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**Allegan Public Schools**  
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Students and their parents/guardians are encouraged to review the contents of this guide carefully. Through career awareness activities, we need to work together to help ensure that students select the most challenging courses to meet their post-secondary needs.

## **Allegan High School Mission Statement**

Students, staff, parents, and community will work together to provide a safe and nurturing environment for everyone so that they may attain their full potential as positive, productive citizens. In the light of an ever-changing world, each student will be provided with the opportunity to develop the necessary skills to succeed in our global society. Recognizing that education is a continuing process, we commit to this mission.



## GRADUATION REQUIREMENTS

To graduate from Allegan High School, one must accumulate the appropriate amount of credits (see below) while satisfactorily completing a minimum of six (6) hours of course work per trimester during the twelve trimesters of enrollment in grades nine through twelve. Students, in addition to their elective courses, must earn the following credits:

Completion of language arts requirements including the following:

- 9<sup>th</sup> grade language arts
- 10<sup>th</sup> grade language arts
- 11<sup>th</sup> grade language arts
- 12<sup>th</sup> grade language arts

Completion of mathematics requirements including the following:

- Algebra I or equivalent
- Geometry or equivalent
- Algebra 2 or equivalent
- 1 additional year of mathematics (if necessary)

NOTE: 1 credit of mathematics or a math-related topic  
Must be taken in the senior year

Completion of science requirements including the following:

- Biology or Honors Biology
- Completion of 2 of the 3 Courses listed below:
  - Chemistry or AP Chemistry
  - Physics or AP Physics
  - Earth Science

Completion of social studies requirements including:

- 9<sup>th</sup> Grade Social Studies
- 10<sup>th</sup> Grade Social Studies
- Economics
- Government

½ credit of Physical Wellness

½ credit of health

1 credit of visual, performing, or applied arts

½ credit of computer education  
(meets online Learning experience requirement)

2 credits of World Languages (Must be in the same language)

In addition to the course work, students must complete twenty (20) hours of community service during their high school career. The service must be approved by the high school administration or counseling department; see back of community service application for specific guidelines.

In order to be eligible to participate in graduation or graduation activities, students must actively participate in the Michigan Merit Exam. This means that students must demonstrate that they are working and applying themselves to their maximum potential on the exam.

### Class Designation for Students beginning with the Class of 2020

In order to be considered a sophomore, a student must earn at least 6 credits.

In order to be considered a junior, a student must earn at least 15 credits.

In order to be considered a senior, a student must earn at least 23 credits.

In order to graduate, a student must earn at least 33 credits of the 36 credits possible while enrolled in grades 9-12.

## Regulations

1. A one (1) period class successfully completed for one (1) trimester earns one-half (1/2) unit of credit.
2. A student may not enroll in a course after approximately one week has elapsed at the beginning of any trimester (transfer students excepted). The Principal will announce the closing date of enrollment or class changes.
3. The Principal will announce the closing date for dropping a class. A student may not drop a class after the closing date is announced. Any class dropped after the closing date will be entered in the permanent record with a grade of an F. Any exception to the rule on class drops and the grade recorded must have administrative approval.
4. Any student wishing to drop a 2 or 3 trimester course at the end of the first or second trimester must present a drop slip to the teacher of that course. The teacher may require a conference with the student and/or parent before the drop slip is signed.
5. Only those seniors who have passed all of the required courses, accumulated all of the necessary credit, and completed required community service shall be allowed to participate in the Commencement exercises.
6. Evaluation of residency and credits for the purpose of granting an Allegan High School diploma shall be the prerogative of the Senior High Principal. Correspondence courses will not be accepted for credit.
7. The Board of Education expects all eligible seniors to participate in Commencement exercises.
8. To be in compliance with Public Act 335, Section 1279, all students may request the opportunity to test out of any class offered at Allegan High School. Students who test out must exhibit a level of mastery of the subject matter of the course by attaining a grade of not less than 77% on a final exam of the course or if there is not final exam, by exhibiting mastery through other forms of assessment as set by the department. No grades will be granted for classes waived by testing out.

## Advanced Placement

Advanced Placement courses are college-level courses taught at the high school by trained high school teachers. AP courses are given a weighted grade if a student achieves a grade of C- or better. Students are strongly encouraged to take the AP exam offered at the end of each course. AP Exams are scored 1,2,3,4, or 5 with 5 being the highest score. Most colleges recognize AP exam scores and award students with college credit or a higher placement in a subject area. See each college for their AP exam policy. AP exam fees are the responsibility of the student.

## College Preparatory Curriculum

Since graduation from high school does not ensure college admission, students and parents interested in college admission should be sure that the student takes the courses required for admission to the college of his/her choice. The following is a suggested program of study for college admissions.

# of Years	SUBJECT
4	English
3	Mathematics ( <i>4 years strongly recommended</i> )
3	Sciences ( <i>4 years strongly recommended</i> )
3	Social Studies
2-3	World Languages ( <i>varies among colleges</i> )
2	Fine and Performing Arts
1	Computer Education

Each of the universities will continue to have their own GPA and/or ACT/SAT score admission guidelines.

## CAREER PATHWAYS

What are the Six Career Pathways?	Is this the Pathway for you?
<p><b><u>Arts and Communication:</u></b> Careers in this path are related to humanities and performing, visual, literary and media arts. These include architecture; graphic, interior, and fashion design; writing; film; fine arts; journalism; languages; media; advertising; and public relations.</p>	<p>Are you a creative thinker? Are you imaginative, innovative and original? Do you like to communicate ideas? Do you like making crafts, drawing, playing a musical instrument, taking photos or writing stories? This may be the career path for you!</p>
<p><b><u>Business, Management, Marketing and Technology:</u></b> Careers in this path are related to the business environment. These include entrepreneurship, sales, marketing, computer/information systems, finance, accounting, personnel, economics and management.</p>	<p>Do you enjoy being a leader, organizing people, planning activities and talking? Do you like to work with numbers or ideas? Do you enjoy carrying through with an idea and seeing the end product? Do you like things neat and orderly? Would you enjoy balancing a checkbook, following the stock market, holding an office in a club, surfing the Internet? This may be your career path!</p>
<p><b><u>Engineering/Manufacturing and Industrial Technology:</u></b> Careers in this path are related to technologies necessary to design, develop, install and maintain physical systems. These include engineering, manufacturing, construction, service and related technologies.</p>	<p>Are you mechanically inclined and practical? Do you like reading diagrams and blueprints, and drawing building structures? Are you curious about how things work? Would you enjoy painting a house, repairing cars, wiring, electrical circuits or woodworking? This may be the career path for you!</p>
<p><b><u>Health Sciences:</u></b> Careers in this path are related to the promotion of health and treatment of disease. These include research, prevention, treatment and related health technologies.</p>	<p>Do you like to care for people or animals that are sick or help them stay well? Are you interested in diseases and in how the body works? Do you enjoy reading about science and medicine? Would it be fun to learn first aid, volunteer at a hospital or veterinary clinic? This may be your career path!</p>
<p><b><u>Human Services:</u></b> Careers in this path are related to economic, political and social systems. These include education, government, law and law enforcement, leisure and recreations, military, religion, child care, social services and personal services.</p>	<p>Are you friendly, open, understanding and cooperative? Do you like to work with people to solve problems? Is it important to you to do something that makes things better for other people? Do you like to help friends with family problems? Do you like reading, storytelling, traveling or tutoring young children? This could be your career path!</p>
<p><b><u>Natural Resources and Agriscience:</u></b> Careers in this path are related to agriculture, the environment and natural resources. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture and wildlife.</p>	<p>Are you a nature lover? Are you practical, curious about the physical world, and interested in plants and animals? Do you enjoy hunting or fishing? Do you like to garden or mow the lawn? Are you interested in protecting the environment? This could be your career path!</p>

## Employability Skills

Employability Skills are the basic skills needed to get and to keep a job. They are the skills needed in entry level (beginning) jobs, and technical and professional careers (those that require training and education beyond high school). Many Employability Skills are also used in adult roles, such as parent, consumer, community member, and citizen. A portfolio will help one discover, develop, and document the Academic, Personal Management, and Teamwork skills needed for success in our global economy and as a citizen of the world. Some skills to be documented during the high school years are:

Academic	Personal Management	Teamwork
<ol style="list-style-type: none"> <li>1. Read and understand written materials</li> <li>2. Understand charts and graphs</li> <li>3. Understand basic mathematics</li> <li>4. Use mathematics to solve problems</li> <li>5. Use research &amp; library skills</li> <li>6. Use specialized skills and knowledge to get a job done</li> <li>7. Use tools and equipment</li> <li>8. Speak in the language in which business is conducted</li> <li>9. Write in the language in which business is conducted</li> <li>10. Use the scientific method to solve problems</li> </ol>	<ol style="list-style-type: none"> <li>11. Meet school/work deadlines</li> <li>12. Develop career plans</li> <li>13. Know personal strengths &amp; weaknesses</li> <li>14. Demonstrate self-control</li> <li>15. Pay attention to details</li> <li>16. Follow written instructions &amp; directions</li> <li>17. follow oral instructions &amp; directions</li> <li>18. Work without supervision</li> <li>19. Learn new skills</li> <li>20. Identify and suggest new ways to get the job done</li> </ol>	<ol style="list-style-type: none"> <li>21. Actively participate in a group</li> <li>22. Know the group's rules and values</li> <li>23. Listen to other group members</li> <li>24. Express ideas to other group members</li> <li>25. Be sensitive to the group members' ideas and views</li> <li>26. Be willing to compromise to best accomplish the goal</li> <li>27. Be a leader or follower to best accomplish the goal</li> <li>28. Work in changing settings and with people of differing backgrounds</li> </ol>

### PORTFOLIO DOCUMENTATION

Three common sources from which one can obtain documentation of accomplishments are:

- **School Records:** official records or photocopies of records maintained by your school to include in one's portfolio. Some of these items are: 1) transcript of courses and grades; 2) attendance record; 3) standardized achievement test scores such as MEAP and SAT/ACT.
- **Other Records and Samples:** items that one has in personal records or a scrapbook. These may include: 1) resume; 2) certificates of grade reports from non-school courses or training (such as lifesaving, CPR, tutor training); 3) personal journals and records such as a check ledger, personal budget, scouting merit badges; 4) school/work sample such as a term paper or word-processed report; 5) awards and commendations for participation as a volunteer in an activity; 6) letter of recommendation from an employer or teacher.
- **Skill documentations:** reports that one prepares when one doesn't have any available proof to report a skill. The forms are signed by an adult, such as a counselor, teacher, parent, or employer who can verify the accuracy of the information.

