Instruction also covers advertising theory and preparation of copy, lettering, posters, and artwork in addition to incorporation of photographic images. Communication skills will be emphasized through the study of effective methods used to design commercial products that impart information and ideas. Advanced instruction might also include experiences in various printing processes as well as activities in designing product packaging and commercial displays or exhibits.

Hobart University

VISC 102	Introduction to Computer Graphics	3 credits
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Testing Pre-Requisites:

VISC 102: Reading Ready & Writing Ready or Senior Waiver

****No Guarantee of Transferability****

Certification Available: Adobe Certified Associate

GRAPHIC DESIGN AND LAYOUT II (70172)

Grades 11-12/2 semesters

HHS Course Prerequisite: Graphic Design and Layout I

Students will explore and creatively demonstrate an understanding of specific design elements and principles and their impact on visual communication. Exploration will include creative thinking, brainstorming, peer review, and visualization. Students will use industry-standard tools such as Photoshop, Illustrator, and InDesign knowledge base gained in Graphic Design I and dive deeper to create design ready projects for inclusion in a portfolio that can qualify for an entry-level graphic design position.

Certification Available: Adobe Certified Associate

INTRODUCTION TO ACCOUNTING (70180)

Grades 10-12/2 semesters

Introduction to Accounting introduces the language of business using Generally Accepted Accounting Principles (GAAP) and procedures for proprietorships and partnerships using double-entry accounting. Emphasis is placed on accounting principles as they relate to both manual and automated financial systems. This course involves understanding, analyzing, and recording business transactions and preparing, analyzing, and interpreting

financial reports as a basis for decision-making. Solves accounting problems using software similar to what is currently used in business. Includes installation, operation, and analysis of an accounting software package or packages. Includes installation and operation of Quickbooks.

Hobart University

ACCT 101	Financial Accounting	3 credits
ACCT 122	Accounting System Applications	3 credits

Testing Pre-Requisites:

ACCT 101: Reading Ready & Writing Ready; Math Standard 1 or Senior Waiver

ACCT 122: ACCT 101

****ACCT 101: Core Transfer Library Course; ACCT 122: No Guarantee of Transferability****

Certification Available: QuickBooks Certification

MARKETING IN HOSPITALITY & TOURISM (70171)

Grades 11-12/2 semesters

HHS Course Prerequisite: Principles of Marketing

Marketing in Hospitality and Tourism is a specialized course that develops student understanding of marketing in the hospitality, travel, and tourism industry. Students gain experiences marketing-information management, pricing, product/service management, promotion, and selling in the hospitality, travel, and tourism industry. *Students are encouraged to join Business Professionals of America.*

Hobart University

BUSN 106	Customer Service	3 credits
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Testing Pre-Requisites:

BUSN 106: Reading Ready & Writing Ready or Senior Waiver

****No Guarantee of Transferability****

MERCHANDISING (70179)

Grades 10-12/2 semesters

HHS Course Prerequisite: Principles of Marketing

Merchandising is a specialized marketing course providing instruction of marketing practices that support the sale of products to retail consumers. Emphasis is placed on oral and written communications, problem solving and critical thinking skills as they relate to product design, selling, pricing, distribution, retail promotion, visual merchandising, retail cycles, retail theories, and career opportunities in the retail industry. This course can focus on a specific retail sector, such as fashion, sporting good, or electronics.

PERSONAL FINANCIAL RESPONSIBILITY (70190)

Grades 9-12/1 semester

Personal Financial Responsibility addresses the identification and management of personal financial resources to meet the financial needs and wants of individuals and families, considering a broad range of economic, social, cultural, technological, environmental, and maintenance factors. This course helps students build skills in financial responsibility and decision making; analyze personal standards, needs, wants, and goals; identify sources of income, saving and investing; understand banking, budgeting, record-keeping and managing risk, insurance and credit card debt. A project based approach and applications through authentic settings such as work based observations and service learning experiences are appropriate. Direct, concrete applications of mathematics proficiencies in projects are encouraged.

Hobart University

BUSN 108	Personal Finance	3 credits
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Testing Pre-Requisites:

BUSN 108: Reading Ready & Writing Ready; Math Standard 1 or Senior Waiver

****Core Transfer Library Course****

PRINCIPLES OF BUSINESS MANAGEMENT (70189)

Grades 9-12/2 semesters

Principles of Business Management focuses on the roles and responsibilities of managers as well as opportunities and challenges of ethically managing a business in the free-enterprise system. Students will attain an understanding of management, team building, leadership, problem-solving steps and processes that contribute to the achievement of organizational goals. The management of human and financial resources is emphasized.

Hobart University

BUSN 101	Introduction to Business	3 credits
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Testing Pre-Requisites:

BUSN 101: Reading Ready & Writing Ready or Senior Waiver

****Core Transfer Library Course****

Certification Available: Microsoft Office Specialist Certification

PRINCIPLES OF MARKETING (70175)

Grades 9-12/2 semesters

Principles of Marketing provides a basic introduction to the scope and importance of marketing in the global economy. Emphasis is placed on oral and written communications, mathematical applications, problem-solving, and critical thinking skills as they relate to advertising/promotion/selling, distribution, financing, marketing-information management, pricing, and product/service management. *Students are encouraged to join Business Professionals of America.*

Hobart University

MKTG 101	Principles of Marketing	3 credits
MKTG 102	Principles of Selling	3 credits

Testing Pre-Requisites:

MKTG 101: Reading Ready & Writing Ready; Math Standard 1 or Senior Waiver

MKTG 102: Reading Ready & Writing Ready or Senior Waiver

****No Guarantee of Transferability****

RADIO AND TELEVISION I (70027)

Grades 9-12/2 semesters

Radio and Television I focuses on communication, media and production. Emphasis is placed on career opportunities, production, programming, promotion, sales, performance, and equipment operation. Students will also study the history of communication systems as well as communication ethics and law. Students will develop oral and written communication skills, acquire software and equipment operation abilities, and integrate teamwork skills. Instructional strategies may include a hands-on school-based enterprise, real and/or simulated occupational experiences, job shadowing, field trips, and internships.

Hobart University

VISC 105	Video and Sound	3 credits
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Testing Pre-Requisites:

VISC 105: Reading Ready & Writing Ready or Senior Waiver

****No Guarantee of Transferability****

RADIO AND TELEVISION II (70028)

Grades 10-12/2 semesters

HHS Course Prerequisite: Radio and TV I

Radio and Television II prepares students for admission to television production programs at institutions of higher learning. Students train on professional equipment creating a variety of video projects. During this second-year program students integrate and build on first-year curriculum while mastering advanced concepts in production, lighting and audio.

SPORTS AND ENTERTAINMENT MARKETING (70173)

Grades 10-12/2 semesters

HHS Course Prerequisite: Principles of Marketing

Sports and Entertainment Marketing is a specialized marketing course that develops student understanding of the sport/event industries, their economic impact, and products; distribution systems and strategies; pricing considerations; product/service management, and promotion. Students acquire an understanding and appreciation for planning. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills.

STRATEGIC MARKETING (70182 AND 70183)

Grade 12/2 semesters

Strategic Marketing builds upon the foundations of marketing and applies the functions of marketing at an advanced level. Students will study the basic principles of consumer behavior and examine the application of theories from psychology, social psychology and economics. The relationship between

consumer behavior and marketing activities will be reviewed. This course provides opportunities for students to gain skills and knowledge through on-the-job training and related classroom instruction. Time allocations are a minimum of 15 hours per week of work-based learning and approximately five hours per week of school-based instruction. Students participating in these structured experiences will follow class, school, state and Federal guidelines. Students will be paid in accordance with all State and Federal laws pertaining to employment.

Hobart University

MKTG 101	Principles of Marketing	3 credits
MKTG 102	Principles of Selling	3 credits
MKTG 230	Consumer Behavior	3 credits

Testing Pre-Requisites:

MKTG 101: Reading Ready & Writing Ready; Math Standard 1 or Senior Waiver

MKTG 102: Reading Ready & Writing Ready or Senior Waiver

MKTG 230: MKTG 101

****No Guarantee of Transferability****






WEB DESIGN (70185)

Grade 12/2 semesters

HHS Course Prerequisite: Adv Graphic Design & Layout

Web Design is a course that provides instruction in the principles of web design using HTML/XHTML and current/emerging software programs. Areas of instruction include audience analysis, hierarchy layout and design techniques, software integration, and publishing. Instructional strategies should include peer teaching, collaborative instruction, project-based learning activities, and school community projects.

Engineering/Tech Department

ENGINEERING/TECHNOLOGY COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70501	Mechanical Drafting & Design I			3				X	X		9	10	11	12
70510	Mechanical Drafting & Design II			3					X			10	11	12
70492	PLTW Intro to Engineering Design			3				X	X		9	10	11	12
70494	PLTW Principles of Engineering			3					X			10	11	12
70497	PLTW Civil Engineering & Arch		W	3			X	X	X				11	12
70498	PLTW Computer Integrated Manufacturing		W	3			X		X				11	12
70493	PLTW Digital Electronics		W	3			X		X				11	12
70502	PLTW Aerospace Engineering		W										11	12
70496	PLTW Engineering Design/Dev		W				X							12
70495	Robotics Design and Innovation		W				X						11	12

MECHANICAL DRAFTING & DESIGN I (70501)

Grades 9-12/2 semesters

Mechanical Drafting and Design I provides students with a basic understanding of the detailing skills commonly used by drafting technicians. Areas of study include: lettering, sketching, proper use of equipment, geometric constructions with emphasis on orthographic (multi-view) drawings that are dimensioned and noted to ANSI standards. This course also provides a basic understanding of the features and considerations associated with the operation of a computer-aided design (CAD) system. Students will gain hands-on experience with Auto CAD. They will be expected to complete

several projects relating to command topics. Topics include: 2D drawing commands, coordinate systems, editing commands, paper and model space, inquiry commands, layers, plotting, text, and basic dimensioning. ****Students will take a certification test to become industry certified in the software.**

Hobart University

DESN 113	2D Computer-Aided Design	3 credits
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Testing Pre-Requisites:

DESN 113: Reading Ready; Math Standard 1

****No Guarantee of Transferability****

Certification Available: Autodesk Inventor

MECHANICAL DRAFTING & DESIGN II (70510)

Grades 10-12/2 semesters

HHS Course Prerequisites: Mechanical Drafting I

Mechanical Drafting and Design II covers working drawings both in detailing and assembly. Topics include: fastening devices, thread symbols and nomenclature, surface texture symbols, classes of fits, and the use of parts lists, title blocks and revision blocks. This course will also focus on advanced CAD features, including fundamentals of three-dimensional modeling for design. An overview of modeling, graphical manipulation, part structuring, coordinate system, and developing strategies of modeling will also be included. Advanced CAD will enable the student to make the transition from 2D drafting to 3D modeling. Students will draw and calculate three-dimensional problems. Theory and methods include graphic developments and the relationships between points, lines and planes, curved lines and surfaces, intersections, and development. Computer software and hardware experiences, as they relate to drafting and design, will be covered.

Hobart University

DESN 104 Mechanical Graphics 3 credits

Testing Pre-Requisites:
DESN 104: DESN 101

****No Guarantee of Transferability****

Project Lead the Way Courses

This is a four-year sequence of courses which, when combined with traditional mathematics & science courses in high school, introduces students to the scope, rigor & discipline of engineering prior to entering college.

PLTW INTRO TO ENGINEERING DESIGN (70492)

Grades 9-12/2 semesters

Provides students with opportunities to apply creative thinking, decision-making & problem solving skills to develop solutions to design problems. It utilizes powerful computer hardware & software to develop 3-D models or solid renderings of objects. Students will learn the product design process & how a model of that product is created, analyzed, rendered & produced. Various applications of the product design process will be discussed along with possible career opportunities.

Hobart University

DESN 101 Introduction to Design 3 credits

Testing Pre-Requisites:
DESN 101: None

****No Guarantee of Transferability****

Certification Available: Autodesk Inventor

PLTW PRINCIPLES OF ENGINEERING (70494)

Grades 10-12/2 semesters

HHS Course Prerequisite: IED

This course counts as the third Core Science course required for graduation.

Pre-requisite: Algebra I

Co-requisite: Must be enrolled in Geometry or higher-level mathematics class and Instructor approval. A course that helps students understand the field of engineering/engineering technology. Exploring various technology systems & manufacturing processes help students learn how engineers & technicians use math, science & technology in an engineering problem solving process to benefit people. The course also includes concerns about social & political consequences of

technological change.

Hobart University

DESN 104 Mechanical Graphics 3 credits

Testing Pre-Requisites:
DESN 104: DESN 101

****No Guarantee of Transferability****

PLTW CIVIL ENGINEERING & ARCHITECTURE (70497)

Grades 11-12/2 semesters

HHS Course Prerequisites: IED and POE

Civil Engineering and Architecture introduces students to the fundamental design and development aspects of civil engineering and architectural planning activities. Application and design principles will be used in conjunction with mathematical and scientific knowledge. Computer software programs should allow students opportunities to design, simulate, and evaluate the construction of buildings and communities. During the planning and design phases, instructional emphasis should be placed on related transportation, water resource, and environmental issues. Activities should include the preparation of cost estimates as well as a review of regulatory procedures that would affect the project design.

Hobart University

DESN 105 Architectural Design 3 credits

Testing Pre-Requisites:
DESN 105: DESN 101

****No Guarantee of Transferability****

Certification Available: Autodesk Revit

PLTW COMPUTER INTEGRATED MANUFACTURING (70498)

Grades 11-12/2 semesters

HHS Course Prerequisites: IED and POE

Computer Integrated Manufacturing is a course that applies principles of rapid prototyping, robotics, and automation. This course builds upon the computer solid modeling skills developed in Introduction of Engineering Design. Students will use computer controlled rapid prototyping and CNC equipment to solve problems by constructing actual models of their three-dimensional designs. Students will also be introduced to the fundamentals of robotics and how this equipment is used in an automated manufacturing environment. Students will evaluate their design solutions using various techniques of analysis and make appropriate modifications before producing their prototypes.

Hobart University

DESN 195 Automation & Robotics in Manufacturing 3 credits

Testing Pre-Requisites:
DESN 195: None

****No Guarantee of Transferability****

PLTW DIGITAL ELECTRONICS (70493)

Grades 11-12/2 semesters

HHS Course Prerequisite: IED and POE

Pre-requisite: Geometry (C or better)

Co-requisite: Algebra II or higher-level mathematics class
Digital Electronics is a course of study in applied digital logic. Students will be introduced to digital circuits found in video games, watches, calculators, digital cameras, & thousands of other devices. Students will study the application of digital

logic & how digital devices are used to control automated equipment. The use of digital circuitry is present in virtually all aspects of our lives & its use is increasing rapidly. This course is similar to a first semester college course & is an important course of study for a student exploring a career in engineering or engineering technology.

Hobart University

EECT 112

Digital Fundamentals

3 credits

Testing Pre-Requisites:

EECT 112: Math Standard 1 or Senior Waiver

****No Guarantee of Transferability****

PLTW AEROSPACE ENGINEERING (70502)

Grades 11-12/2 semesters

HHS Course Prerequisites: IED and POE

This course counts as the third Core Science course required for graduation.

Aerospace Engineering should provide students with the fundamental knowledge and experience to apply mathematical, scientific, and engineering principles to the design, development, and evolution of aircraft, space vehicles and their operating systems. Emphasis should include investigation and research on flight characteristics, analysis of aerodynamic design, and impact of this technology on the environment. Classroom instruction should provide creative thinking and problem-solving activities using software that allows students to design, test, and evaluate a variety of air and space vehicles, their systems, and launching, guidance and control procedures. Schools may use the PLTW

curriculum to meet the standards for this course. Schools using the curriculum and are part of the Project Lead the Way network must follow all training and data collection requirements.

PLTW ENGINEERING DESIGN/DEVELOPMENT (70496)

Grade 12/2 semesters

HHS Course Prerequisite: IED, POE and one of the following: DE, CEA, or CIM






An engineering research course in which students work in teams to research, design & construct a solution to an open-ended engineering problem. Students apply principles developed in the four preceding courses & are guided by a community mentor. They must present progress reports, submit a final written report & defend their solutions to a panel of outside reviewers at the end of the school year.