*In order to document mastery of Employability Skills, and to show significance of portfolio contents, each entry should show:*

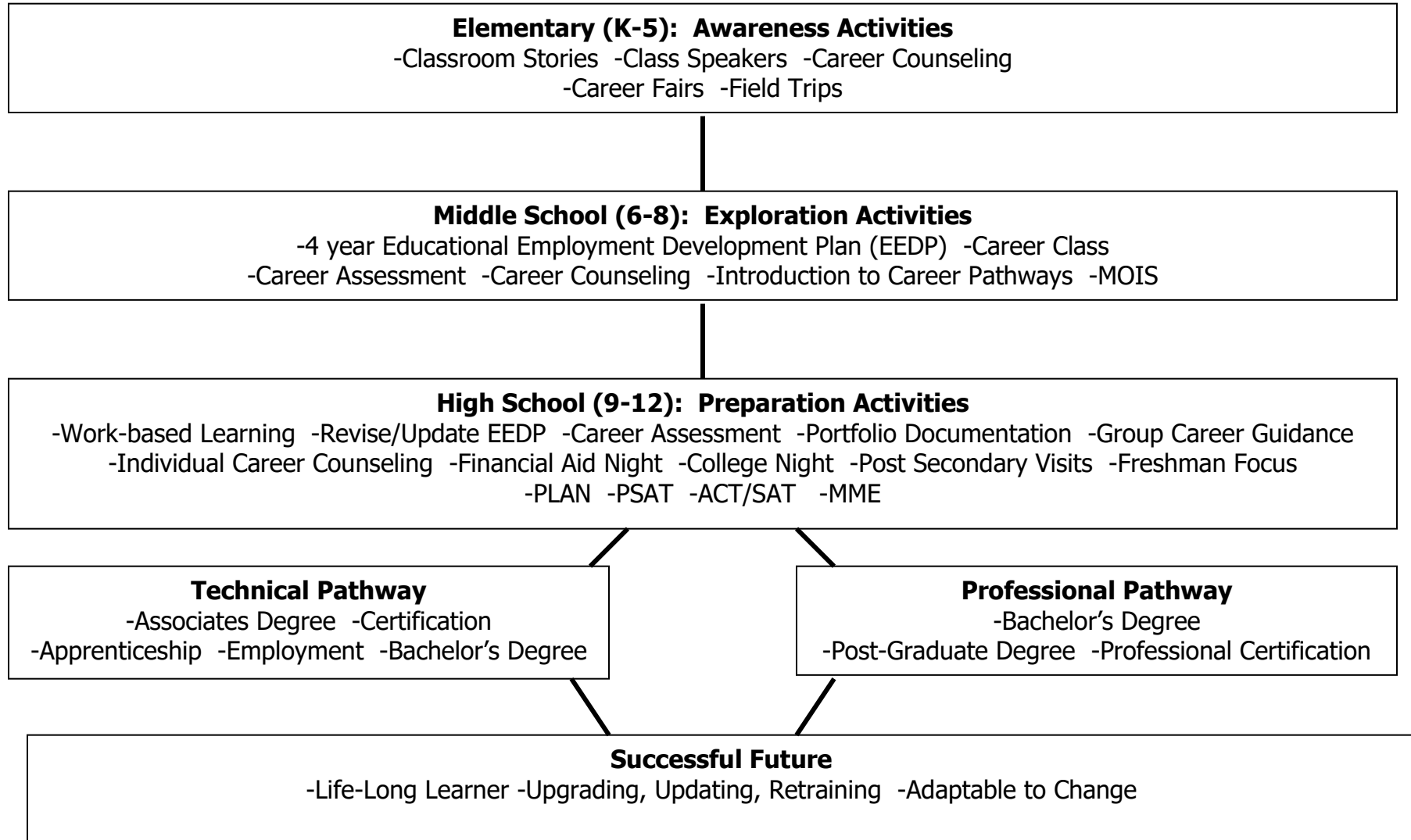
*T=Title (identify the skill) E=Exhibit or Evidence (show the picture, certificate, essay, etc.)*

*A=Analysis (what skills you demonstrate by this exhibit).*



## K-12 COUNSELING MODEL

At Allegan, we strive to prepare our students for the future. By making students aware of the Career Opportunities at a young age, we are giving them tools for a successful future.



# ARTS AND COMMUNICATION TECHNICAL PATHWAY

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Math
Math	Math	Math	Math
Math	Math	Math	Career Core
Math	Math	Math	Career Core
Science	Science	Science	Career Core
Science	Science	Science	Career Core
Science	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Elective
Social Studies	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
Physical Wellness*	Elective	Elective	Elective
Health*	Elective	Elective	Elective
Computer Education*	Elective	Elective	Elective
Elective	Elective	Elective	Elective

*\*May be taken at any time.*

<b><u>Fine &amp; Performing Arts</u></b>	<b><u>Graphic Arts Technology</u></b>	<b><u>Journalism, Media</u></b>
Advanced Acting	Business Applications I	Advanced TV Production
Advanced 2 & 3D Design	Business Applications II	Astronomy
Advanced Sports Training	Design I, II	Business Applications I
Advanced TV Production	Exploring Technology	Business Applications II
Aquatics	French I, II	Children's Literature
Author Study:Shakespeare	Interpersonal Communication	Current Events
Business Applications I,II	New Media (T)	Design I, II
Ceramics	Photojournalism	Ecology-Conservation
Children's Literature	Spanish I, 2, II	Ecology-Ecosystem Fundamentals
Choir~Chamber, Men's, Treble, Varsity	Web Design	Exploring Technology
Design I, II	Work-based Learning	Expressive Writing
Exploring Technology	World of Technology	French I, II
Expressive Writing	Yearbook	Geology
French I, II		History-Film/Literature
HS Band		Interpersonal Communication
Introduction to Drama		Photojournalism
		Practical French



# ARTS AND COMMUNICATION PROFESSIONAL PATHWAY

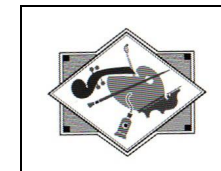
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts Language Arts Language Arts Math Math Math Science Science Science Social Studies Social Studies Social Studies Social Studies World Language* World Language* Physical Wellness* Health* Computer Education* Elective	Language Arts Language Arts Language Arts Math Math Math Science Science Social Studies Social Studies Social Studies Career Core Career Core Career Core Elective Elective Elective Elective	Language Arts Language Arts Language Arts Math Math Math Science Science Social Studies Social Studies Social Studies Career Core Career Core Career Core Elective Elective Elective Elective Elective	Language Arts Language Arts Math Math Career Core Career Core Career Core Career Core Career Core Career Core Elective Elective Elective Elective Elective Elective Elective Elective

*\*May be taken at any time*

<b><u>Fine &amp; Performing Arts</u></b>	<b><u>Graphic Arts Technology</u></b>	<b><u>Journalism, Media</u></b>
Advanced Acting Advanced 2 & 3D Design Adv. Sports Training Aquatics Anatomy and Physiology AP English Literature Author Study: Shakespeare Business Applications I,II Ceramics Children's Literature Choir-Chamber, Men's, Treble, Varsity Design I, I Exploring Technology Expressive Writing French Cinema & Culture French I, II, III, HS Band Interpersonal Communications Introduction to Drama Music Theory Psychology Science Fiction/Fantasy Senior English	Sociology Spanish I, 2, II, III Strength & Conditioning Team Activities World of Technology Work-Based Learning	Advanced Acting Advanced TV Media Anatomy & Physiology AP English Literature Adobe Photoshop/ Illustrator AP Government & Politics: US AP History: European AP History: US AP History: World Astronomy Business Applications I Business Applications II Current Events Design I, II Ecology-Conservation Ecology-Ecosystem Fundamentals Exploring Technology Expressive Writing French Cinema & Culture French I, II, III, IV, V Geology History-Film/Literature
	Adobe Photoshop/ Illustrator Advanced 2 & 3D Design Anatomy & Physiology Business Applications I Business Applications II Children's Literature Design I, II Ecology-Conservation Ecology-Ecosystem Fund. Exploring Technology French Cinema & Culture French I, II, III, IV Geology Interpersonal Communications Marketing I, II	Interpersonal Communication Photojournalism Practical French Psychology Senior English Sociology Spanish I, 2, II, III, IV, V TV Media Production Web Design Work-Based Learning Yearbook