ROBOTICS DESIGN AND INNOVATION (70495)

Grades 11-12/2 semesters

Robotics Design and Innovation allows students to design, program, and test innovative technological designs related to robotic systems. Topics involve mechanics, pneumatics, control technologies, computer fundamentals, and programmable control technologies. Students design, build, and optimize robots to perform a variety of predesignated tasks. Individuals or small teams may choose to participate in organized robotic competitions or develop their own events during the course. Through this course, students will investigate exciting career and collegiate programs of study.

English/Language Arts Department

ENGLISH/LANGUAGE ARTS COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70025	Advanced Speech			3					X		9	10	11	12
81001	English 9	R									9			
70029	English 9 Honors		W								9			
70005	English 10	R										10		
70030	English 10 Honors		W									10		
70009	English 11	R											11	
70010	English 11 Honors		W	6					X				11	
70016	English 12	R												12
700151/700152	English 12 Honors		W	6					X					12
70017	English 12 Hrs: Creative Writing		W	3					X					12
70019	English 12 Hrs: Literature		W	3					X					12
70021	Student Publications: Yearbook					X						10	11	12

GUIDELINES:

For Honors English courses, students will be reviewed based on the following criteria:

1. ISTEP, PSAT, and Lexile scores
2. Grade in previous English classes
3. Teachers will meet to discuss course selections and will have input into course placement

ADV SPEECH AND COMMUNICATION (70025)

Grades 9-12/1 semester

Incoming 9th grade students are only eligible to take the course if they qualify for college credit.

Advanced Speech and Communication continues with the skills learned in Speech. Major emphasis is given to the producing of formal speeches. The course focuses on leadership development, listening skills, research methods, and oral debate. Oral interpretation and parliamentary procedure are covered if time permits. Students are given opportunities to express the subject matter knowledge and content through various writing experiences as well as reading a variety of literary genre related to course content and speaking experiences. Special attention is given to the creating of a complete outline and support, using two or more sources, as well as individual presentation skills. Students

concentrate on producing speeches that: (1) inform; (2) motivate; (3) entertain; and (4) persuade through the use of impromptu, extemporaneous, memorized, and manuscript delivery. Students develop skills in: (1) listening, (2) oral interpretation, (3) parliamentary procedures, (4) research methods, and (5) oral debate.

Hobart University

COMM 101 Fundamentals of Public Speaking 3 credits

Testing Pre-Requisites:

COMM 101: Reading Ready & Writing Ready or Senior Waiver

****Core Transfer Library Course****

ENGLISH 9 (81001)

Grade 9/2 semesters

English 9, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 9 and the Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication with a focus on exploring a wide-variety of genres and their elements. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 9 in classic and contemporary literature balanced with nonfiction. Students write short stories, responses to literature, expository and persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information.

ENGLISH 9 HONORS (70029)

Grade 9/2 semesters

While this course has the same description as English 9, it moves at a faster pace and has a higher level of assessment than English 9. The materials and the nature of individual assignments may differ from English 9 to accommodate these higher expectations. Additional texts will be read and students will receive supplemental work to prepare for English 10 Honors and English 11 Honors.

ENGLISH 10 (70005)

Grade 10/2 semesters

English 10, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 10 and the Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication with a focus on exploring universal themes across a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 10 in classic and contemporary literature balanced with nonfiction. Students write short stories, responses to literature, expository and persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information.

ENGLISH 10 HONORS (70030)

Grade 10/2 semesters

While this course has the same description as English 10, it moves at a faster pace and has a higher level of assessment than English 10. The materials and the nature of individual

assignments may differ from English 10 to accommodate these higher expectations. Additional texts will be read and students will receive supplemental work to prepare for English 11 Honors and English 12 Honors.

ENGLISH 11 (70009)

Grade 11/2 semesters

English 11, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 11 and the Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication with a focus on exploring characterization across universal themes and a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 11 in classic and contemporary literature balanced with nonfiction. Students write fictional narratives, short stories, responses to literature, reflective compositions, historical investigation reports, resumes, and technical documents incorporating visual information in the form of pictures, graphs, and tables. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information.

ENGLISH 11 HONORS (70010)

Grade 11/2 semesters

While this course has the same description as English 11, it moves at a faster pace and has a higher level of assessment than English 11. The materials and the nature of individual assignments may differ from English 11 to accommodate these higher expectations. Additional texts will be read and students will receive supplemental work to prepare for English 12 Honors and the rigor of college.

Hobart University

ENGL 111	English Composition	3 credits
ENGL 215	Rhetoric and Argument	3 credits

Testing Pre-Requisites:

ENGL 111: Reading Ready & Writing Ready

ENGL 215: Grade of "C" or higher in ENGL 111

****Core Transfer Library Courses****

ENGLISH 12 (70016)

Grade 12/2 semesters

Composition is a study and application of the rhetorical writing strategies of narration, description, exposition, and persuasion. Using the writing process, students demonstrate a command of vocabulary, English language conventions, research and organizational skills, an awareness of the audience, the purpose for writing, and style. Students read classic and contemporary literature or articles and use appropriate works as models for writing. Students write a variety of types of compositions with a focus on fictional narratives, reflective compositions, academic essays, and responses to literature. Novels is a study of the distinct features of the novel, such as narrative and fictional elements of setting, conflict, climax, and resolution, and may be organized by historical periods, themes, or authors. Students examine novels of a given period, such as Victorian, the Modern Period, or Contemporary Literature, and what distinguishes novels from short stories, epics, romances, biographies, science fiction, and others. Students analyze

novels by various important authors from the past and present or sets of novels from a specific era or across several eras.

ENGLISH 12 HONORS (700151/700152)

Grade 12/2 semesters

Composition is a study and application of the rhetorical writing strategies of narration, description, exposition, and persuasion. Using the writing process, students demonstrate a command of vocabulary, English language conventions, research and organizational skills, an awareness of the audience, the purpose for writing, and style. Students read classic and contemporary literature or articles and use appropriate works as models for writing. Students write a variety of types of compositions with a focus on fictional narratives, reflective compositions, academic essays, and responses to literature. English 12 Honors is a study and application of the rhetorical writing strategies of exposition and persuasion. Students write expository critiques of nonfiction selections, literary criticism of fiction selections, persuasive compositions, and research reports.

Hobart University

ENGL 111	English Composition	3 credits
ENGL 215	Rhetoric and Argument	3 credits

Testing Pre-Requisites:

ENGL 111: Reading Ready & Writing Ready or Senior Waiver

ENGL 215: Grade of "C" or higher in ENGL 111

****Core Transfer Library Courses****

ENGLISH 12 HONORS: CREATIVE WRITING (70017)

Grade 12/1 semester

HHS COURSE PREREQUISITE: ENGLISH 11 HONORS

This course introduces students to opportunities for self-expression in one or more literary genres - fiction, poetry,

drama, and the creative essay.

Hobart University

ENGL 202	Creative Writing	3 credits
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Testing Pre-Requisites:

ENGL 202: ENGL 111

****Core Transfer Library Course****

ENGLISH 12 HONORS: LITERATURE (70019)

Grade 12/1 semester

HHS COURSE PREREQUISITE: ENGLISH 11 HONORS

Development of basic strategies for critically reading and interpreting poetry, fiction, and drama; introduction to the premises and motives of literary analysis and critical methods associated with various literary concerns through class discussion and focused writing assignments.

Hobart University

ENGL 206	Introduction to Literature	3 credits
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Testing Pre-Requisites:

ENGL 206: ENGL 111






****Core Transfer Library Course****

STUDENT MEDIA: YEARBOOK (70021)

Grades 10-12/2 semesters

Yearbook is a laboratory class that publishes the school yearbook. Students will apply desktop publishing skills, writing, editing, design, leadership skills, ethics, photojournalism, teamwork and communication skills while putting together an accurate actual product. Creativity, writing ability and strong independent work ethic are a must when taking this course. This course can be taken for more than one school year for elective credit.

Fine Arts Department

FINE ARTS COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70204	Adv 2-Dimensional Art Honors		W			X						10	11	12
70208	Adv 3-Dimensional Art Honors		W			X						10	11	12
70035	Advanced Acting					X						10	11	12
70165	Advanced Chorus					X					9	10	11	12
70164	Advanced Concert Band					X					9	10	11	12
70118	Advanced Orchestra					X					9	10	11	12
70203	AP Studio Art (2-D or 3-D)		W			X							11	12
70205	Art Lab (Study Hall)											10	11	12
70162	Beginning Chorus					X					9	10	11	12
70163	Beginning Concert Band					X					9	10	11	12
70160	Beginning Guitar					X						10	11	12
70122	Ceramics					X							11	12
70036	Directing					X							11	12
70121	Drawing			3		X				X			11	12
70161	Intermediate Guitar					X						10	11	12
70117	Intermediate Orchestra					X								
70123	Intro to 2-Dimensional Art					X					9	10		
70124	Intro to 3-Dimensional Art					X					9	10		
70167	Music History Appreciation			3		X				X	9	10	11	12
70126	Painting					X							11	12
70034	Technical Theatre					X						10	11	12
70026	Theatre Arts					X					9	10	11	12

Art Courses

The Art Department is comprised of several courses open to students of all abilities. Some courses, however, require previous art experience. Students with little to no experience in Art should start by taking either **Introduction to 2-Dimensional or 3-Dimensional Art**. Please note that students will need to have their own art supplies for several of the courses. For all advanced Art courses, it is recommended that the student speaks to the teacher to discuss interest prior to signing up for the course.

ADVANCED 2-DIMENSIONAL ART HONORS (70204) Grades 10-12/1-2 semesters

A grade of "B" or higher in previous high school art classes is recommended. This class may be taken multiple terms and/or years; however, weighted points will only be given the first time the course is taken.

Advanced Two-Dimensional Art is a course based on the Indiana Academic Standards for Visual Art. Students in this course build on the sequential learning experiences of Introduction to Two-Dimensional Art that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students explore historical and cultural background and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; create two-dimensional works of art, reflect upon the outcomes, and revise their work; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. They identify ways to utilize and support art museums, galleries, studios,

and community resources.

ADVANCED 3-DIMENSIONAL ART HONORS (70208) Grades 10-12/1-2 semesters

A grade of "B" or higher in previous high school art classes is recommended. This class may be taken multiple terms and/or years; however, weighted points will only be given the first time the course is taken.

Advanced Three-Dimensional Art is a course based on the Indiana Academic Standards for Visual Art. Students in this course build on the sequential learning experiences of Introduction to Three-Dimensional Art that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students explore historical and cultural background and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; create three-dimensional works of art, reflect upon the outcomes, and revise their work; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. They identify ways to utilize and support art museums, galleries, studios, and community resources.

INTRODUCTION TO 2-DIMENSIONAL ART (70123) Grades 9-10/1 semester

Introduction to Two-Dimensional Art is a course based on the Indiana Academic Standards for Visual Art. Students taking this course engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production, and integrated studies and lead to the creation of portfolio quality works. Students explore historical and cultural background and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art;

create two-dimensional works of art, reflect upon the outcomes, and revise their work; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. They identify ways to utilize and support art museums, galleries, studios, and community resources.

INTRODUCTION TO 3-DIMENSIONAL ART (70124)

Grades 9-10/1 semester

Introduction to Three Dimensional Art is strongly recommended to be taken in conjunction with Introduction to Two Dimensional Art. This is a course based on the Indiana Academic Standards for Visual Art. Students taking this course engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production, and integrated studies and lead to the creation of portfolio quality works. Students explore historical and cultural background and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; create three-dimensional works of art, reflect upon the outcomes, and revise their work; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. They identify ways to utilize and support art museums, galleries, studios, and community resources.

AP STUDIO ART (2-D or 3-D) (70203)

Grades 11-12/2 semesters

Portfolio (of approx. 10 pieces) should be submitted to Art teacher for acceptance into this class, before class scheduling.

Students interested in the AP Studio Art class are highly encouraged to take the Intro, Painting and Drawing classes if working in 2D, and Ceramics classes if interested in the 3D side of the class. Both 2 & 3 D students will be in the same class period. This class is intended to have students address the Elements and Principles of Art in their works. There will be class assignments, independent works, purposeful decision making, organization, time management, and self-motivation. These students are expected to demonstrate proficiency in 2D or 3D works, creating a high quality, 3 part portfolio for submission to the College Board Exam, before the spring exam date. Any works that make use of other artist's works, including photographs, and/or published images must show significant change beyond duplication. As this is an AP class it will be a faster pace than other art classes with students held to a higher standard of work ethic. *This class is only offered on odd school years (2020-2021).*

DRAWING (70121)

Grades 11-12/1 semester

This is NOT an introductory class. Students should have knowledge of art and art methods. Introduction to Two/Three Dimensional Art classes are strongly recommended for this class. Drawing is a course based on the Indiana Academic Standards for Visual Art. Students in drawing engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students create drawings utilizing processes such as sketching, rendering, contour, gesture, and perspective drawing and use a variety of media such as pencil, chalk, pastels, charcoal, and pen and ink. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make

informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers. *This class is only offered on even school years (2021-2022).*

PAINTING (70126)

Grades 11-12/1 semester

This is NOT an introductory class. Students should have knowledge of art and art methods. Introduction to Two/Three Dimensional Art classes are strongly recommended for this class. Painting is a course based on the Indiana Academic Standards for Visual Art. Students taking painting engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works. Students create abstract and realistic paintings, using a variety of materials such as mixed media, watercolor, oil, and acrylics as well as techniques such as stippling, gouache, wash, and impasto. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers. *This class is only offered on even school years (2021-2022).*

CERAMICS I (70122)

Grades 11-12/2 semesters

Ceramics is a course based on the Indiana Academic Standards for Visual Art. Students in ceramics engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students create works of art in clay utilizing the processes of hand building, molds, wheel throwing, slip and glaze techniques, and the firing processes. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

ART LAB (70205)

Grades 10-12/1-2 semesters

Student must be concurrently enrolled in Advanced 2-D or 3-D Art OR in the AP Art course.

This is a study hall used for the purpose of completing art projects. No credit will be given for taking Art Lab. Students cannot also take a study hall or student assistant period. Only one Art Lab can be taken each semester.

Music Courses

Marching Band, Basketball Band, Jazz Band, Pit Orchestra and ISSMA Solo & Ensemble are co-curricular activities and are an extension of the concert band curriculum. Enrollment in a concert band class (intermediate or advanced) is required to participate in these activities with the following exceptions. 1. Jazz

Band may need the following instruments that are not common in the concert band class: bass guitar, guitar, piano, or drum set. 2. Marching Band may need flags, piano, bass guitar, or guitar which are not in the common instrumentation in the concert band class. 3. Pit Orchestra may need bass guitar, guitar, piano, drum set or strings that are not in the common instrumentation of the concert band class.

BEGINNING GUITAR (70160)

Grades 10-12/1 semester

Introduction to acoustic and classical guitar techniques employed in contemporary guitar finger style and choral structured music playing, including basic music theory and note reading. No previous experience required. Acoustic guitars are provided. There is an additional fee for this course.

INTERMEDIATE GUITAR (70161)

Grades 10-12/1 semester

Prerequisites: Intro to Guitar or audition
Student fee is \$25 and includes the cost of workbook and strings. Expanding on acoustic and classical guitar techniques employed in contemporary guitar playing with emphasis on finger style playing, note reading, and guitar music theory.

MUSIC HISTORY AND APPRECIATION (70167)

Grades 9-12/1 semester

Students taking this course receive instruction designed to explore music and major musical style periods through understanding music in relation to both Western and Non-Western history and culture. Activities include but are not limited to: (1) listening to, analyzing, and describing music; (2) evaluating music and music performances; and (3) understanding relationships between music and the other arts, as well as disciplines outside of the arts.

BEGINNING CONCERT BAND (70163)

Grades 9-12/2 semesters

Pre-requisite: Audition and Band Director Recommendation. Auditions may be waived for students completing two to three consecutive years of Hobart Middle School Band. Requisite: Band is a year round course, students must be enrolled in both fall and spring semesters. Band is a co-curricular class with required rehearsals and performances that are outside of the school day. This group will serve as the secondary concert band at HHS. This group studies music that is at the level of the ensemble or the Indiana Group III + II lists of music. This group will be expected to perform with expression and technical accuracy, a large and varied repertoire of wind band literature that is developmentally appropriate. Some evening rehearsals may be added as concerts or contests approach. There may be sectionals added during the week if needed. This group will perform 4-8 times in the semester. The band director has the authority to assign students to instruments. It is preferred that the student should continue the instrument that they have the most experience with. Students may be asked to switch instruments if a change may help the instrumentation of the band. Enrolled students may volunteer and/or audition for Marching Band, Jazz Band, Pit Orchestra and ISSMA Solo & Ensemble.

ADVANCED CONCERT BAND (70164)

Grades 9-12/2 semesters

Pre-requisite: Audition and Band Director recommendation. Private Lessons are strongly encouraged.

Requisite: Band is a year round course, students must be enrolled in both fall and spring semesters.

Band is a co-curricular class with required rehearsals and performances that are outside of the school day. This group will serve as the top concert band at HHS. This group studies the highest concert band literature available. This group will be limited to approximately 35-50 members. Mastery of advanced wind band technique must be evident. This group studies music that is at the level of the Indiana Group I list of music. Some evening rehearsals may be added as concerts or contests approach. There may be sectionals added during the week if needed. This group will perform 4-8 times in the semester. The band director has the authority to assign students to instruments. It is preferred that the student should continue the instrument that they have the most experience with. Students may be asked to switch instruments if a change may help the instrumentation of the band. Enrolled students may volunteer and/or audition for Marching Band, Jazz Band, Pit Orchestra and ISSMA Solo & Ensemble.

INTERMEDIATE CHORUS (70162)

Grades 9-12/1-2 semesters

Teacher Recommendation Following audition and/or interview with Director; *AFTER SCHOOL PRACTICE & PERFORMANCES REQUIRED!

Beginning Chorus provides students with opportunities to develop musicianship and specific performance skills through ensemble and solo singing. The chorus may be composed of: (1) male chorus, (2) female chorus, (3) mixed chorus, or any combination thereof. Activities create the development of quality repertoire in the diverse styles of choral literature which is appropriate in difficulty and range for the students. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Chorus classes provide instruction in creating, performing, conducting, listening to, and analyzing, in addition to focusing on the specific subject matter. Students develop the ability to understand and convey the composer's intent in order to connect the performer with the audience. Students also have the opportunity to experience live performances by professionals during and outside of the school day. A limited amount of time, outside of the school day, may be scheduled for dress rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and music goals. Students must participate in performance opportunities, outside of the school day, that support and extend the learning in the classroom. Choral repertoire should be developmentally appropriate. Additional emphasis is placed on sight-reading, critical listening skills, and vocal technique.

- This course may be taken for successive semesters.

ADVANCED CHORUS (70165)

Grades 9-12/1-2 semesters

Teacher Recommendation Following audition and/or interview with Director; MANDATORY AFTER SCHOOL PRACTICE & PERFORMANCES.

Students taking Advanced Chorus develop musicianship and specific performance skills through ensemble and solo singing. The chorus may be composed of: (1) male chorus, (2) female chorus, (3) mixed chorus or any combination thereof. Activities create the development of a quality repertoire in the

diverse styles of choral literature appropriate in difficulty and range for the students. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Chorus classes provide instruction in creating, performing, conducting, listening to, and analyzing, in addition to focusing on the specific subject matter. Students develop the ability to understand and convey the composer's intent in order to connect the performer with the audience. Students have the opportunity to experience live performances by professionals during and outside of the school day. A limited amount of time, outside of the school day, may be scheduled for dress rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and music goals. Students must participate in performance opportunities, outside of the school day, that support and extend the learning in the classroom. The choral repertoire must be of the highest caliber. Mastery of basic choral technique must be evident. Areas of refinement include a cappella singing, sight-reading, and critical listening skills.

- This course may be taken for successive semesters.

INTERMEDIATE ORCHESTRA (70117)

Grades /2 semesters

Intermediate Orchestra is based on the Indiana Academic Standards for High School Instrumental Music. Students in this ensemble are provided with a balanced comprehensive study of music through the orchestra, string and/or full orchestra, which develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop and refine elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of orchestral literature, and integration of other applicable disciplines. Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

ADVANCED ORCHESTRA (70118)

Grades 9-12/2 semesters

Advanced Orchestra is based on the Indiana Academic Standards for High School Instrumental Music. Students in this ensemble are provided with a balanced comprehensive study of music through the orchestra, string and/or full orchestra, which develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop and refine elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of orchestral literature, and integration of other applicable disciplines. Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals.

Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

Theatre Courses

THEATRE ARTS (70026)

Grades 9-12/2 semesters

Theatre Arts is based on the Indiana Academic Standards for Theatre. Students enrolled in Theatre Arts read and analyze plays, create scripts and theatre pieces, conceive scenic designs, and develop acting skills. These activities incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies. Additionally, students explore career opportunities in the theatre, attend and critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community.

- The nature of this course allows for two successive semesters (Theatre Arts I and Theatre Arts II) of instruction at this level, provided that defined standards are utilized.
- Students will be expected to perform in front of classmates
- Students are required to put in 15 hours worth of time-outside of class-on a production over the course of the school year
- Students are required to audition for at least one production over the course of the school year, though not required to accept a role if offered
- Students will be required to perform memorized monologue/scene work

TECHNICAL THEATRE (70034)

Grades 10-12/1 semester

Pre-requisite: Theatre Arts or permission of theatre teacher
Technical Theatre is based on the Indiana Academic Standards for Theatre. Students enrolled in Technical Theatre actively engage in the process of designing, building, managing, and implementing the technical aspects of a production. These activities should incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies. Additionally, students explore career opportunities in the theatre, attend and critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community.

- The nature of this course allows for two successive semesters (Tech. Theatre I and Tech. Theatre II) of instruction at this level, provided that defined standards are utilized.
- Students taking this class must be willing to be on a crew during the production for that semester. They must also be prepared to build & paint during class if required.

ADVANCED ACTING (70035)

Grades 10-12/1 semester

Pre-requisite: Theatre Arts
Advanced Acting is based on the Indiana Academic Standards for Theatre. Students enrolled in Advanced Acting research, create, and perform characters through script analysis, observation, collaboration and rehearsal. These activities should incorporate elements of theatre history, culture, analysis, response, creative process and integrated studies. Additionally, students explore career opportunities in the theatre by attending plays, meeting actors and discussing their work, and becoming theatre patrons in their community.

-The nature of this course allows for two successive semesters (Advanced Acting I and Advanced Acting II) of instruction at this level, provided that defined standards are utilized.

-Students will be expected to present memorized scenes/ monologues on a biweekly basis

-Students will be expected to be involved with one production throughout the year in the area of performance or technical crew

-Students will be expected to audition for the children's show, though not required to accept a role if offered






THEATRE ARTS: SPECIAL TOPICS—DIRECTING (70036) Grades 11-12/1 semester

To be eligible for this class, students must have taken Theatre Arts, Advanced Theatre Arts, & Acting. Technical theatre is also strongly recommended.

Students taking this course will focus on a specific subject related to theatre arts, such as: Shakespeare, Children's Theatre, Directing, Arts Management & other specialized areas of study. These activities should incorporate elements of theatre history, culture, analysis, response, creative process & integrated studies. In addition to previously stated objectives, students will learn basic directing concepts including:

Blocking, script analysis, casting/auditions, organization, working with a production team, stage management Students will demonstrate their grasp of these principles through the direction of "mini-scenes" throughout the quarter. Students will further demonstrate their knowledge & understanding by presenting a 20-minute directing project at the end of the quarter. Additionally, students explore career opportunities in the theatre, attend & critique theatrical productions, & recognize the responsibilities & the importance of individual theatre patrons in their community.

HealthPhysical Education Department

PHYSICAL EDUCATION/HEALTH COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70195	Adult Roles/Health & Wellness	R									9			
70200	Physical Education I	R									9			
70198	Conditioning/Training (athletes)											10	11	12
70199	Strength/Cardio (non-athletes)											10	11	12
70201	Team Sports											10	11	12
70196	Lifesaving											10	11	12
70194	Swimming for Fitness										9	10	11	12
70197	Yoga and Water Aerobics										9	10	11	12
70202	Pool Lifeguard						X					10	11	12

ADULT ROLES/HEALTH & WELLNESS (70195)

Grade 9/2 semesters

High school health education provides the basis for continued methods of developing knowledge, concepts, skills, behaviors, and attitudes related to student health and well-being. This course includes the major content areas in a planned, sequential, comprehensive health education curriculum as expressed in the Indiana Health Education Proficiency Guide: (1) Growth and Development; (2) Mental and Emotional Health; (3) Community and Environmental Health; (4) Nutrition; (5) Family Life Education; (6) Consumer Health; (7) Personal Health; (8) Alcohol, Tobacco, and Other Drugs Education; (9) Intentional and Unintentional Injury; and (10) Health Promotion and Disease Prevention. Students are provided with opportunities to explore the effect of health behaviors on an individual's quality of life. This course assists students in understanding that health is a lifetime commitment by analyzing individual risk factors and health decisions that promote health and prevent disease. Students are also encouraged to assume individual responsibility for becoming competent health consumers. A variety of instructional strategies, including technology, are used to further develop health literacy.

PHYSICAL EDUCATION I (70200)

Grade 9/2 semesters

Physical Education I focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum that provides students with opportunities to actively participate in at least four of the following: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all of which are within the framework of the skills, knowledge and confidence needed by the student for a lifetime of healthful physical activity and fitness. Ongoing assessment includes both written and performance-based skill evaluation. Physical Education II focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum that provides students with opportunities to actively participate in four of the following areas that were not included in Physical Education I: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all of which are within the framework of the skills, knowledge and confidence needed by the student for a lifetime of healthful physical activity and fitness.

Swimming will be a required unit.

Elective Physical Education Courses Listed Below

Pre-requisite: Completion of Physical Education with a "C" average or better.

EPE: TEAM SPORTS (70201)**Grades 11-12/1-2 semesters**

This course emphasizes team sports. Activities may include soccer, flag football, basketball, softball, volleyball, team handball, tennis, or floor hockey. Additional outdoor activities like fishing, archery and kayaking may also be included.

EPE: STRENGTH/CARDIO (NON-ATHLETES) (70199)**Grades 10-12/1-2 semesters****HHS Course Prerequisite: "C" or higher in prior PE courses**

This course is offered to meet the fitness needs of students who do not compete on high school athletic teams but are still interested in increasing their cardiovascular and muscular strength.

EPE: CONDITIONING/TRAINING (ATHLETES) (70198)**Grades 10-12/1-2 semesters****HHS Course Prerequisite: "C" or higher in prior PE courses**

This course is offered to meet the fitness needs of student athletes. It includes high intensity workouts designed to develop strength, speed, and coordination.

EPE: SWIMMING FOR FITNESS (70194)**Grades 9-12/1 semester****HHS Course Prerequisite: "C" or higher in prior PE courses**

- Must tread water for 10 min.
- Must swim 200 yards using front crawl

Emphasis is on health-related physical fitness and on maintaining the skills/habits necessary for a lifetime of activity through swimming. This program will include emphasis on cardio-respiratory endurance, muscle endurance, body composition, flexibility, and muscle strength. Students will participate in a variety of individual and team activities including but not limited to: swimming laps, intervals, treading water, diving, water polo, water stations, water games, and water aerobics. Students will develop skills and attitudes to promote lifelong fitness.

EPE: YOGA AND WATER AEROBICS (70197)**Grades 9-12/1 semester****HHS Course Prerequisites: PE I and PE II**

Prerequisite: Must pass a prerequisite swim test as a proficient swimmer as this is not a "learn to swim" course. This course is a combination of Water Aerobics (in the pool)

and Yoga (dry-land). Classes will alternate activities for weekly workout routines. The emphasis will be on engaging core muscles, increasing strength, endurance, balance, coordination, and flexibility through yoga and water aerobic exercises each week. This course promotes Yoga and Water Aerobics as lifetime fitness activities.

EPE: LIFESAVING (70196)**Grades 10-12/1 semester****HHS Course Prerequisites: PE I and PE II**

This course is for those students who are interested in becoming an American Red Cross certified lifeguard. This course will be taught by a certified ARC Instructor and follow the ARC Lifeguarding program. Course content will include swimming, treading, health-related fitness activities, CPR/AED skills, first aid, swimming skill development, swimming rescues, and injury prevention. This class will also include dryland skills and some class work. Students must participate daily and pass all skills assessments as well as pass both final written exams with a score of at least 80% to become certified. Students will also need to pay the certification fee at the end of the course to receive their certification.

Prerequisites:






- Must be at least 15 years old
- Must have advanced swimming skills to pass a 300 yard swim test without stopping, using front crawl and breaststroke
- Must submerge to a minimum depth of 7 feet to retrieve a 10-lb. object and return it to the surface
- Must tread water for 2 minutes using legs only

POOL LIFEGUARD (70202)**Grades 11-12/1-2 semesters****Prerequisites:**

- Students must provide proof of current Lifeguard certification.
- Be in good standing including: attendance, grades, behavior, etc.
- Must have a recommendation from PE teacher/Swim Instructor.
- Be 16 years Old (minimum)

Pool Lifeguards will dress daily to supervise the pool during the school day for PE classes. Pool lifeguards will be paid through the School City of Hobart.

Information Technology

INFORMATION TECHNOLOGY COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70506	Computer Science I			3	X		X		X		9	10	11	12
70507	Computer Science II			3	X		X		X			10	11	12
70508	Computer Science III: Informatics			3	X		X		X			10	11	12
70499	Information Tech Support			3			X					10	11	12
70499T	Information Tech Support Intern												11	12
70500	Networking I			6					X			10	11	12
70509	PLTW Cybersecurity											10	11	12

COMPUTER SCIENCE I (70506)

Grades 9-12/2 semesters

This course counts as the third Core Science course required for graduation.

Computer Science I introduces the structured techniques necessary for efficient solution of business-related computer programming logic problems and coding solutions into a high-level language. The fundamental concepts of programming are provided through explanations and effects of commands and hands-on utilization of lab equipment to produce accurate outputs. Topics include program flow-charting, pseudo coding, and hierarchy charts as a means of solving problems. The course covers creating file layouts, print charts, program narratives, user documentation, and system flowcharts for business problems; algorithm development and review, flowcharting, input/output techniques, looping, modules, selection structures, file handling, control breaks, and offers students an opportunity to apply skills in a laboratory environment.

Hobart University

SDEV 120 Computing Logic 3 credits

Testing Pre-Requisites:

SDEV 120: Reading Ready; Math Standard 1 or Senior Waiver

****No Guarantee of Transferability****

COMPUTER SCIENCE II (70507)

Grades 10-12/2 semesters

HHS Course Prerequisite: Computer Science I

This course counts as the third Core Science course required for graduation.

Computer Science II explores and builds skills in programming and a basic understanding of the fundamentals of procedural program development using structured, modular concepts. Coursework emphasizes logical program design involving user-defined functions and standard structure elements. Discussions will include the role of data types, variables, structures, addressable memory locations, arrays and pointers, and data file access methods. An emphasis on logical program design using a modular approach, which involves task-oriented program functions.

Hobart University

SDEV 140 Introduction to Software Development 3 credits

Testing Pre-Requisites:

SDEV 140: SDEV 120

****No Guarantee of Transferability****

COMPUTER SCIENCE III: INFORMATICS (70508)

Grades 10-12/2 semesters

HHS Course Prerequisite: Computer Science I

This course counts as the third Core Science course required for graduation.

Computer Science II: Informatics introduces the student to terminology, concepts, theory, and fundamental skills used to implement information systems and functions in a wide variety of applications from small businesses to large enterprise organizations. Topics include the history of and trends in computing, operating systems, security, cloud implementations and other concepts associated with applying the principles of good information management to the organization.