## Job Title Examples Arts & Communication Pathway



### Fine & Performing Arts-Technical Careers

Accompanist	Disc Jockey
Actor/Actress	Fashion Designer
Artist	Illustrator
Asst. Director	Light Technician
Asst. Producer	Model
Band/Orchestra Member	Musician
Carpet/Furniture Designer	Painter
Cartoonist	Sculptor
Choreographer	Set Director
Chorus Member	Theater Technician
Composer	Vocal Performer
Dancer	

### Graphic Arts Technology-Technical Careers

Computer Graphic Technician	Fashion Design Tech
Dark Room Technician	Technical Artist
Graphic Artist	Colorist
Layout Planner	Screen Printing Machine Operator

### Journalism and Media-Technical Careers

Asst. News Writer	Journalism Technician
Asst. Production Manager	Layout Planner
Assistant Writer/Editor	Technical Writer
Broadcast Technician	Sound Technician

### Fine & Performing Arts-Professional Careers

Accompanist	Historian
Actor/Actress	Interior Designer
Art Director	Lighting Director
Artist	Musician
Band/Orchestra Member	Painter
Choreographer	Producer
Chorus Member	Sculptor
Composer	Vocal Performer
Dancer	Set Designer
Director	

### Graphic Arts Technology-Professional Careers

Author	Producer Manager
Columnist	Publisher
Editor	Radio/TV Broadcaster
Media Announcer	Photographer
Newspaper Reporter	Fashion Designer
Commercial Artist	Interior Designer
Graphic Designer	Cartoonist
Technical Artist	Illustrator

### Journalism and Media-Professional Careers

Author	Production Manager
Columnist	Publisher
Editor	Radio/TV Broadcaster
Media Announcer	Technical Writer
Newspaper Reporter	Writer

# BUSINESS, MANAGEMENT, MARKETING AND TECHNOLOGY TECHNICAL PATHWAY

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts Language Arts Language Arts Math Math Math Science Science Science Science Social Studies Social Studies Social Studies Social Studies World Language* World Language* Physical Wellness* Health* Computer Education* Elective	Language Arts Language Arts Language Arts Math Math Math Science Science Social Studies Social Studies Social Studies Career Core Career Core Career Core Elective Elective Elective Elective	Language Arts Language Arts Language Arts Math Math Math Science Science Social Studies Social Studies Social Studies Career Core Career Core Career Core Elective Elective Elective Elective Elective	Language Arts Language Arts Math Math Career Core Career Core Career Core Career Core Career Core Career Core Elective Elective Elective Elective Elective Elective Elective Elective

*\*May be taken at any time.*

<b><u>Office Technologies</u></b>	<b><u>Computer Information Systems</u></b>	<b><u>Accounting</u></b>	<b><u>Marketing and Entrepreneurship</u></b>
Accounting Business Applications I Business Applications II Business Management & Finance (T) Exploring Technology French I, II Interpersonal Communication Marketing I Personal Finance Practical French Programming w/Visual Basic Spanish I, 2, II Spanish in the Workplace Web Design Work-based Learning	Accounting Adobe Photoshop/ Illustrator Business Applications I Business Applications II Chemistry Design I Exploring Technology French I & II Information Technology (T) Interpersonal Comm. Marketing I Practical French Programming w/Visual Basic Spanish I, 2, II Web Design Work-Based Learning	Accounting Adobe Photoshop/Illustrator Business Applications I Business Applications II French I, II, III Interpersonal Communication Marketing I Personal Living Practical French RPG Maker Personal Finance Spanish I, 2, II, III Spanish in the Workplace Web Design Work-based Learning	Accounting Adobe Photoshop/Illustrator Advanced TV Production Business Applications I Business Applications II Design I Econ. II Exploring Tech. French I,II Interpersonal Comm. Marketing I Marketing & Mgmt. Personal Finance Personal Living Practical French Programming with Visual Basic Psychology RPG Maker Spanish I, 2, II Spanish in the Workplace TV Media Web Design World of Tech. Work-Based Learning Yearbook

# BUSINESS, MANAGEMENT, MARKETING AND TECHNOLOGY PROFESSIONAL PATHWAY

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts Language Arts Language Arts Math Math Math Science Science Science Science Social Studies Social Studies Social Studies Social Studies World Language* World Language* Physical Wellness* Health* Computer Education* Elective	Language Arts Language Arts Language Arts Math Math Math Science Science Social Studies Social Studies Social Studies Career Core Career Core Career Core Elective Elective Elective Elective	Language Arts Language Arts Language Arts Math Math Math Science Science Social Studies Social Studies Social Studies Career Core Career Core Career Core Elective Elective Elective Elective Elective	Language Arts Language Arts Math Math Career Core Career Core Career Core Career Core Career Core Career Core Elective Elective Elective Elective Elective Elective Elective Elective

*\*May be taken at any time.*

<b><u>Office Technologies</u></b>	<b><u>Computer Information Systems</u></b>	<b><u>Accounting</u></b>	<b><u>Marketing and Entrepreneurship</u></b>
Accounting Business Applications I Business Applications II Business Management & Finance (T) French I, II Interpersonal Communication Marketing, I, II Practical French Precalculus Probability & Statistics Programming w/Visual Basic Personal Finance Spanish I, 2, II Spanish in the Workplace Trigonometry Web Design Work-Based Learning	Accounting Adobe Photoshop/Illustrator AP Calculus BC Business Applications I Business Applications II Chemistry Design I French I, II Information Technology (T) Interpersonal Communication Marketing I, II Practical French Precalculus Probability & Statistics Programming w/Visual Basic RPG Maker Spanish I,2, II Trigonometry Work-Based Learning	Accounting Adobe Photoshop/Illustrator AP Calculus BC Business Applications I Business Applications II Economics II French Cinema & Culture French I, II, III, IV, V Interpersonal Communication Marketing I, II Practical French Precalculus Probability & Statistics RPG Maker Personal Finance Spanish I,2, II, III, IV, V Spanish in the Workplace Trigonometry Work-Based Learning	Accounting Adobe Photoshop/Illustrator Adv. TV Production Business Applications I Business Applications II Design I, II Ecology-Cons. Ecology-Eco.Fund. Economics II French Cinema/Culture French I, II, III,IV,V Geology Interpersonal Comm. Marketing I, II Marketing & Management Personal Finance Practical French Probability & Stats Psychology RPG Maker Sociology Spanish I,2,II,III,IV,V Spanish in Workplace TV Media Pro. Trigonometry Web Design Work-Based Learning Yearbook



## Job Title Examples



### **Business, Management, Marketing and Technology Pathway**

#### **Office Technologies-Technical Careers**

Bank Teller	Legal Secretary
Billing Clerk	Medical Secretary
Court Reporter	Paralegal
Credit Clerk	Payroll Clerk
Executive Assistant	Receiving Clerk
Executive Secretary	Receptionist
General Office Clerk	Work Processing Specialist

#### **Office Technologies-Professional Careers**

Administrative Assistant	Business Manager
Administrative Service Mgr.	Clerical Supervisor
Data Processing Manager	

#### **Computer Info. Systems-Technical Careers**

Computer Operator	Data Processing Asst.
PC & Office Machine Repair	PC Applications Clerk
Computer Service Technician	Data Entry Technician

#### **Computer Info. Systems-Professional Careers**

Computer Programmer	Systems Analyst
Data processing Supervisor	Systems Designer

#### **Accounting-Technical Careers**

Assistant Accountant	Credit Analyst
Bank Teller	Loan Officer
Bookkeeper	Loan Officer

#### **Accounting-Professional Careers**

Accountant	Comptroller
Analysis Consultant	Financial Analyst
Auditor	Hotel Manager
Budget Analyst	Loan Officer
Buyer	Stock Broker
Certified Public Accountant	Certified Managerial Accountant

#### **Marketing & Entrepreneurship-Technical Careers**

Advertising Agent	Marketing Research Spec.
Art Director	Media Buyer
Assistant Buyer	Merchandise Displayer
Asst. Distribution Manager	Project Director
Asst. Public Relations Officer	Real Estate Appraiser
Asst. Sales Manager	Real Estate Agent
Automobile Sales Person	Sales Representative
Claims Examiner	Small Business Manager
Entrepreneur	Trade Show Exhibitor

#### **Marketing & Entrepreneurship-Prof. Careers**

Account Executive	Public Relations Manager
Advertising Director	Manufacturing Rep.
Agency Manager	Purchasing Agent/Buyer
Automobile Dealer	Real Estate Broker
Bank Manager	

# ENGINEERING/MANUFACTURING AND INDUSTRIAL TECHNOLOGY TECHNICAL PATHWAY

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Math
Math	Math	Math	Math
Math	Math	Math	Career Core
Math	Math	Math	Career Core
Science	Science	Science	Career Core
Science	Science	Science	Career Core
Science	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Elective
Social Studies	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
Physical Wellness*	Elective	Elective	Elective
Health*	Elective	Elective	Elective
Computer Education*	Elective	Elective	Elective
Elective	Elective	Elective	Elective

*\*May be taken at any time.*

## **Pre-Engineering Manufacturing**

Accounting	TV Media Production
Adobe Photoshop/Illustrator	Welding (T)
Adv. TV Media	World of Technology
Business Applications I	Work-Based Learning
Business Applications II	
Chemistry	
Design I	
Electrical Systems (T)	
Exploring Technology	
French I, II	
Interpersonal Communication	
Introduction to Engineering	
Machining & CNC Technology (T)	
Physics	
Spanish I, 2, II	

## **Pre-Engineering Construction/Drafting and Design Transportation**

Accounting	Exploring Technology
Adobe Photoshop/Illustrator	French I, II, III
AIS Heavy Equipment (T)	Geology
Business Applications I	Interpersonal Comm.
Business Applications II	Intro. to Engineering
Ceramics	Physics
Automotive Technology (T)	Spanish I, 2, II, III
Building Trades (T)	Welding (T)
CAD (T)	World of Technology
Chemistry	Work-Based Learning
Design I	
Ecology -Conservation	
Ecology-Ecosystem Fundamentals	
Electrical Systems (T)	







# Job Title Examples



## Engineering/Manufacturing and Industrial Technology Pathway

### Engineering & Industrial-Technical Careers

Audio Service Tech	Electronics Tech
Camera Operator	Industrial Elec. Apprentice
Computer Technician	Sound Tech
Sound Tech	Video/Radio/TV Tech
Electrician	

### Engineering & Industrial-Professional Careers

Computer Division Manager	Electronic Manager
Electrical Engineer	Sound Director

### Manufacturing Tech.-Technical Careers

Automated Equipment Tech	Mechanical Tech
Automated Systems Programmer	Model Maker
CNC Operator	Plastics Tech
Indust. Maint. Mechanic Apprentice	Precision Machinist
Machine Maintenance Tech.	Quality Control Technician
Machine Repairer-Apprentice	Tool & Die Maker

### Manufacturing Tech.-Professional Careers

Aeronautical Engineer	Mechanical Engineer
Agricultural Engineer	Nuclear Engineer
Chemical Engineer	Plastics Engineer
Die/Mold Engineer	Production Tech. Mgr.
Industrial Engineer	Quality Control Engineer

### Building Construction-Technical Careers

Assistant Builder	Painter/Finisher
Brick/Cement Mason	Paper Hanger
Carpenter	Plaster/Dry Wall Installer
Furniture Maker	Surveyor's Helper

### Building Construction-Professional Careers

Builder	Building Superintendent
Building Contractor	Estimator
Building Inspector	Scheduler

### Drafting & Design-Technical Careers

Apprentice machine Designer	Machine Designer
Architectural Drafter	Mold Designer
CAD Operator	Tool & Die Designer

### Drafting & Design-Professional Careers

Architect	Landscape Architect
Design Engineer	

### Transportation Technology-Technical Careers

Aeronautical Technician	Collision Estimator
Aircraft Mechanic	Flight Engineer
Air Traffic controller	Marine Mechanic
Auto Body Technician	Motorcycle Mechanic
Auto Mechanic	Railroad Engineer
Bus/Taxi/Limo Driver	Truck Driver

### Transportation Technology-Prof. Careers

Aircraft Pilot-Commercial	Automotive Engineer
Auto Body Owner Manager	Aviation Maint. Manager
Auto Mechanic Master	Flight Engineer (commercial)
Auto Service Manager	Trucking Fleet Manager

## HEALTH SCIENCES TECHNICAL PATHWAY

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Math
Math	Math	Math	Math
Math	Math	Math	Career Core
Math	Math	Math	Career Core
Science	Science	Science	Career Core
Science	Science	Science	Career Core
Science	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Elective
Social Studies	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
Physical Wellness*	Elective	Elective	Elective
Health*	Elective	Elective	Elective
Computer Education*	Elective	Elective	Elective
Elective	Elective	Elective	Elective

*\*May be taken at any time.*

### **Health Occupations**

Advanced Food Science	Health Occupations Academy (T)
Advanced Sports Training	Interpersonal Communications
Anatomy and Physiology	P.A.L. I, II
Aquatics	Parenthood
Business Applications I	Personal Living
Business Applications II	Physics
Chemistry	Practical French
Design I	Psychology
Ecology-Conservation	Spanish I, 2, II
Ecology-Ecosystem Fundamental	Spanish in the Workplace
Exploring Technology	Strength & Conditioning
Family Living	Team Activities
Food Science	Veterinary Tech. Sciences (T)
French I, II	Work-Based Learning
Health	
Health Care Science Foundations (T)	

## HEALTH SCIENCES PROFESSIONAL PATHWAY

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Math
Math	Math	Math	Math
Math	Math	Math	Career Core
Math	Math	Math	Career Core
Science	Science	Science	Career Core
Science	Science	Science	Career Core
Science	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Elective
Social Studies	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
Physical Wellness*	Elective	Elective	Elective
Health*	Elective	Elective	Elective
Computer Education*	Elective	Elective	Elective
Elective	Elective	Elective	Elective

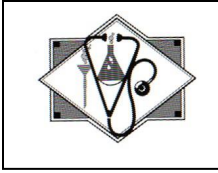
*\*May be taken at any time.*

### **Health Occupations**

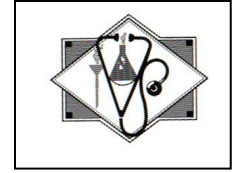
Advanced Sports Training  
 Advanced Topics in Chemistry  
 Anatomy and Physiology  
 Aquatics  
 AP Biology  
 AP Calculus  
 AP Chemistry  
 Business Applications I  
 Business Applications II  
 Chemistry  
 Design I  
 Ecology-Conservation  
 Ecology-Ecosystem Fundamentals  
 Exploring Technology

Family Living  
 Food Science & Adv. Food Science  
 French I, II, III ,IV, V  
 Health Care Science Foundations (T)  
 Health Occupations Academy (T)  
 Interpersonal Comm.  
 P.A.L. I, II  
 Parenthood  
 Personal Living  
 Physics  
 Practical French  
 Precalculus  
 Probability & Statistics  
 Psychology  
 Sociology

Spanish I, II, III, IV, V  
 Spanish in the Workplace  
 Strength & Conditioning  
 Team Activities  
 Trigonometry  
 Veterinary Tech. Sciences (T)  
 Work-Based Learning



## Job Title Examples Health Sciences Pathway



### **Health-Technical Careers**

Certified Nursing Assistant  
Dental Hygienist  
Dental Laboratory Tech  
Dietary Technician  
Emergency Medical Tech (EMT)  
Fitness Coach  
Hearing Testing Technician  
Medical Laboratory Tech

Nuclear Medicine Tech  
Nurse (LPN)  
Occupational Therapy Asst.  
Optometric Technician  
Pharmacy Technician  
Physical Therapy Asst.  
Radiology Technician  
Ultrasound Technician  
Veterinary Technician

### **Health-Professional Careers**

Audiologist  
Caseworker  
Dietician/Nutritionist  
Medical Technologist  
Occupational Therapist  
Pharmacist  
Physical Therapist  
Radiologist  
Registered Nurse  
Social Worker  
Speech Pathologist  
Sports Medicine Therapist



# HUMAN SERVICES TECHNICAL PATHWAY

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts Language Arts Language Arts Math Math Math Science Science Science Social Studies Social Studies Social Studies Social Studies World Language* World Language* Physical Wellness* Health* Computer Education* Elective	Language Arts Language Arts Language Arts Math Math Math Science Science Social Studies Social Studies Social Studies Career Core Career Core Career Core Elective Elective Elective Elective	Language Arts Language Arts Language Arts Math Math Math Science Science Social Studies Social Studies Social Studies Career Core Career Core Career Core Elective Elective Elective Elective Elective	Language Arts Language Arts Math Math Career Core Career Core Career Core Career Core Career Core Elective Elective Elective Elective Elective Elective Elective Elective

*\*May be taken at any time.*

<b><u>Child Care Professional</u></b>	<b><u>Hospitality</u></b>	<b><u>Public Safety/Protective Services</u></b>	<b><u>Education</u></b>
Adv. Sports Training Anatomy & Physiology Aquatics Business Applications I Business Applications II Cadet Teaching Children's Literature Design I Family Living French I, II Health Interpersonal Communication Mentor Program P.A.T. P.A.L. I, II Parenthood Personal Finance Psychology Spanish I,2, II	Strength & Cond. Team Activities Work-Based Learning  Adv. Food Science Adv. Sports Training Business Applications I Business Applications II Cosmetology (T) Culinary Arts (T) Design I Ecology-Conservation Ecology-Ecosystem Fund. Economics II Exploring Tech. Food Science French I, II, III Geology Interpersonal Communication Marketing I Michigan History P.A.L. I, II Personal Finance	Practical French Spanish I,2,II,III Spanish in the Workplace Strength & Cond Work-Based Learning Yearbook  Adv. Sports Training Anatomy & Physiology Aquatics AP Govt. & Politics: U.S. Business Applications I Business Applications II Chemistry Criminal Justice (T) Current Events Ecology –Conservation Ecology-Eco. Fund. Exploring Tech. Family Living French I, II, III Geology Interpersonal Communication P.A.L. I, II Personal Finance	Spanish in the Workplace Strength & Cond. Team Activities Teacher Ed. Work-Based Learning World of Tech.  Aquatics AP Govt. & Politics: U.S. Adv. Sports Training Business Applications I Business Applications II Cadet Teaching Children's Lit. Contemporary Issues Design I Exploring Tech. Family Living French I, II History-Film/Lit. Interpersonal Communication Mentor Program P.A.T. P.A.L. I, II Parenthood Personal Finance Physics Psychology Spanish I, 2, II