Hobart University

INFM 109 Informatics Fundamentals 3 credits

Testing Pre-Requisites:

INFM 109: Reading Ready or Senior Waiver

****No Guarantee of Transferability****

INFORMATION TECHNOLOGY SUPPORT (70499)

Grades 10-12/2 semesters

HHS Course Prerequisite: Computer Science I

Information Technology Support allows students to explore how computers work. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Through hands-on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems.

Hobart University

ITSP 135 Hardware/Software Support 4 credits

Testing Pre-Requisites:

ITSP 135: SDEV 120

****No Guarantee of Transferability****

INFORMATION TECHNOLOGY SUPPORT INTERN (70499T)

Grades 11-12/2 semesters

HHS Course Prerequisite: Information Technology Support

This section of Information Tech Support is for students who have already completed Information Tech Support

(70499) and wish to assist students and staff with technology needs.

No Guarantee of Transferability

NETWORKING I (70500)

Grades 10-12/2 semesters

Networking I introduces students to local and wide area networks, home networking, networking standards using the IEEE/OSI Model, network protocols, transmission media and network architecture/ topologies. Security and data integrity are introduced and emphasized throughout this course, which offers students the critical information needed to successfully move into a role as an IT professional supporting networked computers. Concepts covered will include TCP/IP client administration, planning a network topology, configuring the TCP/IP protocol, managing network clients, configuring routers and hubs, as well as creating a wireless LAN.

Hobart University

NETI 105	Network Fundamentals	3 credits
NETI 115	Routing and Switching	3 credits

Testing Pre-Requisites:

NETI 105: Reading Ready or Senior Waiver
NETI 115: NETI 105






PLTW CYBERSECURITY (70509)

Grades 10-12/2 semesters

This course counts as the third Core Science course required for graduation.

The design of the course exposes high school students to the ever growing and far reaching field of cybersecurity. Students accomplish this through problem-based learning, where students role-play as cybersecurity experts and train as cybersecurity experts do. PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, "outside-the-box" thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity.

Junior Reserve Officer Training Corps (JROTC)

JROTC COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70957	JROTC 9 (can replace PE)						X				9			
70958	JROTC 10						X					10	11	
70958	JROTC 11						X					10	11	
70959	JROTC 12						X							12

The mission of Army JROTC is to motivate young people to be better citizens. All JROTC courses are designed to introduce, develop, exercise and critique 1) aspects of citizenship and patriotism, 2) personal health and fitness, 3) personal growth, and 4) decision-making and leadership skills. All JROTC courses emphasize values and character development, knowledge and skills necessary for life beyond high school and personal responsibility to prepare for life as a productive adult. There are four JROTC levels through which a cadet may progress from year to year. All ROTC levels include a classroom course consisting of academic instruction, physical training, hands-on experience, service learning projects, community service opportunities, field trips and interscholastic competitions. Daily, cadets participate in individual and group settings. Cadets may earn advanced placement credit for College ROTC programs, enter the military at a higher grade and rank and earn an opportunity for college scholarships by completing two to four years of JROTC during their high school career.

JROTC 9—BASIC ENTRY LEVEL (70957)

Grade 9/2 semesters

This is a two-semester entry-level freshman course designed to introduce students to JROTC and lay a solid foundation for further development as a person, citizen and leader. The JROTC BASIC ENTRY LEVEL course emphasizes basic concepts relating to citizenship and patriotism, leadership theory, self-assessment and reflection, learning methods, study skills and communication skills. Cadets are required to

wear the Army uniform one day a week, participate in group projects in and out of the classroom and participate in one service learning project each semester. Grades are based on performance, participation and effort. JROTC is a progressive program in which students may continue to enroll in successive semesters of study as long as they successfully complete each prerequisite level of study. JROTC Basic Entry Level is a prerequisite for JROTC Developmental Level. **JROTC Basic Entry Level taken in 9th grade can replace a student's Physical Education course.**

JROTC 10—DEVELOPMENTAL LEVEL (70958)

Grade 10-12/2 semesters

Prerequisites: JROTC Basic Entry Level or instructor permission

This is a two-semester second-year progressive or entry-level course designed to build on the JROTC Basic Entry Level leadership training foundation and inspire growth as a person, citizen and leader. The JROTC Developmental Level course emphasizes basic concepts relating to US history, military history, civics and government as well as first aid, health awareness and substance abuse issues. The course also builds on previous concepts in the basic citizenship, leadership, self-assessment, learning, study and communication skills. Cadets are required to wear the Army uniform one day a week, participate in group projects in and out of the classroom and participate in one service learning project each semester. Grades are based on performance, participation and effort. JROTC is a progressive program in

which students may continue to enroll in successive semesters of study as long as they successfully complete each prerequisite level of study. JROTC Basic Entry Level is a prerequisite for JROTC Developmental Level; however upper-classmen entering JROTC for the first time may be admitted to JROTC Developmental Level with Senior Army Instructor approval. JROTC DEVELOPMENTAL LEVEL is a prerequisite for JROTC Intermediate Level and students may earn 1 elective course credit each semester.

JROTC 11—INTERMEDIATE LEVEL (70958)

Grade 11-12/2 semesters

Prerequisites: JROTC Developmental Level

This is a two-semester third-year progressive course designed to analyze and begin to exercise the JROTC Basic and JROTC Developmental Level concepts and skills. JROTC Intermediate course emphasizes intermediate concepts designed to help the cadet understand their culturally diverse environment, communicate effectively and plan for their future. Topics include public speaking, anger management, cultural diversity, conflict mediation, career exploration, college/career preparation and basic financial management. Cadets are required to wear the Army uniform one day a week, participate in group projects in and out of the classroom and participate in one service learning project each semester. Grades are based on performance, participation and effort. JROTC is a progressive program in

which students may continue to enroll in successive semesters of study as long as they successfully complete each prerequisite level of study. JROTC Developmental Level is a prerequisite for JROTC Intermediate and JROTC Intermediate is a prerequisite for JROTC Advanced and students may earn 1 elective course credit each semester.






JROTC 12—ADVANCED LEVEL (70959)

Grade 12/2 semesters

Prerequisites: JROTC Intermediate

This is a two-semester fourth-year progressive course designed to exercise all previous JROTC level concepts and skills. The JROTC Advanced course emphasizes opportunities to lead, teach, train, speak publicly and mediate conflict. The JROTC Advanced course includes modules on career preparation, college or trade school selection and application and more advanced financial management. JROTC Advanced cadets also gain practical experience as they function as the battalion staff and plan, organize, administer, execute and review all co-curricular JROTC programs, activities and clubs. Cadets are required to wear the Army uniform one day a week, participate in group projects in and out of the classroom and participate in one service learning project each semester. Grades are based on performance, participation and effort. JROTC Intermediate is a prerequisite for JROTC Advanced and students may earn 1 elective course credit each semester.

Mathematics Department

MATHEMATICS COURSES		R	W	D	#						Grade Level			
											9	10	11	12
81045	Algebra I	R									9			
70039	Algebra I Honors										9			
70047	Algebra II	R											11	12
70046	Algebra II Honors		W									10	11	
70049	Business Math													12
70053	Calculus Honors		W	4					X					12
70055	Finite Math			3					X				11	12
70044	Geometry	R										10	11	12
70040	Geometry Honors		W								9	10	11	
70052	Pre-Calculus Honors		W	3					X				11	12
70054	Quantitative Reasoning			3					X					12
70051	Trigonometry Honors		W	3					X				11	12

Math Department Policies

- Students may take only one math class per year except with special permission.
- Honors courses are by recommendation only. To participate, students should have a prior "A"/"B" in Honors or a strong "A" in their regular math class.

ALGEBRA I (81045)

Grades 9/2 semesters

Algebra I provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. The concept of function is

emphasized throughout the course. Topics include: (1) operations with real numbers, (2) linear equations and inequalities, (3) relations and functions, (4) polynomials, (5) algebraic fractions, and (6) nonlinear equations. *Repeaters in grades 10-12 should sign up for 70042—Algebra I*

ALGEBRA I HONORS (70039)

Grade 9/2 semesters

Pre-requisite: Must have completed Algebra IA in 8th grade and have teacher recommendation.

Algebra I provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of

problem-solving situations. The concept of function is emphasized throughout the course. Topics include: (1) operations with real numbers, (2) linear equations and inequalities, (3) relations and functions, (4) polynomials, (5) algebraic fractions, and (6) nonlinear equations.

• This course is an extension of the topics covered in 8th grade algebra. The curriculum for this course is determined by the Indiana Mathematics Standards.

ALGEBRA II (70047)

Grades 11-12/2 semesters

Algebra II is a course that extends the content of Algebra I and provides further development of the concept of a function. Topics include: (1) relations, functions, equations and inequalities; (2) conic sections; (3) polynomials; (4) algebraic fractions; (5) logarithmic and exponential functions; (6) sequences and series; and (7) counting principles and probability.

ALGEBRA II HONORS (70046)

Grade 10-11/2 semesters

Pre-requisite: Completion of Algebra I with an A or Algebra I Honors with at least a B.

Algebra II Honors is a course that extends the content of Algebra I and provides further development of the concept of a function. Topics include: (1) relations, functions, equations and inequalities; (2) conic sections; (3) polynomials; (4) algebraic fractions; (5) logarithmic and exponential functions; (6) sequences and series; and (7) counting principals and probability.

BUSINESS MATH (70049)

Grade 12/2 semesters

This course is intended for upperclassmen *who have received credit in Algebra 1 but are ineligible to enroll in other upper level math classes*. Business Math is a course designed to prepare students for roles as entrepreneurs, producers, and business leaders by developing abilities and skills that are part of any business environment. A solid understanding of math including algebra, basic geometry, statistics, and probability provides the necessary foundation for students interested in careers in business and skilled trade areas. The content includes mathematical operations related to accounting, banking and finance, marketing, and management. Instructional strategies should include simulations, guest speakers, tours, Internet research, and business experiences.

CALCULUS HONORS (70053)

Grade 12/2 semesters

Pre-requisite: C's or better in Pre-calculus and Trigonometry. Calculus is a course that provides students with the content established by the College Board. Topics include: (1) limits and continuity, (2) differential calculus, (3) applications of derivatives, (4) integral Calculus, and (5) applications of integration. The use of graphing technology is required.

Hobart University

MATH 211 Calculus I 4 credits

Testing Pre-Requisites:
MATH 211: Math Standard 5

****Core Transfer Library Course****

FINITE MATH (70055)

Grades 11-12/2 semesters

Pre-requisite: Algebra II with at least a "C"

Finite Mathematics is an umbrella of mathematical topics. It is a course designed for students who will undertake higher-level mathematics in college that may not include calculus. Topics include: (1) counting techniques, (2) matrices, (3) recursion, (4) graph theory, (5) social choice, (6) linear programming, and (7) game theory. Technology, such as computers and graphing calculators, will be used. The two terms of this class are stand alone terms. Semester I includes matrices, linear programming, and sequences and series. Semester II includes set operations, probability, statistics, game theory, and graph theory.

Hobart University

MATH 135 Finite Math 3 credits

Testing Pre-Requisites:
MATH 135: Math Standard 4

****Core Transfer Library Course****

GEOMETRY (70044)

Grades 10-12/2 semesters

Completion of Algebra I is required.

Geometry provides students with experiences that deepen the understanding of two- and three-dimensional objects and their properties. Deductive and inductive reasoning as well as investigative strategies in drawing conclusions are stressed. Properties and relationships of geometric objects include the study of: (1) points, lines, angles and planes; (2) polygons, with a special focus on quadrilaterals, triangles, right triangles; (3) circles; and (4) polyhedral and other solids. An understanding of proof and logic is developed. Use of graphing calculators and computer drawing programs is encouraged.

GEOMETRY HONORS (70040)

Grade 9-11/2 semesters

Pre-requisite: Completion of Algebra I with an A or Algebra I Honors with at least a B is required.

Geometry provides students with experiences that deepen the understanding of two- and three-dimensional objects and their properties. Deductive and inductive reasoning as well as investigative strategies in drawing conclusions are stressed. Properties and relationships of geometric objects include the study of: (1) points, lines, angles and planes; (2) polygons, with a special focus on quadrilaterals, triangles, right triangles; (3) circles; and (4) polyhedral and other solids. An understanding of proof and logic is developed. Use of graphing calculators and computer drawing programs is encouraged. This course has the same profile as regular geometry with the addition of area & coordinate geometry. Students will solve more complex problems & use deductive reasoning in formal proofs. The curriculum for this course is determined by the Indiana Mathematics Standards.

PRE-CALCULUS HONORS (70052)

Grades 11-12/1 semester

Pre-requisite: Completion of Algebra I, Algebra II, and Geometry, strongly recommended A's in the regular track or A's and B's in the honors track. Pre-Calculus blends the concepts and skills that must be mastered before enrollment in a college-level calculus course. A functional approach provides for the integration of all of the concepts listed for the

course in Trigonometry plus: (1) relations and functions, (2) exponential and logarithmic functions, (3) sequences and series, and (4) data analysis.

Hobart University

MATH 136 College Algebra 3 credits

Testing Pre-Requisites:
MATH 136: Math Standard 4

****Core Transfer Library Course****

QUANTITATIVE REASONING (70054)

Grade 12/2 semesters

Pre-requisite: Must have completed Algebra I, Geometry, and Algebra II.

Quantitative Reasoning is a mathematics course focused on the study of numeracy, ratio and proportional reasoning, modeling, probabilistic reasoning to assess risk, and statistics. Students build knowledge of and confidence with basic mathematical/analytical concepts and operations required for problem solving, decision making, and economic productivity in real world applications and prepare for an increasingly information-based society in which the ability to use and critically evaluate information, especially numerical information, is essential. Technology, such as computers and

graphing calculators, should be used frequently.

Hobart University

MATH 123 Quantitative Reasoning 3 credits

Testing Pre-Requisites:
MATH 123: Math Standard 1

****Core Transfer Library Course****

TRIGONOMETRY HONORS (70051)

Grades 11-12/1 semester

Pre-requisite: Completion of Honors Pre-calculus; strongly recommended "C" or better in Pre-Calculus. Trigonometry is a course that provides for the development of the trigonometric relationships from an understanding of the circular functions and their properties and graphs. Topics includes the study of (1) trigonometry in triangles, (2) trigonometric functions, (3) trigonometric identities and equations, and (4) polar coordinates and complex numbers.






Hobart University

MATH 137 Trigonometry with Analytic Geometry 3 credits

Testing Pre-Requisites:
MATH 137: Math Standard 4

****Core Transfer Library Course****

Science Department

SCIENCE COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70071D	Adv Sci/CC/BIOL 105/AP Biology		W	5	X				X				11	12
70068D	Adv Sci/CC/CHEM 105/AP Chemistry		W	5	X				X					12
81062	Biology I	R									9			
82062	Biology I Honors		W								9			
70073	Biology II Honors		W	3					X			10	11	12
70067	Chemistry I	R			X							10	11	12
70063	Chemistry I Honors		W		X							10		
70074	Chemistry II Honors		W	3	X				X				11	12
70066	Environmental Science												11	12
70072	Honors Anatomy & Physiology		W	6					X				11	12
70070	Honors Physics I		W		X							10	11	12
70069	Integrated Chemistry/Physics	R			X							10	11	12
70061	Medical Terminology			3					X			10	11	12
70488	PLTW Biomedical Innovation		W	3			X		X					12
70490	PLTW Human Body Systems			3								10	11	12
70489	PLTW Medical Interventions		W	3			X						11	12
70491	PLTW Principles of Biomedical Science			3							9	10	11	12

For a Core 40 diploma, students are required to take and pass the following:

Grade 9—Biology I or Biology I Honors

Grade 10—Chemistry or ICP or Physics Honors

Grade 11 or 12—One additional Science Course: Environmental Science, Honors Physics, Biology II Honors, Chemistry II Honors, AP Biology, Honors Anatomy & Physiology, AP Chemistry, or one of the Biomedical Project Lead the Way courses. Other classes

that can be counted as the third year of science include: Computer Science I, Computer Science, II, Computer Science III: Informatics, PLTW Cybersecurity, Aerospace Engineering, Principles of Engineering

AP BIOLOGY (70071)

Grades 11-12/2 semesters

Prerequisite: Biology I, Chemistry I (students should have a "B" or higher in these courses)

The AP Biology course is designed to be the equivalent of a

two-semester college introductory biology course usually taken by biology majors during their first year. AP Biology should include those topics regularly covered in a college biology course for majors including (1) Science as a Process, (2) Evolution, (3) Energy Transfer, (4) Continuity and Change, (5) Relationship of Structure to Function, (6) Regulation, (7) Interdependence in Nature, and (8) Science, Technology, and Society. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry as well. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

ADV SCI/CC/BIOL 105 (70071D)

Grades 11-12/2 semesters

This is the dual credit version of AP Biology (70071). Students wishing to earn college credit instead of taking the AP test should take this course. The courses are offered at the same time, so students will be getting the same instruction for both courses.