# HUMAN SERVICES PROFESSIONAL PATHWAY

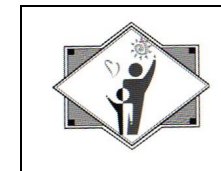
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts Language Arts Language Arts Math Math Math Science Science Science Social Studies Social Studies Social Studies Social Studies World Language* World Language* Physical Wellness* Health* Computer Education* Elective	Language Arts Language Arts Language Arts Math Math Math Science Science Social Studies Social Studies Social Studies Career Core Career Core Career Core Elective Elective Elective Elective	Language Arts Language Arts Language Arts Math Math Math Science Science Social Studies Social Studies Social Studies Career Core Career Core Career Core Elective Elective Elective Elective Elective	Language Arts Language Arts Math Math Career Core Career Core Career Core Career Core Career Core Career Core Elective Elective Elective Elective Elective Elective Elective Elective

*\*May be taken at any time.*

<b><u>Child Care Professional</u></b>	<b><u>Hospitality</u></b>	<b><u>Public Safety/Protective Services</u></b>	<b><u>Education</u></b>
Adv. Sports Training Anatomy & Physiology Aquatics Business Applications I Business Applications II Cadet Teaching Children's Lit. Design I Family Living French I, II, III, IV Interpersonal Comm. Mentor Program P.A.T. P.A.L. I, II Parenthood Personal Finance Psychology Sociology Spanish I,2,II,III,IV,V	Strength & Conditioning Team Activities World of Tech. Work-Based Learning Yearbook  Accounting Adv. Food Science Adv. Sports Training Adobe Photoshop/Illustrator Business Applications I Business Applications II Cosmetology (T) Culinary Arts (T) Design I, II Ecology-Conservation Ecology-Ecosystem Fundamentals Economics II Food Science French I, II, III, IV Geology Interpersonal Communication Marketing I, II Michigan History P.A.L. I, II Personal Finance Practical French Spanish I, 2,II, III, IV	Strength & Cond. Work-Based Learning Yearbook  Adv. Sports Training Anatomy & Physiology AP History: US AP Govt. & Politics: US AP History: European AP History: World Aquatics Business Applications I Business Applications II Chemistry Current Events Criminal Justice (T) Exploring Tech. Family Living French I, II, III, IV Interpersonal Communication P.A.L. I, II Physics Practical French	Psychology Sociology Spanish I,2,II,III,IV,V Spanish in the Wrkpl. Strength & Cond. Team Activities World of Tech. Work-Based Learning Yearbook  Adobe Photoshop/Illustrator Adv. Sports Training Anatomy & Physiology AP English Literature AP Govt. & Politics: US AP History: European. AP History: US AP History: World Aquatics Astronomy Business Applications I Business Applications II Cadet Teacher Chemistry Children's Literature Current Events Design I, II Ecology-Conservation Ecology-Ecosystem Fundamentals Exploring Tech. Family Living French I,II,III,IV,V Geology History-Film/Lit. Interpersonal Communication Mentor Program PAT MI History P.A.L. I, II



## Job Title Examples Human Services Pathway



### **Child & Adult Care-Technical Careers**

Child Care/Nursery Attendant	Nursing Home Worker
Cosmetologist/Barber	Pre-School Aide
Day Care Assistant or Director	Recreational Technician
Home Care Attendant	Social Services Worker

### **Child & Adult Care-Professional Careers**

Caseworker	Preschool Teacher
Child Care Administrator	Recreational Supervisor
Early Childhood Educator	Social Worker
Nursing Home Administrator	

### **Hospitality & Food Services-Technical Careers**

Asst. Conference Manager	Cook
Asst. Hotel/Motel Manager	Flight Attendant
Baker/Chef/Bartender	Front Desk Manager
Butcher	Special Events Director
Car Dealer	Tourism Assistant
Cashier	Travel Agent

### **Hospitality & Food Services-Prof. Careers**

Concierge	Food Services Manager
Conference Manager	Home Economist
Convention Director	Hotel/Motel Manager
Cruise/Tour Director	Special Events Coordinator
Executive Chef	Tourism Director

### **Public Safety & Protective Services-Tech. Careers**

Armed Forces	Pest Control Technician
Body Guard	Police Officer
Correction/Prob./Parole Worker	Private Detective
Fire Fighter	Public Safety Officer
Hazardous Materials Tech.	State Police Officer

### **Public Safety & Protective Svc-Prof. Careers**

FBI Agent	Private Detective
Corrections/Prob./Parole Officer	Security Director
Lawyer/Judge	Sheriff/Detective
Officer/Police Chief	State Police Commander

### **Teaching-Technical Careers**

Elementary Ed. Teaching Asst.	Secondary Ed. Teaching Asst.
Library Assistant	Teaching Asst.
Paraprofessional	

### **Teaching-Professional Careers**

College Instructor/Professor	Secondary Teaching (7-12)
Counselor/Social Worker	Special Ed. Teacher (K-12)
Elementary Teacher (K-6)	Librarian

## NATURAL RESOURCES AND AGRISCIENCE TECHNICAL PATHWAY

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Math
Math	Math	Math	Math
Math	Math	Math	Career Core
Math	Math	Math	Career Core
Science	Science	Science	Career Core
Science	Science	Science	Career Core
Science	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Elective
Social Studies	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
Physical Wellness*	Elective	Elective	Elective
Health*	Elective	Elective	Elective
Computer Education*	Elective	Elective	Elective
Elective	Elective	Elective	Elective

*\*May be taken at any time.*

### Career Core Choices

#### **Natural Resources and Agriscience**

Astronomy  
 Chemistry  
 Design I  
 Ecology-Conservation  
 Ecology-Ecosystem Fundamentals  
 Exploring Technology  
 French I, II  
 Geology  
 Interpersonal Communication  
 Michigan History  
 Spanish I, 2, II  
 Vet Tech (T)  
 World of Technology  
 Work-Based Learning

## NATURAL RESOURCES AND AGRISCIENCE PROFESSIONAL PATHWAY

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Language Arts
Language Arts	Language Arts	Language Arts	Math
Math	Math	Math	Math
Math	Math	Math	Career Core
Math	Math	Math	Career Core
Science	Science	Science	Career Core
Science	Science	Science	Career Core
Science	Science	Science	Career Core
Social Studies	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Career Core
Social Studies	Social Studies	Social Studies	Elective
Social Studies	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
World Language*	Career Core	Career Core	Elective
Physical Wellness*	Elective	Elective	Elective
Health*	Elective	Elective	Elective
Computer Education*	Elective	Elective	Elective
Elective	Elective	Elective	Elective

*\*May be taken at any time.*

### **Natural Resources and Agriscience**

Accounting	Marketing I, II
Adobe Photoshop/Illustrator	Michigan History
Anatomy & Physiology	Practical French
AP Biology	Pre-calculus
AP History: US	Probability & Statistics
Astronomy	Psychology
Business Applications I	Spanish I, 2, II, III
Business Applications II	Vet Tech
Chemistry	Web Design
Design I	Work-Based Learning
Ecology-Conservation	World of Technology
Ecology-Ecosystem Fundamentals	
Economics II	
Exploring Technology	
French I, II, III	
Geology	
Interpersonal Communication	



## Job Title Examples Natural Resources and Agriscience Pathway



### **Natural Resources & Agriscience-Tech. Careers**

Agricultural Technician  
Ag. Chemical Technician  
Asst. Farm Manager  
Fish & Wildlife Worker  
Fishery Technician  
Floral Design

Forestry Technician  
Grounds Keeper  
Horticultural Technician  
Landscape Design Tech.  
Landscape Gardener

### **Natural Resources & Agriscience-Prof. Careers**

Agricultural Extension Agent  
Agricultural Scientist  
Conservation Officer  
Coop Extension Service Worker  
Farm Manager  
Fish & Wildlife Specialist  
Vet Assistant

Forester  
Gardens Manager  
Limnologist  
Naturalist  
Park Manager  
Soil Conservationist  
Astronomer



Personal School Plan

Pathway: \_\_\_\_\_

Technical

Professional

Grade 9		Grade 10		Grade 11		Grade 12	
<i>Course</i>	<i>CR</i>	<i>Course</i>	<i>CR</i>	<i>Course</i>	<i>CR</i>	<i>Course</i>	<i>CR</i>
Language Arts: <b>1.</b>		Language Arts: <b>1.</b>		Language Arts: <b>1.</b>		Language Arts: <b>1.</b>	
Language Arts: <b>2.</b>		Language Arts: <b>2.</b>		Language Arts: <b>2.</b>		Language Arts: <b>2.</b>	
Language Arts: <b>3.</b>		Language Arts: <b>3.</b>		Language Arts: <b>3.</b>		Math: <b>3.</b>	
Math: <b>4.</b>		Math: <b>4.</b>		Math: <b>4.</b>		Math: <b>4.</b>	
Math: <b>5.</b>		Math: <b>5.</b>		Math: <b>5.</b>		Career Core: <b>5.</b>	
Math: <b>6.</b>		Math: <b>6.</b>		Math: <b>6.</b>		Career Core: <b>6.</b>	
Science: <b>7.</b>		Science: <b>7.</b>		Science: <b>7.</b>		Career Core: <b>7.</b>	
Science: <b>8.</b>		Science: <b>8.</b>		Science: <b>8.</b>		Career Core: <b>8.</b>	
Science: <b>9.</b>		Social Studies: <b>9.</b>		Social Studies: <b>9.</b>		Career Core: <b>9.</b>	
Social Studies: <b>10.</b>		Social Studies: <b>10.</b>		Social Studies: <b>10.</b>		Career Core: <b>10.</b>	
Social Studies: <b>11.</b>		Social Studies: <b>11.</b>		Social Studies: <b>11.</b>		Elective: <b>11.</b>	
Social Studies: <b>12.</b>		Career Core: <b>12.</b>		Career Core: <b>12.</b>		Elective: <b>12.</b>	
World Language: * <b>13.</b>		Career Core: <b>13.</b>		Career Core: <b>13.</b>		Elective: <b>13.</b>	
World Language: * <b>14.</b>		Career Core: <b>14.</b>		Career Core: <b>14.</b>		Elective: <b>14.</b>	
Health: * <b>15.</b>		Elective: <b>15.</b>		Career Core: <b>15.</b>		Elective: <b>15.</b>	
Physical Education: * <b>16.</b>		Elective: <b>16.</b>		Career Core: <b>16.</b>		Elective: <b>16.</b>	
Computer Education: * <b>17.</b>		Elective: <b>17.</b>		Elective: <b>17.</b>		Elective: <b>17.</b>	
Elective: <b>18.</b>		Elective: <b>18.</b>		Elective: <b>18.</b>		Elective: <b>18.</b>	

\*May be taken any time during high school career. One credit of Visual Performing Arts credit is required in addition to the other requirements represented above.



## Art

### Design I

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: ½

Career core elective for:

Arts & Communication (T, P)

Business Management, Marketing & Technology (T, P)

Engineering, Manufacturing & Technology (T, P)

Health Sciences (T, P)

Human Services (T, P)

Natural Resources & Agri-science (T, P)

The purpose of this class is to introduce students to foundational design concepts and skills. Students will explore and create both two-dimensional and three-dimensional images and objects using a variety of traditional and contemporary methods, strategies, material and tools. Two-dimensional art may include drawing, painting, collage and printmaking. Three-dimensional art will be limited and may include ceramics, papier-mâché and sculpture with found objects. The study of images, objects and performance from our past and present will be integrated into lessons and studied throughout the course. Students at any ability level will learn how to manipulate a variety of media, think critically and express themselves in a creative way.

### Design II

Prerequisite: Design 1

Grade(s): 9-12

Trimesters: 1

Credit: ½

Career core elective for:

Arts & Communication (T)

Business Management, Marketing & Technology (P)

Engineering, Manufacturing & Technology (P)

Human Services (P)

The purpose of this class is to expand on design concepts and skills developed in Design I. Improving visual literacy through examining your own identity and the visual world will also be an area of focus. Students will explore and create both 2-D and 3-D art using a variety of media. Students will practice advanced skills and techniques and be engaged in more criticism and analysis. Two-dimensional art may include drawing, painting, collage, typography and printmaking. Three-dimensional art will include clay, papier-mâché, assemblage, and sculpture with found and manufactured objects. Art history, criticism and aesthetics will be integrated into all projects and studied and practiced throughout the course. This course will give students an opportunity to improve their visual literacy and explore the process of interpreting and building thoughtful images and objects.

### Advanced 2 & 3D Design

Prerequisite: Design I & II

Grade(s): 10-12

Trimesters: 2

Credit: 1

Career core elective for:

Arts & Communication (T, P)

The purpose of this class is to expand on design concepts and skills developed in Design I and II. Students will explore and create both two- and three-dimensional images and objects using a variety of media. Two-dimensional methods will include drawing, painting, collage, and printmaking. Three-dimensional art will include additive and subtractive building methods with clay, plaster, papier-mâché, found objects and manufactured objects. Students at this level will learn how to manipulate a variety of media, think critically and express themselves in a creative way. Work needs to be original and well thought out. The images and objects students create should extend meaning from our past and reflect present day visual culture ideals' and contemporary building methods. Craftsmanship and building portfolios will be emphasized too.

### Ceramics

Prerequisite: None

Grade(s): 9-12

Trimesters: 1 (repeatable)

Credit: ½

Career core elective for:

Arts & Communication (T)

Procedures and processes unique to ceramics will be introduced; skills in preparing, forming and analyzing clay work created by others and your own are core outcomes of the course. Developing the ability to make judgments about the aesthetic quality of ceramic forms and mastery of core concepts will be required. Origins of ceramics have perhaps the longest history of the visual arts and will be studied in this course. Students will work using traditional building techniques, such as pinch, coil, slab, relief and extruding. Wheel thrown work may be practiced independently.

## **Business**

### **Accounting I & II**

Prerequisite: Accounting I – None; Accounting II – Successful completion or concurrent request of Accounting I

Grade(s): 10-12      Trimesters: 1 or 2      Credit: ½ or 1

Career core elective for:

Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing & Technology (T, P)  
Human Services (P)  
Natural Resources and Agriscience (P)

*Accepted as 4<sup>th</sup> year Senior Math Credit*

Accounting is designed to teach students basic accounting principles and daily and monthly recording practices as used in a proprietorship and partnerships. This course is recommended for all students who plan to take business courses in college, want to own their own business, or wish to work in an office after graduation. (This course counts as 4<sup>th</sup> year Math related course.)

### **Adobe Photoshop & Illustrator**

Prerequisite: Business Basics

Grade(s): 10-12      Trimesters: 1      Credit: ½

Career core elective for:

Business Management, Marketing and Technology (T,P)  
Engineering, Manufacturing & Technology (T,P)  
Human Services (P)  
Natural Resources and Agriscience (P)

This Photoshop course will teach the principles of image editing and manipulation for printing and desktop presentation needs using the industry-standard tool, Adobe Photoshop. Students will learn basic principles of image importing, Photoshop tools, image editing, image manipulation and saving for various uses. Illustrator is a sophisticated graphics program capable of creating complex and attractive illustrations and type effects. In this course, you will learn many of the basic skills that will allow you to take advantage of Illustrator's powerful tools with coverage of fundamental concepts and progress to in-depth explorations of the software's full set of features.

### **Advanced Accounting I**

Prerequisite: Recommended a C or better in Accounting II class

Grade(s): 11-12      Trimesters: 1      Credit: ½

Career core elective for:

Business Management Marketing & Technology  
Engineering, Manufacturing & Technology  
Human Services  
Natural Resources & Agriscience

This advanced-course accounting text expands on topics learned in the first-year course while adding new topics about management accounting, cost accounting, not for profit account and financial analysis. The study of a second year of accounting helps qualify students for jobs and careers at higher levels than one year of study would allow. It is also excellent background and preparation for college business and accounting courses and business majors.

### **Advanced Accounting II**

Prerequisite: Advanced Accounting I

Grade(s): 11-12      Trimesters: 1      Credit: ½

Career core elective for:

Business Management, Marketing and Technology  
Engineering, Manufacturing & Technology  
Human Services  
Natural Resources and Agriscience

This advanced-course II accounting text expands on topics learned in the first-trimester of course while adding new topics about management accounting, cost accounting, not profit account and financial analysis. The study of a second year of accounting helps qualify students for jobs and careers at higher levels than one year of study would allow. It is also excellent background and preparation for college business and accounting.

### **Business Basics**

Prerequisite: None

Grade(s): 9-12      Trimesters: 1      Credit: ½

The students will be exposed to computer applications and technology including internet literacy, on-line software experience, keyboarding review and Microsoft office (including Publisher). This class meets the state requirement for on-line experience.

## **Business Applications I**

Prerequisite: Business Basics

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (P)

Business Applications I is designed for the student who intends to pursue any career that utilizes advanced computer skills. Students work at their own pace with self-directed texts. This course includes: advanced Microsoft Word skills, a Microsoft PowerPoint presentation using career research and Internet.

## **Business Applications II**

Prerequisite: Business Basics

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (P)

Business Applications II is designed for the student who intends to pursue any career that utilizes advanced computer skills. Students work at their own pace with self-directed texts. This course includes: advanced Microsoft Excel skills, a Microsoft Publisher teacher approved publication.

## **Computers B**

Prerequisite: Teacher and/or Counselor recommendation

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Students learn to use the computer in everyday life. It includes keyboarding, Word, Excel, PowerPoint, and problem-solving skills.

## **Digital Technology**

Prerequisite: Teacher and/or Counselor recommendation

Grade(s): 11-12                      Trimesters: 2-3                      Credit: 1 or 1 ½

Students will learn computer and digital technology skills, including maintenance, repairing and updating computers and other information technology devices. This course requires students who are self-motivated and can demonstrate professional work skills, including proper work ethic and communication.