Hobart University

BIOL 105 College Biology I 5 credits

Testing Pre-Requisites:

BIOL 105: Reading Ready & Writing Ready; Math Standard 1 or Senior Waiver

****Core Transfer Library Course (when students opt for BIOL 107 coursework)****

AP CHEMISTRY (70068)

Grades 11-12/2 semesters

Students who sign up for this course will be reviewed on the following criteria: Chemistry grade (recommended "A" in Chemistry I or "B" in Chemistry I Honors; It is also recommended that students complete Algebra II before taking AP Chemistry)

AP Chemistry is a fast-paced course that provides an opportunity for highly motivated high school students to pursue college-level work. Students will have satisfactorily completed two semesters of chemistry to be admitted. The course is structured to follow the curriculum prescribed by the College Board in preparation for the National AP Chemistry examination. The course will be modeled after a typical college chemistry course. The primary focus of study will include molecular structure & bonding, chemical kinetics & concepts of equilibrium. The course will move quickly & require a good deal of preparation outside the classroom.

ADV SCI/CC/CHEM 105 (70068D)

Grade 12/2 semesters

This is the dual credit version of AP Chemistry (70068).

Students wishing to earn college credit instead of taking the AP test should take this course. The courses are offered at the same time, so students will be getting the same instruction for both courses.

Hobart University

CHEM 105 General Chemistry I 5 credits

Testing Pre-Requisites:

CHEM 105: Reading Ready & Writing Ready; Math Standard 3

****Core Transfer Library Course (when students opt for CHEM 106 coursework)****

BIOLOGY I (81062)

Grade 9/2 semesters

Biology I provides, through regular laboratory and field investigations, a study of the structures and functions of living organisms and their interactions with their environment. At a minimum, this study explores the functions and processes of cells, tissues, organs, and systems within various species of living organisms and the roles and interdependencies of organisms within populations, communities, ecosystems, and the biosphere. Students have opportunities to: (1) gain an understanding of the history of the development of biological knowledge, (2) explore the uses of biology in various careers, and (3) investigate biological questions and problems related to personal needs and social issues.

BIOLOGY I HONORS (82062)

Grade 9/2 semesters

Biology I provides, through regular laboratory and field investigations, a study of the structures and functions of living organisms and their interactions with their environment. At a minimum, this study explores the functions and processes of cells, tissues, organs, and systems within various species of living organisms and the roles and interdependencies of organisms within populations, communities, ecosystems, and the biosphere. Students have opportunities to: (1) gain an understanding of the history of the development of biological knowledge, (2) explore the uses of biology in various careers, and (3) investigate biological questions and problems related to personal needs and social issues.

BIOLOGY II Honors (70073)

Grades 10-12 2 semesters

Pre-requisite: Completion of Biology I with a "B" average. Biology II is an advanced laboratory, field, and literature investigations-based course. Students enrolled in Biology II examine in greater depth the structures, functions, and processes of living organisms. Students also analyze and describe the relationship of Earth's living organisms to each other and to the environment in which they live. In this course, students refine their scientific inquiry skills as they collaboratively and independently apply their knowledge of the unifying themes of biology to biological questions and problems related to personal and community issues in the life sciences.

Hobart University

BIOL 101 Introductory Biology 3 credits

Testing Pre-Requisites:

BIOL 101: Reading Ready & Writing Ready; Math Standard 1 or Senior Waiver

****Core Transfer Library Course****

CHEMISTRY I (70067)

Grades 10-12/2 semesters

Pre-requisite: Completion of Algebra I with a "B" average. Chemistry I allows students to synthesize useful models of the structure of matter and the mechanisms of its interactions through laboratory investigations of matter and chemical reactions. Students have opportunities to: (1) gain an understanding of the history of chemistry, (2) explore the uses of chemistry in various careers, (3) investigate chemical questions and problems related to personal needs and social issues, and (4) learn and practice laboratory safety.

CHEMISTRY I HONORS (70063)

Grade 10/2 semesters

Pre-requisite: Completion of Algebra I with an A or Honors Algebra I with at least a B and teacher recommendation. Chemistry I Honors allows students to synthesize useful models of the structure of matter and the mechanisms of its interactions through laboratory investigations of matter and chemical reactions. Students have opportunities to: (1) gain an understanding of the history of chemistry, (2) explore the uses of chemistry in various careers, (3) investigate chemical questions and problems related to personal needs and social issues, and (4) learn and practice laboratory safety.

CHEMISTRY II Honors (70074)

Grades 11-12 2 semesters

Pre-requisite: Completion of Chemistry I and Algebra II with a "B" average.

Chemistry II is an extended laboratory, field, and literature investigations-based course. Students enrolled in Chemistry II examine the chemical reactions of matter in living and nonliving materials. Based on the unifying themes of chemistry and the application of physical and mathematical models of the interactions of matter, students use the methods of scientific inquiry to answer chemical questions and solve problems concerning personal needs and community issues related to chemistry.

Hobart University

CHEM 101	Introductory Chemistry I	3 credits
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Testing Pre-Requisites:

CHEM 101: Reading Ready & Writing Ready; Math Standard 2

****Core Transfer Library Course****

ENVIRONMENTAL SCIENCE (70066)

Grades 11-12/2 semesters

In this class students will investigate, through laboratory and field work, the concepts of environmental systems, how matter and energy flows through these systems, populations, natural resources, and environmental hazards. The student will also gain the understanding of the historical perspectives from many different investigators.

HONORS ANATOMY & PHYSIOLOGY (70072)

Grades 11-12/2 semesters

It is recommended by the teacher that students complete both Health and Biology I before taking Honors A&P.

Anatomy & Physiology is a course in which students investigate concepts related to Health Science, with emphasis on interdependence of systems and contributions of each system to the maintenance of a healthy body. Introduces students to the cell, which is the basic structural and functional unit of all organisms, and covers tissues, integument, skeleton, muscular and nervous systems as an integrated unit. Through instruction, including laboratory activities, students apply concepts associated with Human Anatomy & Physiology. Students will understand the structure, organization and function of the various components of the healthy body in order to apply this knowledge in all health related fields.

Hobart University

APHY 101	Anatomy & Physiology I	3 credits
APHY 102	Anatomy & Physiology II	3 credits

Testing Pre-Requisites:

APHY 101: Reading Ready & Writing Ready; Math Standard 1 or Senior

Waiver

APHY 102: APHY 101

****No Guarantee of Transferability****

HONORS PHYSICS I (70070)

Grades 10-12/2 semesters

Pre-requisite: Completion of Algebra I and Geometry; C Average in these courses is strongly recommended. Physics I aids students in synthesizing the fundamental concepts and principles concerning matter and energy through the laboratory study of mechanics, wave motion, heat, light, electricity, magnetism, electromagnetism, and atomic and nuclear physics. Students have opportunities to: (1) acquire an awareness of the history of physics and its role in the birth of technology, (2) explore the uses of its models, theories, and laws in various careers, and (3) investigate physics questions and problems related to personal needs and social issues.

INTEGRATED CHEMISTRY/PHYSICS (70069)

Grade 10-12/2 semesters

Integrated Chemistry-Physics introduces the fundamental concepts of scientific inquiry, the structure of matter, chemical reactions, forces, motion, and the interactions between energy and matter. This course will serve students as a laboratory-based introduction to possible future course work in chemistry or physics while ensuring a mastery of the basics of each discipline. The ultimate goal of the course is to produce scientifically literate citizens capable of using their knowledge of physical science to solve real-world problems and to make personal, social, and ethical decisions that have consequences beyond the classroom walls.

MEDICAL TERMINOLOGY (70061)

Grades 10-12/2 semesters

Medical Terminology prepares students with language skills necessary for effective, independent use of health and medical reference materials. It includes the study of health and medical abbreviations, symbols, and Greek and Latin word part meanings, all taught within the context of body systems. This course builds skills in pronouncing, spelling, and defining new words encountered in verbal and written information in the healthcare industry. Students have the opportunity to acquire essential skills for accurate and logical communication, and interpretation of medical records. Emphasis is on forming a foundation of a medical vocabulary including; appropriate and accurate meaning, spelling, and pronunciation of medical terms, and abbreviations, signs, and symbols.

Hobart University

HLHS 101	Medical Terminology	3 credits
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Testing Pre-Requisites:

HLHS 101: Reading Ready & Writing Ready or Senior Waiver

****Core Transfer Library Course****

PLTW PRINCIPLES OF BIOMEDICAL SCIENCES (70491)

Grade 9/2 semesters

Pre-requisite: Teacher/Counselor recommendation

This course provides an introduction to the biomedical sciences through exciting "hands-on" projects and problems. Student work involves the study of human medicine, research processes and an introduction to bio-informatics. Students investigate the human body systems and various health

conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. A theme through the course is to determine the factors that led to the death of a fictional person. After determining the factors responsible for the death, the students investigate lifestyle choices and medical treatments that might have prolonged the person's life. Key biological concepts including: homeostasis, metabolism, inheritance of traits, feedback systems, and defense against disease are embedded in the curriculum. Engineering principles including: the design process, feedback loops, fluid dynamics, and the relationship of structure to function are incorporated in the curriculum where appropriate. The course is designed to provide an overview of all the courses in the Biomedical Sciences program and to lay the scientific foundation necessary for student success in the subsequent courses.

PLTW HUMAN BODY SYSTEMS (70490)

Grade 10/2 semesters

HHS Course Prerequisite: *Successful completion of PBS*

The human body is a complex system requiring care and maintenance. This course will engage students in the study of basic human physiology, especially in relationship to human health. Students will use a variety of monitors to examine body systems (respiratory, circulatory, and nervous) at rest and under stress, and observe the interactions between the various body systems. Students will use LabView® software to design and build systems to monitor body functions.

PLTW MEDICAL INTERVENTIONS (70489)

Grade 11/2 semesters

HHS Course Prerequisites: *PLTW PBS & HBS*

Medical intervention is a course that studies medical practices including interventions to support humans in treating disease and maintaining health. Using a project-based learning approach, students will investigate various medical interventions that extend and improve quality of life, including gene therapy, pharmacology, surgery, prosthetics,

rehabilitation, and supportive care. Students will also study the design and development of various interventions including vascular stents, cochlear implants, and prosthetic limbs. Lessons will cover the history of organ transplants and gene therapy with additional readings from current scientific literature addressing cutting edge developments. Using 3-D imaging software, students will design and build a model of a therapeutic protein. Schools must agree to be part of the Project Lead The Way network and follow all training and data collection requirements.

PLTW BIOMEDICAL INNOVATION (70488)

Grade 12/2 semesters

HHS Course Prerequisites: *PLTW PBS, HBS, & MI*

In this capstone course students design and conduct experiments related to the diagnosis, treatment, and prevention of disease or illness. They apply their knowledge and skills to answer questions or to solve problems related to the biomedical sciences. They may work with a mentor or advisor from a university, hospital, physician's office, or industry as they complete their work. Students are expected to present the results of their work to an adult audience, which may include representatives from the local healthcare or business community or the school's PLTW partnership team. Prerequisites: For all other courses, the prerequisites are the courses earlier in the series. Students may double up and take more than one PLTW Biomedical Sciences course in order to complete the program. If a student starts the program in 10th grade it is recommended that they take one course per year until their senior year when they take both Medical Interventions and Biomedical Innovations.

Hobart University






PLTW BIOT 107 Human Body Systems & Biomedical Int 4 credits

Testing Pre-Requisites:

PLTW BIOT 107: None

****No Guarantee of Transferability****

Social Studies Department

SOCIAL STUDIES COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70078	AP European History		W										11	12
70093	Current Problems and Events											10	11	12
70082	Economics	R			X									12
70082D	AP Macroeconomics		W	3					X					12
70094	Ethnic Studies										9	10	11	12
70081	Indiana Studies										9	10	11	12
70087	Psychology I Honors			3					X			10	11	12
70090	Psychology II											10	11	12
70086	Sociology												11	12
70077	United States History	R											11	
700792/70079D	United States History Honors		W	6					X				11	
70083	US Government	R												12
70083D	US Government Honors		W	3					X					12
70076	World History & Civilization	R										10		
70076D	World History & Civilization Honors		W	3					X			10		

CURRENT PROBLEMS, ISSUES, AND EVENTS (70093)

Grades 10-12/1 semester

Current Problems, Issues, and Events gives students the opportunity to apply investigative and inquiry techniques to the study of significant problems or issues. Students develop competence in (1) recognizing cause and effect relationships, (2) recognizing fallacies in reasoning and propaganda devices, (3) synthesizing knowledge into useful patterns, (4) stating and testing hypotheses, and (5) generalizing based on evidence. Problems or issues selected will have contemporary historical significance and will be studies from the viewpoint of the social science disciplines.

ECONOMICS (70082)

Grade 12/1 semester

Economics is the social studies course that examines the allocation of scarce resources and their alternative uses for satisfying human wants. This course analyzes the economic reasoning used as consumers, producers, savers, investors, workers, voters, and government agencies make decisions. Key elements of the course include a study of scarcity and economic reasoning, supply and demand, market structures, the role of government, national income determination, money and the role of financial institutions, economic stabilization, and trade. Students will explain that because resources are limited, people must make choices in all aspects of daily life and demonstrate understanding of the role that supply, demand, prices, and profits play in a market economy. Students will examine the functions of government in a market economy and study market structures, including the organization and role of businesses. Students will understand the role of economic performance, money, stabilization policies, and trade of the United States. While the economic way of thinking involves scientific tools and techniques, economics remains a social science, which endeavors to systematically study the behavior of people, institutions, and societies.

AP EUROPEAN HISTORY

Grades 11-12/2 semesters

AP European History is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. In AP European History students investigate significant events, individuals, developments, and processes in four historical periods from approximately 15 Indiana Department of Education High School Course Titles and Descriptions 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing historical evidence; contextualization; comparison; causation; change and continuity over time; and argument development. The course also provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; individual and society; and national and European identity.

AP MACROECONOMICS (70082D)

Grade 12/1 semester

AP Macroeconomics is a course based on the content established and copyrighted by the College Board. AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. Topics include: Basic Economic Concepts; Measurement of Economic Performance; National Income and Price Determination; Financial Sector; Stabilization Policies; and Economic Growth.

ETHNIC STUDIES (70094)**Grades 9-12/1 semester**

Ethnic Studies provides opportunities to broaden students' perspectives concerning lifestyles and cultural patterns of ethnic groups in the United States. This course will either focus on a particular ethnic group or groups, or use a comparative approach to the study of patterns of cultural development, immigration, and assimilation, as well as the contributions of specific ethnic or cultural groups. The course may also include analysis of the political impact of ethnic diversity in the United States.

INDIANA STUDIES (70081)**Grades 9-12/1 semester**

Indiana Studies is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history, and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. It also includes the study of state and national constitutions from a historical perspective and as a current foundation of government. Examination of individual leaders and their roles in a democratic society will be included and student will examine the participation of citizens in the political process. Selections from Indiana arts and literature may also be analyzed for insights into historical events and cultural expressions.

PSYCHOLOGY I HONORS (70087)**Grades 10-12/1 semester**

Psychology is the scientific study of mental processes and behavior. The Standards have been divided into six content areas. These areas include: Scientific Methods, Developmental, Cognitive, Personality, Assessment and Mental Health, Socio-cultural and Biological Bases of Behavior. In the Scientific Methods area, research methods and ethical considerations are discussed. Developmental psychology takes a lifespan approach to physical, cognitive, language, emotional, social, and moral development. Cognitive aspects of psychology focuses on learning, memory, information processing, and language. Personality, Assessment and Mental Health topics include psychological disorders, treatment, personality, and assessment. Socio-cultural dimensions of behavior deal with topics such as conformity, obedience, perceptions, attitudes, and the influence of the group on the individual. The Biological Bases focuses on the way the brain and nervous system functions, including topics such as sensation, perception, motivation, and emotion.

Hobart University

PSYC 101 Introduction to Psychology 3 credits

Testing Pre-Requisites:

PSYC 101: Reading Ready & Writing Ready or Senior Waiver

****Core Transfer Library Course****

PSYCHOLOGY II (70090)**Grades 10-12/1 semester**

This course is a continuation of Psychology I. Topics covered include: sensation and perception, learning, thinking, language. Social Psychology, emotion, motivation and others. Evaluation is based on essays, objective exams, & class participation.

SOCIOLOGY (70086)**Grades 10-12/1 semester**

Sociology provides opportunities for students to study human social behavior from a group perspective. The sociological perspective is a distinct method of studying recurring patterns in people's attitudes and actions and how these patterns vary across time, among cultures, and in social groups. Students will describe the development of sociology as a social science and identify methods and strategies of research. Students examine society, group behavior, and social structures through research methods using scientific inquiry. The influence of culture on group behavior is addressed through areas of content including social institutions such as the family, religion, education, economics, government, community organizations, and political and social groups. Students will also explore the impacts of social groups and social institutions on individual and group behavior and examine the changing nature of society. The development of group organizations and interactions, the factors that influence group behavior and social problems, and the impact of cultural change on society are included in the study. Students will analyze a range of social problems in today's world and examine the role of the individual as a member of the community.

UNITED STATES HISTORY (70077)**Grade 11/2 semesters**

United States History is a two-semester course, which builds upon concepts developed in previous studies of American history. Students in this course are expected to identify and review significant events, persons, and movements in the early development of the nation. After providing such a review, the course gives major emphasis to the interaction of key events, persons, and groups with political, economic, social, and cultural influences on state and national development in the late nineteenth, twentieth, and early twenty-first centuries. Students are expected to trace and analyze chronological periods and examine the relationship of significant themes and concepts in Indiana and United States history. They are expected to develop skills and processes of historical thinking and inquiry that involve chronological thinking, comprehension, analysis and interpretation, and research that uses primary and secondary sources found at local and state historic sites, museums, libraries, and archival collections, including electronic sources. Opportunities are given to develop inquiry skills by gathering and organizing information from primary source material and a variety of historical and contemporary sources, accounts, and documents which provide diverse perspectives. Investigation of themes and issues includes cultural pluralism and diversity of opinion in American society. Students should exercise their skills as citizens in a democratic society by engaging in problem solving and civic decision-making in the classroom, school, and community setting.

UNITED STATES HISTORY HONORS (700792/70079D)**Grade 11/2 semesters**

HIST 101 covers major themes and events in American history from domestic and global standpoints, including exploration of the New World; the colonial period; causes and results of the American Revolution; the development of the federal system of government; the growth of democracy; early popular American culture; territorial expansion; slavery and its effect; reform movements, sectionalism; causes and effects of the Civil War. HIST 102 covers major themes including the

post Civil War period, western expansion, industrial growth of the nation and its effects, immigration and urban discontent and attempts at reform, World War I, the Roaring Twenties, social and governmental changes of the thirties, World War II and its consequences, the growth of the federal government, social upheaval in the sixties and seventies, and recent trends in conservatism, globalization, and cultural diversity.

This is the college credit version of US History. Students who qualify for the college credit and/or want an advanced version of US History should choose this course.

Hobart University

HIST 101	Survey of American History I	3 credits
HIST 102	Survey of American History II	3 credits

Testing Pre-Requisites:

HIST 101: Reading Ready & Writing Ready

HIST 102: Reading Ready & Writing Ready

****Core Transfer Library Courses****

UNITED STATES GOVERNMENT (70083)

Grade 12/1 semester

United States Government provides a framework for understanding the purposes, principles, and practices of constitutional representative democracy in the United States of America. Responsible and effective participation by citizens is stressed. Students will understand the nature of citizenship, politics, and government when they understand their rights and responsibilities as citizens and be able to explain how those rights and responsibilities as citizens are part of local, state, and national government in the United States today. Students examine how the United States Constitution protects individual rights and provides the structures and functions for the various levels of government affecting their lives. Students will also analyze how the United States government interacts with other nations and evaluate the United States' role in world affairs. Students inquire about American government through primary and secondary sources and articulate, evaluate, and defend positions on political issues with sound reasoning and evidence. As a result, students can explain the roles of citizens in the United States and the participation of individuals and groups in government, politics, and civic activities, recognize the need for civic and political engagement of citizens, and exercise rights and responsibilities in order to preserve and improve their civil society and constitutional government.

US GOVERNMENT HONORS (70083D)

Grade 12/1 semester

This is the college credit version of US Government. Students who qualify for the college credit and/or want an advanced version of US Government should choose this course.

Hobart University

POLS 101	Intro to American Government & Politics	3 credits
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Testing Pre-Requisites:

POLS 101: Reading Ready & Writing Ready or Senior Waiver

****Core Transfer Library Course****

WORLD HISTORY & CIVILIZATION (70076)

Grade 10/2 semesters

World History is a two-semester course. It emphasizes events and developments in the past that greatly affected large numbers of people across broad areas of the earth and that significantly influenced peoples and places in subsequent eras. Some key events and developments pertain primarily to particular people and place; others, by contrast, involve transcultural interactions and exchanges between various peoples and places in different parts of the world. Students are expected to practice skills and processes of historical thinking and inquiry that involve chronological thinking, comprehension, analysis and interpretation, research, issues-analysis, and decision-making. They are expected to compare and contrast events and developments involving diverse peoples and civilizations in different regions of the world. Students are expected to examine examples of continuity and change, universality and particularity, and unity and diversity among various peoples and cultures from the past to the present. Finally, students are expected to apply content knowledge to the practice of thinking and inquiry skills and processes. There should be continuous and pervasive interactions of processes and content, skills and substance, in the teaching and learning of history.

WORLD HISTORY HONORS (70076D)

Grade 10/2 semesters

Although this course follows the same description as World History & Civilization, this course moves at a faster pace and dives deeper into topics and standards. The course is available for college credit. HIST 111 presents the key individuals, events and schools of thought, which have most greatly impacted societal development and world history up to 1650. The target civilizations of study include Oriental, the Middle East, Western Europe, Africa, and the Americas. Discusses the political, economic, social and cultural evolution of human civilization. HIST 112 presents the key individuals, events and schools of thought, which have most greatly impacted societal development and world history since 1500. Studies key movements and events of the periods. Discusses the political, economic, social, and cultural evolution of civilization. *Students must qualify for the college credit to take this version of the course.*

Hobart University






HIST 111	World Civilization I	3 credits
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Testing Pre-Requisites:

HIST 101: Reading Ready & Writing Ready

****Core Transfer Library Course****

World Languages Department

WORLD LANGUAGE COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70095	French I										9	10	11	12
70096	French II											10	11	12
70097	French III*		W	8						X			11	12
70098	French IV Honors		W	6						X				12
70099	French V Honors		W											12
70100	German I										9	10	11	12
70101	German II											10	11	12
70102	German III*		W	8						X			11	12
70103	German IV Honors		W	6						x			11	12
70105	Spanish I										9	10	11	12
70106	Spanish II											10	11	12
70107	Spanish III*		W	8						X			11	12
70108	Spanish IV Honors		W	6									11	12
70109	Spanish V Honors		W											12

*Weighted points for the third level of a World Language start with the class of 2023.

Students wishing to enroll in the next level of language must complete the previous level of the course with a grade of C- or higher. For example, you must earn a C- in Spanish I to move on to Spanish II. Testing out of world languages is possible for Levels I and II. See the World Language Department Chair or Guidance Office for more information.

FRENCH I (70095)

Grades 9-12/2 semesters

French I students understand strategies and reasons for learning a world language while developing an understanding of the language, people, culture, and geography of the French-speaking world. Participating in simple, guided conversations, students ask and answer questions, respond to and give simple oral directions, use appropriate forms of address. Conversation topics include daily routines and events, sports, activities, hobbies, school, time, weather, seasons, and food. Students read words, phrases, and simple directions such as those on menus, signs, and schedules. Students write simple response phrases and sentences to various authentic situations such as a letter from a pen pal. Students write and present creative dialogues. Students understand cultural topics including the typical school day and activities for teenagers, holidays, sports, food, the euro, and historical sites.

FRENCH II (70096)

Grades 10-12/2 semesters

French II students participate in simple conversations asking and responding to questions, telling about present and past personal experiences, and expressing preferences. Conversation topics include family, meals, daily activities,

clothing, vacation, travel, and transportation. Students understand simple readings on familiar topics. Students respond in writing to letters and directions. Students write and present creative dialogues with further emphasis on pronunciation and intonation.

FRENCH III (70097)

Grades 11-12/2 semesters

French III students participate in conversations expressing preferences, feelings, advice, suggestions, sympathy, and congratulations. Conversation topics include homes, shopping, nature, health, and weekend and leisure time activities. Students understand authentic readings such as cartoons, poetry, and lyrics. Students write brief compositions; they also write and present creative dialogues.

Hobart University

FREN 101	French Level I	4 credits
FREN 102	French Level II	4 credits

Testing Pre-Requisites:

FREN 101: Reading Ready & Writing Ready or Senior Waiver
FREN 102: FREN 101 with a grade of "C" or higher

Core Transfer Library Courses

FRENCH IV HONORS (70098)

Grades 12/2 semesters

French IV students use French to read, discuss, and write about French short stories, poetry, a novel, and historical texts. Students create and present interpretive skits based on the reading selections. Students role-play daily situations from the French-speaking world. As a culminating project, students write and present an illustrated short story in which fine points of grammar and vocabulary are synthesized.

Hobart University

FREN 201	French Level III	3 credits
FREN 202	French Level IV	3 credits

Testing Pre-Requisites:

FREN 201: FREN 102 with a grade of "C" or higher
FREN 202: FREN 201 with a grade of "C" or higher

****Core Transfer Library Courses****

FRENCH V HONORS (70099)

Grade 12/2 semesters

French V students use French to read, discuss, and write about French short stories, poetry, a novel, and historical texts. Students create and present interpretive skits based on the reading selections. Students role-play daily situations from the French-speaking world. Student's research and present cultural projects selected from historical and contemporary events, major historical and artistic figures, and major literary and artistic movements from the French-speaking world. As a culminating project, students write and present an autobiography in which fine points of grammar and vocabulary are synthesized.

GERMAN I (70100)

Grades 9-12/2 semesters

In German I students will learn and apply basic German listening, speaking, reading and writing skills in a context of everyday life situations. Students will also develop an understanding of the German culture and people. In particular, students will respond to and give oral directions, make routine requests in the classroom, and tell about daily routines and events. They will ask and answer simple questions and participate in brief guided conversations, interviews, or skits. Students will read words and phrases in texts such as menus, signs, and schedules and will also read short narrative texts and dialogues. They will follow basic written instructions and write words, phrases, and simple responses. In addition, students will learn about cultural aspects of the German-speaking countries, important holidays, and geographical features as well as current events. They will learn about contributions Germans have made to the United States and about famous Germans and German-Americans. Additionally, they will learn about nonverbal communication and appropriate etiquette in a variety of social settings. Students will be instructed to apply effective strategies for language learning as part of this course.

GERMAN II (70101)

Grades 9-12/2 semesters

In German II, we continue our focus on real-life German. Students will expand on their basic German listening, speaking, reading, and writing skills. Throughout this course, students will be able to ask questions on everyday activities, participate in various topics of conversation, relate simple experiences, express preferences, and interact in situations where someone asks for permission, help or information. They will understand simple texts on familiar topics, read aloud with appropriate pronunciation and intonation, and write brief situational responses such as notes, directions, and letters. Significant historical events in Germany, Austria and Switzerland are highlighted, and students will learn about geographical features of these countries as well as their political structures. They will become familiar with traditions in art, architecture, literature, and music as well as with the etiquette of hospitality and social engagements.

GERMAN III (70102)

Grades 10-12/2 semesters

German III further introduces students to the arts, literature and current events in the German-speaking countries. The

course continues to expand students' ability to carry on a conversation in a variety of settings and their ability to respond and participate appropriately in various social situations, family events and celebrations, and crisis situations. Students will read a variety of authentic materials from popular media and traditional literature. They will complete authentic forms and take notes using familiar vocabulary and structures. They will also write brief compositions and summaries. Students will describe aspects of German culture, using German where appropriate.

Hobart University

GERM 101	German Level I	4 credits
GERM 102	German Level II	4 credits

Testing Pre-Requisites:

GERM 101: Reading Ready & Writing Ready
GERM 102: GERM 101 with a grade of "C" or higher

****Core Transfer Library Courses****

GERMAN IV HONORS (70103)

Grades 11-12/2 semesters

German IV students are expected to speak and write German throughout the class. They are also expected to assume leadership roles in the German Club and to use opportunities to engage in extra-curricular activities related to German. Students in German IV will be able to interact in complex social situations, express opinions and paraphrase what someone else has said. They will read longer authentic materials and write longer, well-organized compositions on a given topic. They will also use German creatively in writing simple poetry and prose. They will give presentations on cultural topics and are aware of Germany's major literary, musical and artistic periods and genres. Students will also solidify their knowledge of the finer points of grammar in anticipation of taking college entrance exams.

Hobart University

GERM 201	German Level III	3 credits
GERM 202	German Level IV	3 credits

Testing Pre-Requisites:

GERM 201: GERM 102 with a grade of "C" or higher
GERM 202: GERM 201 with a grade of "C" or higher

****Core Transfer Library Courses****

SPANISH I (70105) - Spanish I

Grades 9-12/2 semesters

In Spanish I students will learn how to ask and answer simple personal questions about themselves and others in order to participate in basic guided conversations. They will discuss the weather, tell time, locate people and things, and tell the date. They will learn how to express likes and dislikes, describe family members and friends, and ask one's age. They will report and make plans for weekend activities. They will understand schedules and learn how to make monetary exchanges. Students will explore the cultures of Spain, Mexico, and Spanish speaking areas of the United States and other parts of the world to enhance their appreciation of the culture and help them, when presenting classroom skits and writing more descriptive compositions. Modern videos and computer programs will enable students to observe and compare typical activities for teenagers. Experiencing typical cuisine and making an original cultural project will further enhance their appreciation of the culture. They will comprehend short texts on guided topics; write descriptions, and present dialogues. Students are encouraged to enhance

these skills by practicing with others.

SPANISH II (70106)

Grades 9-12/2 semesters

Spanish II will provide students opportunities to participate in both classroom and real-world scenarios. Students will build upon and strengthen their oral fluency through daily participation, dialogues and presentations. Students will also increase their ability to express cultural awareness, thoughts, opinions and beliefs through written assignments. Students will be able to express personal preferences and opinions, as well as ask others about theirs. Students will be able to actively participate in phone conversations, as well as give and receive invitations to a variety of events. Students will gain experience and knowledge of proper oral articulation. Students will be presented with native speakers engaged in dialogues using authentic audio material. This exposure will help students develop listening comprehension and oral skills. Students will continue to develop their ability to use context clues in order to decipher the meanings, morals and purposes of readings, passages and dialogues. Students will learn about and be able to make comparisons regarding cultural differences in eating customs, lifestyles and family structures. Students will also gain respect and awareness for other cultures. Students will learn about colloquialisms through their study of dialogues, readings and customs from different Spanish-speaking countries. Students will learn about meeting personal needs by being able to ask for help and respond to situations where they are required to assist others. Students will learn to give directions and orders as well as listen to and complete given directions. Additionally, students will learn to order from a simple menu at a restaurant. Students will develop their ability to communicate ideas, experiences, feelings, beliefs and desires through the use of present and past verb tenses.