## **Junior Seminar**

Prerequisite: None

Grade(s): 11                      Trimesters: 1                      Credit: ½

Career core elective for:

Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing & Technology (T, P)  
Human Services (P)  
Natural Resources and Agriscience (P)

The purpose of this course is to help Juniors prepare for the Michigan Merit Exam by practicing SAT-type and ACT Work Keys-type questions using the Internet through KHAN Academy software and other resources available to AHS. Students will also have the opportunity to research careers including education, training, salary and location. Students will then be able to explore and research colleges, universities, or trade schools they are considering attending in their post-secondary experience related to their career goals. Our counseling staff will help students better understand financial aid and scholarship opportunities available.

## **Marketing I & II**

Prerequisite: Marketing I – None; Marketing II – Successful completion or concurrent request of Marketing I

Grade(s): 10-12                      Trimesters: 1 or 2                      Credit: ½ or 1

Career core elective for:

Arts and Communication (P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (P)  
Human Services (T, P)  
Natural Resources and Agriscience (P)

This course is designed to give students an understanding of marketing concepts and its foundations. The primary focus will include an orientation to marketing education, business concepts, marketing concepts, economic concepts, selling, mathematics, and specialized or advanced-level competencies. Field trips will help develop and aid a student's understanding of key concepts. An orientation to the co-op program will also be provided.

## **Programming with Visual Basic**

Prerequisite: Business Applications II

Grade(s): 11-12      Trimesters: 1      Credit: ½

Career core elective for:

Business Management, Marketing and Technology (T,P)

Programming with Visual Basic is a course that instructs students in the correct ways to design and write programs using Visual Basic. The goals are to teach the fundamentals of the programming language and understand and apply design principles, emphasize the development cycle, and to design applications that can be used on handheld computers, cell phones, and web pages, etc. This is a rigorous and comprehensive course in computer programming for students with little or no previous programming experience. (This course is pending Board of Education Approval. Students selecting this course should also select an alternate course as well.)

## **RPG Maker-Game Design Software**

Prerequisite: Business Basics

Grade(s): 10-12      Trimesters: 1      Credit: ½

Career core elective for:

Business Management, Marketing and Technology (T,P)

Engineering, Manufacturing & Technology (T,P)

Human Services (P)

Natural Resources and Agriscience (P)

RPG Maker is a role-playing game software series that allows the user the power to create original role-playing games. It utilizes a highly user-friendly editor interface and graphic capabilities, battle screen layout, data packaging features and a scripting function. Game design incorporates creativity, problem solving, and critical thinking. This is an on-line course through Moodle software.

## **Web Site Design**

Prerequisite: Business Basics

Grade(s): 10-12      Trimesters: 1      Credit: ½

Career core elective for:

Arts and Communication (T,P)

Business Management, Marketing and Technology (T,P)

Natural Resources & Agriscience (P)

This is a one trimester course to introduce students to Web development and design. The students will be taught general design concepts and the process of developing a Web site from sketches to publishing through considerable "hands on" experiences. There is an explanation of networks, the Internet and intranets, ad copyright issues. Learning basic HTML and the vocabulary of the World Wide Web is also taught.

## Language Arts

### **Advanced Acting**

Prerequisite: Introduction to Drama (B or higher)

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (P)

This course offers an intensive look at acting. Students will learn advanced techniques of pantomime, improvisation, and character development for monologue and group performances. They will also read from plays in order to analyze characters and the styles of different playwrights.

### **Advanced Placement English Literature**

Prerequisite: Early World Humanities, World Humanities, American Humanities and teacher approval

Grade(s): 12                      Trimesters: 3                      Credit: 1 ½

This course provides an intensive study of literature for students who wish to benefit from a college-level course on the high school campus. Students will enhance their analytical skills through on-going literary interpretation and critical response. Focus will be placed on literary theme, structure, and style. Writing assignments will be frequent and varied. In May, students may earn college credit by taking the English Literature Exam administered by the College Board.

### **Advanced TV Production**

Prerequisite: TV Media A & B (B+ or higher) and teacher approval

Grade(s): 11-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T)

Business, Management, Market & Technology (T, P)

Engineering, Manufacturing and Technology (T)

For the serious student desirous of pursuing a media career after high school, this course allows individuals to delve further into various types of programming. Students will gain further knowledge of the planning, scripting, filming and editing processes through the analysis and creation of morning newscasts, network-style documentaries and independent projects. A film festival video and possible video work for various groups in the community will round out the course.

### **American Humanities (A, B, & C)**

Prerequisite: World Humanities; Concurrent enrollment in AP U.S. History is suggested

Grade(s): 11                      Trimesters: 3                      Credit: 1 ½

This course presents a chronological study of American literature, art, music and architecture from the Romantic period to the mid-20<sup>th</sup> Century. Material parallels the study of AP U.S. History. Writing assignments will emphasize persuasive, comparative and narrative essays.

### **Children's Literature (A & B)**

Prerequisite: None

Grade(s): 12                      Trimesters: 2                      Credit: 1

In this course, students will examine the different genres of children's and young adult literature, such as picture books, nursery rhymes, fairy tales, and novels. Students are expected to read young adult novels independently, participate in small group/class discussions, and write in a variety of non-traditional genres.

### **Early World Humanities (A, B, & C)**

Prerequisite: Teacher approval; concurrent enrollment in Early World Hist

Grade(s): 9                      Trimesters: 3                      Credit: 1 ½

This course examines literature from ancient civilizations through the early Renaissance. Writing instruction will emphasize analytical and personal narrative essays, as well as poetry, and heavy emphasis will be placed on the revision portion of the writing process. Vocabulary and skill exercises will also be stressed. Material parallels the study of Early World History.

### **English 9 (A, B, & C)**

Prerequisite: None

Grade(s): 9                      Trimesters: 3                      Credit: 1 ½

This course emphasizes comprehension and critical reading strategies, theme identification, characteristics distinguishing particular genre, and qualities of effective writing. Students strengthen their compositional skills by utilizing the writing process. Cultural and historical influences on writing are also explored.

## **English 10 (A, B, & C)**

Prerequisite: None

Grade(s): 10                      Trimesters: 3                      Credit: 1 ½

Students in this course will develop critical response and stance skills as they analyze classical American texts. Writing assignments will emphasize persuasive, comparative, and narrative essays.

## **English 11 (A, B, & C)**

Prerequisite: None

Grade(s): 11                      Trimesters: 3                      Credit: 1 ½

In this class, students will examine the history of British literature and the works of major British authors. As students develop transformational thinking, they will read a number of important texts. Students will also compose in various genres, including a researched essay.

## **Expressive Writing (A & B)**

Prerequisite: Teacher Approval

Grade(s): 11-12                      Trimesters: 2                      Credit: 1

Career core elective for:

Arts and Communication (T,P)

After studying literary models, students will compose short stories, personal narratives, and poems. Additional projects will also be included (editorials, letters to authors, contest responses, etc.). Heavy emphasis will be placed on the revision portion of the writing process in order to take pieces to final draft, publishable status. Vocabulary and skill exercises will also be stressed.

## **Interpersonal Communications**

Prerequisite: None

Grade(s): 9-10                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

Communication aids students in communicating their thoughts and ideas clearly and correctly and in developing their own self-awareness to the degree that they can cause such communications to happen.

The course includes the study of interpersonal communication, the presentation of various speeches, and written assignments based on communication observations. The presentations of informative and persuasive speeches are required for class credit.

## **Introduction to Drama**

Prerequisite: None

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)

Introduction to Drama provides students with an overall study of drama, touching on history of the theatre, techniques/styles of acting, and mechanics of stage production. Students will perform in class in various activities and will be required to write evaluations of plays seen or read.

## **Photojournalism**

Prerequisite: None

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communications (T, P)

This trimester course is an introduction to visual reporting, photojournalism, photography and photo-editing. Not only will students learn how to use the different functions of a D-SLR camera, but they will also learn about photo composition, interviewing, caption writing and ethics. Students will complete multiple photography and writing assignments throughout the trimester, as well as submit a digital portfolio. Students are also required to attend school and community events outside of school time.

## **Science Fiction/Fantasy**

Prerequisite: English 9

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communications (T, P)

Students will explore the far-reaching and ever-intriguing science fiction/fantasy genre through the reading of short stories, plays, poetry, and/or novels. Students will develop analytical compositions in reaction to course selections.



## **Senior English (A&B)**

Prerequisite: None-May not be taken in conjunction with AP English

Grade(s): 12                      Trimesters: 2                      Credit: 1

This course focuses on preparing students for college level writing and reading. Students will read commonly suggested college novels, short stories and poetry. They will also focus on college level writing of essays, projects, exams, and conducting class discussions.

## **Shakespeare**

Prerequisite: None

Grade(s): 10-12 (and motivated 9<sup>th</sup>) Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)

Shakespeare's influence on literature and the English language is unparalleled. Studying his plays provides great insight into the human condition, offers universal themes that students can consider in terms of their own lives, connects to social studies with an interesting historical context, and extends the opportunity to improve critical thinking skills while navigating complex story lines. Essays on the plays would provide students with another opportunity to hone writing skills, especially in citing textual evidence as they analyze the plays and sonnets. Course topics will include a history, a comedy and a tragedy.