SPANISH III (70107)

Grades 10-12/2 semesters

Spanish III students will engage in daily conversations related to school situations, free-time activities, and formal and informal requests. Students will understand cultures of the Spanish-speaking world with emphasis on Spain, Mexico, the Caribbean, and regions in the United States. Topics will include family, traditions, travel, daily routines, foreign study, celebrations and art. Students will continue to develop their grammar skills with emphasis on the present, past, and imperfect verb tenses. Oral and written communication will be enhanced by student participation in dialogues, simulations, and thematic writing prompts. Students will be encouraged to express their feelings, ideas, and experiences by conversing with others to enhance their current language skills.

Hobart University

SPAN 101	Spanish Level I	4 credits
SPAN 102	Spanish Level II	4 credits

Testing Pre-Requisites:

SPAN 101: Reading Ready & Writing Ready or Senior Waiver
SPAN 102: SPAN 101 with a grade of "C" or higher

****Core Transfer Library Courses****

SPANISH IV HONORS (70108)

Grades 11-12/2 semesters

On this level, Spanish will be the means of communication for all. In reading and discussing Spanish and Mexican legends, they will gain valuable knowledge of these two cultures. Through the study of famous leaders and their talents, they will become aware of Hispanic contributions to society. They will explore Spain and Mexico in depth, including the musical and artistic works of outstanding artists from those countries. Students will also experience and share the culture by preparing ethnic dishes and creating an original visual project. They will continue to learn and use new grammar and expand their knowledge of the verb tenses to practice them both in speaking and writing. These honor students will write Spanish essays and give speeches on specified topics as well as use their skills to write and illustrate an original short story. They will increase their vocabulary in a variety of situations and expand their grammar in preparation for taking college placement exams through role-playing real life situations. Students will be encouraged to seek opportunities to practice the language and to participate in extracurricular activities to continue to learn and grow. All assignments are submitted through Canvas.

Hobart University

SPAN 201	Spanish Level III	3 credits
SPAN 202	Spanish Level IV	3 credits

Testing Pre-Requisites:

SPAN 201: SPAN 102 with a grade of "C" or higher
SPAN 202: SPAN 201 with a grade of "C" or higher






****Core Transfer Library Courses****

SPANISH V HONORS (70109)

Grade 12/2 semesters

On this level Spanish will be the means of communication for all. Spanish V will provide advanced Spanish students with opportunities to polish and practice both their spoken and written Spanish, while continuing to build on their grammar skills. They will demonstrate understanding of authentic prose and poetry originating in a variety of Spanish speaking countries. Through research they will gain knowledge of the twenty Spanish-speaking countries and their cultures. They will resume their study of famous Spanish speakers from around the Hispanic world to see how they have made an impact on society. They will write autobiographies in addition to writing essays and a poem on given topics to express their thoughts, emotions, and feelings. They will continue to learn more complex grammatical concepts and learn new vocabulary used in a variety of locations in preparation for college placement exams. Through role-playing real life situations, students will reinforce necessary vocabulary to communicate effectively. Outside of the classroom, students will be encouraged to converse with Spanish speakers, whenever possible. Once again, students will prepare a typical ethnic dish to share with the class and create a visual to teach their classmates about an aspect of the Hispanic culture. All assignments are submitted through Canvas.

Miscellaneous Courses

MISCELLANEOUS COURSES		R	W	D	#						Grade Level			
											9	10	11	12
70218	Criminal Justice I			6			X		X			10	11	12
70217	Criminal Justice II			6			X		X				11	12
70209	Education Professions I			6			X		X				11	12
70210	Education Professions II			6			X		X				11	12
70214	Student Assistant												11	12
70213	Study Hall										9	10	11	12
70184	Work-Based Learning						X						11	12

CRIMINAL JUSTICE I (70218)

Grades 10-12/2 semesters

Introduces specialized classroom and practical experiences related to public safety occupations such as law enforcement, loss prevention services, and homeland security. This course provides an introduction to the purposes, functions, and history of the three primary parts of the criminal justice system as well as an introduction to the investigative process. Oral and written communication skills should be reinforced through activities that model public relations and crime prevention efforts as well as the preparation of police reports.

Hobart University

CRIM 101	Introduction to Criminal Justice Systems	3 credits
CRIM 105	Introduction to Criminology	3 credits

Testing Pre-Requisites:

CRIM 101: Reading Ready & Writing Ready

CRIM 105: Reading Ready & Writing Ready

**CRIM 101 is a Core Transfer Library Course;
Transferability is not guaranteed for CRIM 105**

CRIMINAL JUSTICE II (70217)

Grades 11-12/2 semesters

HHS Course Prerequisite: Criminal Justice I

Criminal Justice II introduces students to concepts and practices in traffic control as well as forensic investigation at crime scenes. Students will have opportunities to use mathematical skills in crash reconstruction and analysis activities requiring measurements and performance of speed/acceleration calculations. Additional activities simulating criminal investigations will be used to teach scientific knowledge related to anatomy, biology, and chemistry as well as collection of evidence, developing and questioning suspects, and protecting the integrity of physical evidence found at the scene and while in transit to a forensic science laboratory. Procedures for the use and control of informants, inquiries keyed to basic leads, and other information-gathering activity and chain of custody procedures will also be reviewed.

Hobart University

CRIM 111	Intro to Traffic Enforcement & Investigation	3 credits
CRIM 113	Criminal Investigation	3 credits

Testing Pre-Requisites:

CRIM 111: CRIM 101

CRIM 113: CRIM 101

No Guarantee of Transferability

WORK-BASED LEARNING (70184)

Grades 11-12/1-2 semesters

Application Required

Work Based Learning is an instructional course / component

of any CTE course that prepares students for college and career. This builds students' skills and knowledge in their chosen career path or furthers their study within the area of interest. A standards based training plan is developed by the student, teacher, and workplace mentor to guide the student's work based learning experiences and assist in evaluating achievement and performance. In the stand-alone WBL courses, students have the opportunity to apply the concepts, skills, and dispositions learned in previous coursework in their pathways in real world business and industry settings. Therefore, at least two courses in a student's pathway would be prerequisite to the student enrolling in the stand-alone WBL courses. There are several models of Work Based Learning. A school may choose to use a single model or differentiate instruction by using multiple models depending on a student's pathway and career objectives. The models are: Apprenticeship, Cooperative, Internship, School Based Enterprise, Service Learning Based

- Required Prerequisites: 4 credits of introductory and advanced courses related to a student's pathway.
- Be a junior or senior.
- Have NO failing grades in the preceding semester.
- Maintain a good record of attendance and timeliness. This means your attendance does not exceed the allowed amount; you have NO truancies, and few or no tardies.
- Have no significant disciplinary problems.
- Have an idea of where you want to intern and why

EDUCATION PROFESSIONS I (70209)

Grades 11-12/2 semesters

HHS Course Corequisite: Must also be enrolled in or have completed English 11 Honors

Education Professions I provides the foundation for employment in education and related careers and prepares students for study in higher education. An active learning approach that utilizes higher order thinking, communication, leadership, and management processes is recommended in order to integrate suggested topics into the study of education and related careers. The course of study includes, but is not limited to: the teaching profession, the learner and the learning process, planning instruction, learning environment, and instructional and assessment strategies. Exploratory field experiences in classroom settings and career portfolios are required components. A standards-based plan guides the students' field experiences. Students are monitored in their field experiences by the Education Professionals I teacher.

Hobart University

EDUC 101	Introduction to Teaching	3 credits
EDUC 121	Child and Adolescent Development	3 credits

Testing Pre-Requisites:
EDUC 101: Reading Ready and Writing Ready
EDUC 121: Must have a grade of "C" or higher in ENGL 111

****No Guarantee of Transferability****

EDUCATION PROFESSIONS II (70210)

Grades 11-12/2 semesters

HHS Course Prerequisite: Education Professions I

Education Professions II prepares students for employment in education and related careers and provides the foundation for study in higher education in these career areas. An active 101 Indiana Department of Education High School Course Titles and Descriptions learning approach that utilizes higher order thinking, communication, leadership, and management processes is recommended in order to integrate suggested topics into the study of education and related careers. The course of study includes, but is not limited to: the teaching profession, the learner and the learning process, planning instruction, learning environment, and instructional and assessment strategies. Extensive field experiences in one or more classroom settings, resumes, and career portfolios are required components. A standards-based plan guides the students' field experiences. Students are monitored in their field experiences by the Education Professions II teacher.

Articulation with post-secondary programs is encouraged.

Hobart University

EDUC 233 Literacy Development through Children's Lit 3 credits

Testing Pre-Requisites:
EDUC 233: EDUC 101

****No Guarantee of Transferability****

STUDY HALL (70213)

Grades 9-12/1-2 semesters/0 CREDITS

Study Hall allows students time to complete homework, study, prepare for classes or receive extra help.

STUDENT ASSISTANT (70214)

Grades 11-12/1-2 semesters

Students assist teachers & office personnel on various tasks. This is a NO CREDIT situation & cannot be taken in combination with a study hall during the same semester(s).

- Have a 2.0 grade point average with NO failing grades (Cumulative GPA on current transcript).
- Maintain a good record of attendance and timeliness. This means your attendance does not exceed the allowed amount; NO trancies, and few or no tardies.
- No significant disciplinary problems

Blended Learning

Students are required to take these courses.

Grade 9—Preparing for College & Careers

Preparing for College and Careers addresses the knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values, and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work; and managing personal resources. This course includes reviewing the 16 national career clusters and Indiana's College and Career Pathways, in-depth investigation of one or more pathways,

reviewing graduation plans, developing career plans, and developing personal and career portfolios. A project-based approach, including computer and technology applications, cooperative ventures between school and community, simulations, and real life experiences, is recommended.

Grades 10-12: Interactive Media

Interactive Media prepares students for careers in business and industry working with interactive media products and services; which includes the entertainment industries. This course emphasizes the development of digitally generated or computer-enhanced products using multimedia technologies. Students will develop an understanding of professional business practices including the importance of ethics, communication skills, and knowledge of the "virtual workplace".

Hobart University Off-Campus Programs

HOBART UNIVERSITY OFF-CAMPUS PROGRAMS		R	W	D							Grade Level			
											9	10	11	12
HU5524	Aviation Flight			3+									11	12
HU5616/HU561P	Energy Technology			3+								10	11	12
MA5284	Medical Assisting			3+										12
HU5214	Pharmacy Technician			3+										12
HU5284	Pre-Nursing (CNA)			3+										12
HU5608	Chemical Process Operations			3+										12

ENERGY TECHNOLOGY (HU 5616/HU561P)

Grades 10-12/2 semesters (this is a half-day program at Ivy Tech Campus in Valparaiso over 3 school years; the first semester of the program starts at HHS)

Students in the Energy Technology program at Ivy Tech are able to participate in a wide variety of hands-on learning activities including, building and maintaining wind turbines, performing energy audits, wiring electrical circuits and generation systems, and even designing and installing solar photovoltaic systems. Students will be able to work in the laboratory where they will collect data on electrical generation system and wire up, design, install and build new systems. Our students maintain, build, assess and design wind turbines systems, energy storage systems, solar photovoltaic systems, solar thermal systems and geothermal systems. Our graduates also design smart grid homes, are grid operators, power linemen, power plant operators and electricians.

MEDICAL ASSISTING (MA5284)

Grade 12/2 semesters (this is a half day program at Ivy Tech in Crown Point)

HHS Course Prerequisite(s): Minimum of "B" in both Anatomy & Physiology and Medical Terminology; Students must be 17 years old by the start of senior year

A medical assistant is a medical professional who is responsible for working alongside physicians in outpatient and ambulatory care facilities, such as medical offices and clinics. The Medical Assisting program offered through Hobart University includes exciting hands-on learning where student simulations are as "real-life" as possible. Students in the program have the opportunity to participate in an externship in the community as well! The medical assisting program's classes focus on patient care, venipuncture, electrocardiogram, vital signs, injections, medical coding, electronic charting and medical records. Students will learn in a variety of settings, including a computer lab, phlebotomy lab, laboratory skills lab, and clinical skills labs. Most students graduating with a degree in Medical Assisting enter the workforce after graduation at doctors' offices and hospitals.

PHARMACY TECHNICIAN (HU5214)

Grade 11-12/2 semesters (This program can be started at Hobart High School and finished at Ivy Tech)

HHS Course Prerequisites: Minimum of "B" in both Anatomy & Physiology and Medical Terminology; Students must be 18 by the time they graduate high school

A pharmacy technician works closely with pharmacists to help prepare and distribute medicines to patients. While in the

pharmacy technician program offered through Hobart University, students receive individualized instruction and assistance as they work on state-of-the-art equipment. In many pharmacies, technicians screen prescription orders for accuracy and completeness, prepare prescriptions by retrieving, counting, pouring, weighing, measuring, and sometimes mixing the medication, and also use technology to help maintain accurate patient records, prepare and package medications, and place orders. Pharmacy technicians work in hospitals, assisting living facilities, drug and grocery stores, and mail order pharmacies.

PRE-NURSING (C.N.A.) (HU5284)

Grade 12/2 semesters

HHS Course Prerequisites: Minimum of "B" in both Anatomy & Physiology and Medical Terminology

The pre-nursing program offered through Hobart University prepares students to become a CNA – a Certified Nursing Assistant. CNAs helps patients with healthcare needs under the supervision of a Registered Nurse (RN) or a Licensed Practical Nurse (LPN). CNAs are typically responsible for the general care of their patients. Duties will vary, depending on the specific needs of the patient. The most common responsibilities are taking and recording vital signs such as heart rate and blood pressure; assisting patients to and from their bed or chair as needed; and helping patients with feeding and personal hygiene. CNAs may also assist doctors or nurses during medical procedures. CNAs often work in a wide variety of settings such as hospitals, nursing homes, adult care centers, personal homes, and assisted living facilities. Nursing assistants in these healthcare centers act as a helpful liaison between the RN or LPN and the patient.

AVIATION FLIGHT (HU5524)

Aviation Flight familiarizes students with aviation technology and provides a historic overview of the field. This course also provides an overview of the careers and employment opportunities in the field of aviation. It prepares new student pilots for the maneuvers that are required to be performed during the Practical Test portion of the Private Check Ride. In addition to these maneuvers, the concepts of basic aerodynamics, aircraft systems, instrument operation, weight and balance, flight physiology and a basic working knowledge of aircraft power plants and their construction will be covered.

This is a dual enrollment program with Valparaiso University, where students can take evening courses. The times below are subject to change, and this program is subject to costs by Valparaiso University. Students who take these courses can work out a schedule with their counselor to have a late arrival

to Hobart High School to account for their evening courses.

Grades 11-12 can take AVN 101: Air Transportation and AVN 121: Private Pilot Airplane Ground

Grade 12 can take AVN 122: Private Pilot Airplane Flight and AVN 221: Instrument Airplane Ground which will get students their private pilot's license. There is an additional cost for this course due to Valparaiso University of \$10,900. Although this cost may seem high, students will pay a similar price for obtaining their private pilot's license outside of high school.

Other college courses are suggested for the Aviation Flight program, including: English 11 Honors or English 12 Honors, US History Honors, Pre-Calculus Honors, Trigonometry Honors

CHEMICAL PROCESS OPERATIONS (HU5608)

Grade 12/2 semesters

The program provides a dual-credit opportunity where seniors will earn a Technical Certificate in Process Operations at Ivy Tech. Course work includes topics such as Process Technology, Key Principles in Advancement Manufacturing, Safety, Quality, Introduction to Chemistry & Process Technology to name a few. Students will immediately receive skill sets to successfully prepare them to enter the manufacturing workforce. Praxair will supplement the coursework with classroom visits and plant tours. This program meets 1/2 day in the afternoon at the Ivy Tech in East Chicago. Transportation is provided.

Porter County Career Center

Application Required

PCCTE offers half day vocational programs for juniors and seniors at various Porter County locations in both morning & afternoon sessions. Students earn 3 credits per semester. See your counselor for details. Transportation is provided.

Auto Services Technology I and II

If you enjoy having a talent that few people have and want to know how cars and light duty trucks work, then sign up for this hands-on program. This program will give you the opportunity to work on vehicles and give you a basic understanding of the new technologies and principles necessary to perform repairs on your own vehicle or to prepare for a career in the auto industry. Area businesses are eager to hire bright young people for employment and for apprenticeship programs. Many students have won scholarships for higher education as a result of participating in this program. You should have strong communication and computer skills and be task oriented to be successful in this program.

College Credits Available: AUT1100 Basic Auto Service, AUT1111 Electrical, AUT1141 Engine Repair, AUT1131 Engine Performance, AUT1121 Braking Systems, AUT1122 Steering & Suspension

Algebra is desired.

College Credits Available: NET1105 Network Fundamentals and NET1115 Routing and Switching

Computer Aided Design and Animation I and II

If you're interested in Architecture, Mechanical Design or Animation, then this 1 or 2 year program will help prepare you for a future career. Whether your interest is designing a concept car, creating a video game, or constructing a dream home, CAD designers are needed. Students will make detailed drawings, part models and animations to show exact dimensions and specifications of a project. While using state of the art software for these designs, students will earn college credit. Whether your desire is to work immediately after high school, or work while you're in college, this program will help you accomplish this goal.

College Credits Available: DESN 101 Intro to Design Tech, DESN104 Mechanical Graphics, DESN 105 Architectural Design, DESN113 2-D Computer Aided Design

Certification Available: Certified Solidworks Associate

Certification Available: ASE (Automotive Service Excellence)

Networking Fundamentals

If you are the one everyone turns to for computer advice at home and school, consider signing up for Cisco Networking Academy. Cisco is the world wide leader in networking for the Internet and sponsors this high-tech training program. You will learn to design, build and maintain computer networks. If you successfully complete the 280 hours of instruction, you can take the standardized test to qualify as a Cisco Certified Entry Network Tech. Since the textbook and assignments are all done in front of a computer, good reading skills are essential to being successful in this class. So if you want to learn about OSI, IP addressing, installation of network premise cabling, virtual LAN's, router switching technologies and more, sign up for this high tech career and technical program. Proficiency in

Computer Tech Support

Want to be that go-to person who helps a coworker or client figure out why his or her computer is acting up? As a Computer Tech Support student, you will learn to diagnose and repair computer problems. You will focus on maintenance and security issues. You will install operating systems and software. You will help to restore data. The field of technology is hot. According to CompTIA, there are almost one million open IT positions in the US. Despite their differences on the surface, virtually every industry today depends on IT. From small, family-run businesses to big operations, there are IT careers for students in almost every organization around the globe.

College Credits Available: CMET 140 Computer Maintenance I and CMET 185 Computer Maintenance II

Construction Trades I and II

Do you like to work with your hands? Do you like to work outdoors? Would you like to join a construction crew with your classmates and actually build a house or commercial structure? Then sign up for this program!! You will be given the opportunity to prepare for employment and learn the attitudes and behavior necessary to get a job in this field. If you're interested in gaining pre-apprenticeship training in carpentry, electrical, heating, air conditioning, painting, dry walling, plumbing, and masonry trades, sign up today

Cosmetology

Due to 21st Century advertising trends, fashionable looks for both men and women will remain of great importance. Although styles will change, a cosmetologist's task will remain the same...to help people look attractive. As a service professional, you will be shampooing, cutting, styling, straightening, perming, and coloring hair; giving manicures; providing scalp and facial treatments; and furnishing makeup analysis. At the end of this program, you will be eligible to take the Indiana State Beauty Board Examination. You must begin this program in July after completing your sophomore year and you must be able to attend the entire months of July and August without interruptions. July and August will be considered a probationary period for students entering this program.

Certification Available: State Cosmetology License

Criminal Justice 1

If you are interested in pursuing a career in law, law enforcement, corrections, or a security profession, join the rank and file of the law enforcement careers academy today. There are two different classes you can sign up for either as a junior or senior. The Criminal Justice System class surveys the legal system and the various careers available. You will discuss and be exposed to the process from a suspect being questioned to the convicted being placed in prison. In the Criminal Investigations class, you will study evidence collection, interview techniques, and proper documentation. Each class invites numerous guest speakers and takes several field trips. In order to enroll, you should possess personal characteristics such as honesty, good judgment, integrity and a sense of responsibility.

College Credits Available: CRIM 101 Introduction to Criminal Justice Systems and CRIM 105 Introduction to Criminology

Criminal Justice 2 (Investigations)

If you are interested in pursuing a career in law, law enforcement, corrections, or a security profession, join the rank and file of the law enforcement careers academy today. There are two different classes you can sign up for either as a junior or senior. The Criminal Justice System class surveys the legal system and the various careers available. You will discuss and be exposed to the process from a suspect being questioned to the convicted being placed in prison. In the Criminal Investigations class, you will study evidence collection, interview techniques, and proper documentation. Each class invites numerous guest speakers and takes several field trips. In order to enroll, you should possess personal characteristics such as honesty, good judgment, integrity and a sense of responsibility. You may be eligible to earn college credits for the successful completion of each

class.

College Credits Available: LAWE 101 Basic Police Operations and LAWE 145 Ethics & Professionalism in Criminal Justice

Culinary Arts

Having a reputation for preparing and serving fine food is an asset to any establishment, whether it prides itself on "home cooking" or exotic foreign cuisine. If you delight in "cooking up a storm," give this program a chance. The food service industry is expecting to expand faster than the average for all occupations well into the 21st century. As you sign up for this program, expect to be working with master chefs and practicing the art of cooking and serving.

College Credits Available: HOSP 101 Sanitation & First Aid and HOSP 102 Basic Food Theory & Skills

Dental Health

You'll have a lot to smile about when you begin a dental internship as a high school student and earn high school credit at the same time. You'll have the opportunity to work side by side with a dentist or in a dental laboratory and learn many skills that will give you a head start to a successful career. If you are interested in learning more about dentistry, oral anatomy, x-rays, dental instruments, and lab procedures, then sign up today for this program.

College Credits Available: H242 Intro to Dentistry

Diesel Technology

Diesel technology has changed a lot in recent years. Diesel technicians today need formal training in the latest diagnostic equipment and must possess good reading and math skills in order to follow detailed service manuals and work with computer based software. Skilled diesel technicians are in demand today. So, if you are interested in working on diesel fueled trucks and large heavy equipment, then sign up for this program today. This program is ASE/NATEF certified.

College Credits Available: DESL130 Diesel Engine Systems and DESL110 Diesel Electrical

Early Childhood Education Careers Program

The world of four and five years olds is filled with wonder and excitement. The Education and Early Childhood Program is designed to help you learn about all of the skills you will need for employment in this field. In Hobart High School's, Brickie Kidz Preschool, you will experience direct interaction with a Prekindergarten class, under the supervision of a licensed teacher. You will learn how to prepare lesson plans and classroom activity centers. You will observe children as they play through the one-way mirrors between the classroom and the observation room for their various characteristics and behaviors. This classroom experience guarantees you hands-on time with the children. If you truly enjoy working with young children and are planning to seek employment in this area this is the program for you!

College Credits Available: ECED 100 Introduction to ECE, ECED 101 Health, Safety & Nutrition, ECED 103 Curriculum in Early Childhood, ECED 105 CDA Process

Certification Available: Child Development Associate (CDA)

Electronics and Computer Technology

Your future is bright if you wish to enter this field as a career. Employment opportunities are expected to increase faster than the average rate for all occupations due to an increased demand for computers, communications equipment, military electronics, and electronic consumer goods. If you choose this "hands-on" program, you'll have the opportunity to work on amplifiers, computers, fiber optics, robotics, two-way radio communications and much more.

College Credits Available: ELEC105 Electronic Circuit Analysis I, ELEC115 Electronic Circuit Analysis II, INDT113 Basic Electricity, ELEC130 Digital Logic I, INDT103 Motors & Motor Controls

Certification Available: ACE (Associate Certified Electronics Technician)

Emergency Rescue Technology Academy

The students enrolled in the program will have many unique opportunities. Students will learn to **take care of critically ill and injured patients** through lecture, lab, and clinical experiences, and develop strong communication and leadership skills that will last a life time. This fast-paced and challenging course is taught in a relaxed college atmosphere and requires extensive hands-on training. Students will be responding on fire apparatus and ambulances on actual emergency calls. Students will be exposed to various aspects of the fire service and emergency medical services. Additional topics covered include; orientation to fire department operations, arson investigation, Mandatory Firefighter, vehicle extrication, injury prevention and technical rescue. In order to enroll you should possess personal characteristics such as honesty, good judgment, respect for human dignity and a strong sense of ethics. Upon completion of the program, students are eligible to obtain state certification as an **Emergency Medical Technician** from a nationally accredited program. Students may also receive credentialing as a **Firefighter** and eligible to Apply as a firefighter. You may be eligible for 6 credit hours from Vincennes University. Students may also continue in a two-year EMS Associate Degree Program to become a **Paramedic**.

College Credits Available: PARM 102 Emergency Medical Technician

Certification Available: Emergency Medical Technician

Entrepreneurship / Sports & Entertainment Marketing

Sports & Entertainment Marketing Business Ownership Lab. If you are a team player and don't want to be a spectator in life, participate in your business career now. You will learn how to develop sporting event promotions like the professionals do, open and operate a local business and earn credits in three different courses. You earn economics credit, business ownership credit, sports and entertainment marketing credit as well as six college credits. So if you are a "people person", experience the excitement of owning, operating, and managing your own business while still in high school!

College Credits Available: BUSN 101 Intro to Business and MKTG 101 Principles of Marketing

Fire and Rescue

Want to help others on some of the worst days of their lives? People in towns large and small count on their volunteer and paid firefighters in a variety of ways. This class at the state-of-the-art Multi Agency Academic Cooperative (MAAC) Emergency Services Training Facility will help you prepare with the physical and mental requirements to be a firefighter. You should, above all, be willing to help others. You should have sound judgement, strong moral values and respect for humanity. You should have the ability to communicate well though reading, writing, and speaking. You should be 17 years old by May 15 of the year when you are in the course. You will need to provide a state-issued photo ID. You might want to pair this course with an EMS or law enforcement class while still in high school. Indiana State fire certifications may include: Mandatory, Firefighter, Hazardous Materials Awareness, and Hazardous Materials Operations.

College Credits Available: HSPS 165 Firefighter I, HSPS 167 Firefighter 2, HSPS 106 Fire Suppression, HSPS 121 Hazmat

Fundamentals of Sports Medicine

Sign up for Fundamentals of Sports Medicine if you'd like a hands-on class that will teach you techniques to help others prevent and treat sports injuries. You might find yourself going on to be an athletic trainer, physical therapist or other health care professional by earning the appropriate college degree (s). Students in the class learn about anatomy, first aid, CPR, vital signs, and the prevention and treatment of sprains, strains and other ailments. They get an opportunity to work side-by-side with a certified athletic trainer and get a chance to decide if this is the field for them. The field is expected to grow much faster than average through at least 2018.

Graphic Imaging Technology

In years to come, opportunities for a career in this field will be great due to the advancement of technologies and anticipated growth in advertising, public relations, and print communications. You'll be able to see your name in print by signing up for this program. Learn how the industry functions and follow an idea through the creative stages, layout, and production by using the offset printing process. If you sign up for this program, you will be prepared for an entry-level position in the graphic communications industry.

Health Careers- Health Science Education 1

Can you stay calm during an emergency situation? Can you control your emotions in the event of an accident? Would you be able to help a stray dog needing assistance? Could you imagine working in a dental office? If the answer to any of these questions describes you, then you might be the emphasis on anatomy and physiology as well as medical terminology. You can earn a science credit along with an elective credit! The instructors and professional health care staff work together to teach lessons that complement one another and provide many "hands on" opportunities. You also have an opportunity to earn dual credit at Indiana University Northwest in Gary, Indiana and at any one of the many Indiana locations of Ivy Tech Community College. This course requires that all students, participating in clinical experiences at hospitals and community clinics, must submit records verifying current immunizations in HBV and submit a current TB test.

College Credits Available: HLHS 100 Intro to Health Careers and HLHS 101 Medical Terminology

Health Science Education II—Health Occupations

If you're looking for the opportunity to succeed and have dreams of helping others, then focus on this career. Growth patterns for employment in this field are projected to increase through the year 2010. This program will equip you with a working knowledge of different occupations within the medical field. You'll learn the skills and procedures necessary to function in such health agencies as hospitals, nursing homes, or doctors' offices. You can also use this education as a stepping stone to pursue further education in the medical field. And, if you qualify, you'll even receive a State Nurse Aide Certificate.

College Credits Available: HLHS 101 Medical Terminology and HLHS 107 CNA Preparation

Horticulture Science and Landscape Management

If you like working with plants and designing landscapes, then this is the career and technical program for you. An onsite greenhouse will give you hands on experience in areas of plant production, installation, marketing, and management of landscape plants and products. You will also learn to use Pro Landscape, the latest CAD software program to create landscape designs. You will enjoy extended field trips several times a month to explore all career areas and apply newly learned skills in landscape design and plant science.

College Credits Available: AGRI116 Survey of Horticulture and AGRI164 Landscape Management I

Industrial Mechanics

Sign up for the Industrial Mechanics course if you are interested in a welding or manufacturing career. You will spend about twenty-five percent of your class time learning the three basic welding processes, which include stick welding, wire welding and Tig welding. You will also learn to operate the plasma arc machines. Industrial mechanics install machinery, use precision measuring devices and operate complex tools, in a variety of manufacturing businesses. The industrial mechanic is the key problem solver in the workplace. Sign up for this class because it will give you a "jumpstart" in your manufacturing career.

Precision Machining

If you have an interest in a manufacturing career, you should check out the Modern Machining Technology class. You will learn basic machining techniques, CNC machining, computer aided machining (CAM), quality control processes and basic mechanics. At the completion of the program, you will be prepared for a career in machining or a step ahead at any engineering major at college. You can earn articulated or dual credit in college by participating in this program. Sign up

today.

College Credits Available: PMTD110/L Manufacturing Processes w/lab and PMTD120 General Machines

Video Production & Media Studies

Do you want to know how to produce a TV show, be a news reporter or shoot and edit your own films? Would you like to be on the cutting edge in the communications field? If these are career paths that are appealing to you, then consider signing up for this program. Video Production and Media Studies will provide instruction in various communication, media, production, and technical functions and tasks performed by employees, including management personnel, in broadcasting and communications occupations. Emphasis will be placed on career opportunities, production, programming, announcing, equipment operation, news and sports casting, broadcasting regulations and laws, technical, oral/written communication, and listening skills. Video Production and Media Studies students will learn the five components of television: camera operations, audio, lighting, writing, and editing. Students will have the opportunity to learn editing, directing, producing, camera operation, audio and lighting. You will train on professional equipment, creating a variety of video projects, including music videos, commercials, and short films. Students should have a strong interest in fine arts, speech, production, journalism, and electronics.

College Credits Available: BCST 102 Introduction to Audio Video and BCST 140 Video Production I

Welding Technology

A trained welder has many opportunities in Northwest Indiana for a rewarding career in industry, construction, small job shops, or self-employment. You'll learn how to join metal parts by using a heating process during the course of this program. The experienced welder makes excellent wages, but must be willing to work under conditions that often require strenuous physical activity. Just remember, at the completion of this program, you'll be ready for employment.

College Credits Available: WELD 100 Welding Fundamentals, WELD 108 Shielded Metal Arc 1, WELD 109 Oxy Fuel Cut/Weld, MATH 122 Applied Tech Math, WELD 207 Mig Welding 1, WELD 206 Shielded Metal Arc Welding 2, WELD 208 TIG Welding, WELD 210 Welding Fabrication 1, WELD 272 Gas Metal MIG Weld. 2

Certification Available: American Welding Society Certification

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