## **Stagecraft**

Prerequisite: Introduction to Drama (C or higher)

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T)

This course provides an extensive, hands-on application of the techniques and elements used by the technical staff for a stage production. It includes comprehensive demonstrations of appropriate vocabularies, tools and instruments used in theatre. Through various plays and scenes read/viewed, students will analyze the scenery, make up, lighting, and costumes. Using research, students will be able to explain how a career in this field can apply to many other fields and disciplines. All students are required to work on the play production outside of class time, and attend and critique the performance of the current production.

## **TV Media Production (A & B)**

Prerequisite: None for A, must pass A with a C or higher to do TV Media B

Grade(s): 10-12                      Trimesters: 1-2                      Credit: ½ or 1

Career core elective for:

Arts and Communication (T)

Business, Management, Marketing & Technology (T, P)

Engineering, Manufacturing and Technology (T)

This course includes the study of media's history and effects on life; the proper use of digital video equipment, and the skillful use of appropriate vocabularies associated with the discipline. Students will discover how to apply techniques of in-camera editing to the production process to communicate ideas. They will be able to identify and apply their knowledge of legal issues surrounding production for TV to other academic disciplines through spot and Public Service Announcement creation, which will be broadcast on the morning announcements. Students will be expected to analyze and critique their filming techniques on a daily basis while considering target audiences and the variety of meanings that can be conveyed in one visual place.

## **World Humanities (A, B, & C)**

Prerequisite: Early World Humanities; Concurrent enrollment in AP World History

Grade(s): 10                      Trimesters: 3                      Credit: 1 ½

In this advanced class, students examine works of literature, art and music from around the world. Students analyze historical impacts on literature and develop critical/divergent thinking skills through the application of research techniques. Presented chronologically, material parallels the study of AP World History.

## **Yearbook (A & B)**

Prerequisite: C or higher in Photojournalism or English  
9<sup>th</sup> graders must take Photojournalism prior to or concurrent  
with Yearbook

Grade(s): 9-12                      Trimesters: 2                      Credit: 1

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T, P)  
Human Services (T, P)

In this course, students become published photojournalists, with their work appearing in the Echo Yearbook. Yearbook staff members conduct personal interviews, write news stories and photo captions, develop skills necessary for layout and photography, secure advertising, and become familiar with various computer programs. Students demonstrate proficiency in writing as they take copies through multiple drafts. Yearbook students must be highly organized, hard working, assertive and efficient, and are required to attend events outside of the school day. Students are encouraged to enroll in the "B" section twice to complete assigned projects.

## **Family and Consumer Science**

### **(The) Art of Baking**

Prerequisite: Food Science C+ or higher or permission of the Instructor  
Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Students will learn how to bake a variety of items. Students will go over baking basics and use labs to help educate students on these skills. Students will learn the art of decorating and there will be a focus on the visual aspect of food.

## **Family Living**

Prerequisite: None  
Grade(s): 11-12                      Trimesters: 1                      Credit: ½  
Career core elective for:

Health Sciences (T, P)  
Human Services (T, P)  
Human Services (T, P)

Students will study the impact families have on the way we grow, develop and function as individuals. Topics will include: family structure, changes of the life cycle, relationships, roles, family events and family law. Family living students will learn about the rights and responsibilities of living in a family and society.

## **Food Science**

Prerequisite: None  
Grade(s): 9-12                      Trimesters: 1                      Credit: ½  
Career core elective for:

Health Sciences (T, P)  
Human Services (T, P)

Food Science assists students in understanding how their environment, food availability, food technology, time, behavior and personality affect their diet and food choices. Food preparation will reflect the United States Dietary Guidelines. Students will also complete the scientific evaluation of food.

## **Advanced Food Science**

Prerequisite: Food Science (B+ or Better)  
Grade(s): 10-12 (1<sup>st</sup> trimester only)                      Trimesters: 1                      Credit: ½  
Career Core Elective for:

Health Sciences (T, P)  
Human Services (T, P)

Advanced Food Science is a one-trimester course that builds on the knowledge and skills learned in Food Science. Students will make a variety of healthful food decisions, appreciate food diversity and analyze the impact of science and technology on foods and nutrition. Advanced food preparation techniques will be used in labs.

## **Parenthood**

Prerequisite: None

Grade(s): 11-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Health Sciences (T, P)

Human Services (T, P)

Parenthood Education teaches parenting skills via simulation, interaction with people who are parents and/or care givers, and through direct interaction with children. Parenthood examines personal readiness to become a parent and the issues important to raising healthy children with positive parent-child relationships. Students will develop a personal awareness of knowledge and skills associated with the roles and responsibilities of parenting. Students will look at the physical and emotional factors involved with parenting along with providing for children's needs. Students will also look at the support systems available for parents.

## **Personal Living**

Prerequisite: None

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Business Management, Marketing & Technology

Health Sciences (TP, PP)

Personal Living concentrates on social and personal issues. The student identifies the relationship between present and future career plans, personal priorities and interpersonal interactions. The student practices management and resource skills in the areas of communication, employability and social contributions. A personal finance simulation allows students to learn skills needed for independent living.

# **Mathematics**

## **Algebra I (A, B, & C)**

Prerequisite: 8<sup>th</sup> grade Math

Grade(s): 9-12                      Trimesters: 3                      Credit: 1 ½

Focus is on systems of equations, factoring polynomials, and the properties of families of functions. The functions included in this course are quadratic, rational, exponential and radical.

## **Algebra II (A, B, & C)**

Prerequisite: Geometry

Grade(s): 9-12                      Trimesters: 3                      Credit: 1 ½

This course covers such topics as univariate statistics, exponential & logarithms, polynomial & rational functions, quadratics & conic sections, sequence & series, trigonometric and probability. The students will also learn to use the graphing calculator. While Geometry is a prerequisite for Algebra II, the two courses, with special permission, may be taken concurrently.

## **Algebra II (CA & CB)**

Prerequisite: Geometry Core or Teacher Recommendation

Grade(s): 9-12                      Trimesters: 2                      Credit: 1

This course covers such topics as univariate statistics, exponential & logarithms, polynomial & rational functions, quadratics & conic sections, sequence & series, trigonometric and probability. The students will also learn to use the graphing calculator. May not be taken concurrently with Geometry.

## **AP Calculus AB**

Prerequisite: PreCalculus

Grade(s): 11-12                      Trimesters: 3                      Credit: 1 ½

Career core elective for:

Business Management, Marketing and Technology (P)

Engineering, Manufacturing and Technology (P)

Health Sciences (P)

This class will prepare students for the AP Calculus AB exam. It is the equivalent of one semester of college calculus. Topics in differential and integral calculus are covered with an emphasis on their applications to real world problems. The graphing calculator is utilized to enhance the solving of problems.

## **AP Statistics (A & B)**

Prerequisite: Probability & Statistics (Success completion of or concurrent request of)

Grade(s): 10-12                      Trimesters: 2                      Credit: 1

Career core elective for:

Business Management, Marketing and Technology (P)  
Engineering, Manufacturing and Technology (P)  
Health Sciences (P)  
Human Services (P)

This course will prepare students for the AP Statistics exam. It will focus on the areas of sampling and experimentation, describing and displaying data, identifying patterns, and statistical inference.

## **Geometry (CA, CB, & CC)**

Prerequisite: Algebra I and Teacher Recommendation

Grade(s): 9-12                      Trimesters: 3                      Credit: 1 ½

Geometry CA & CB includes such topics as plane geometry, basic algebra skills, problem solving, logical reasoning and proof. In addition, a review of basic math and algebra skills will also be included in this course.

## **Geometry (A, B, & C)**

Prerequisite: Algebra I

Grade(s): 9-12                      Trimesters: 3                      Credit: 1 ½

This course emphasizes logical reasoning and problem solving involving plane and solid figures. Students will learn to justify their thinking using formal and informal proofs. Students will apply algebra skills to solving geometric problems.

## **Personal Finance I and II**

Prerequisite: Algebra II

Grade(s): 11-12                      Trimesters: 2                      Credit: 1

Career core elective for:

Business Management, Marketing and Technology (T, P)  
Human Services (T, P)

This class applies math skills to real-life topics. Areas covered are income and taxes, banking, credit, buying a home or a car, insurance and investments. (*Personal Finance I and II can be taken independently*)

## **Precalculus (A, B, & C)**

Prerequisite: Algebra II

Grade(s): 10-12                      Trimesters: 3                      Credit: 1 ½

Career core elective for:

Business Management, Marketing and Technology (P)  
Engineering, Manufacturing and Technology (P)  
Health Sciences (P)

Precalculus is a course designed to prepare students for the study of higher mathematics by giving them the necessary algebraic, trigonometric, and graphical analysis skills needed to be successful. This course is of value to those students who plan to specialize in mathematics and science related fields.

## **Probability and Statistics**

Prerequisite: Algebra II

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Business Management, Marketing and Technology (P)  
Engineering, Manufacturing and Technology (P)  
Health Sciences (P)  
Human Services (P)

This course is intended for high school students who want a basic knowledge of probability and statistics that will prepare them for college level statistics. The emphasis in this class is on data manipulations and representations as well as using both descriptive and inferential statistics to describe and analyze data.

## **Trigonometry**

Prerequisite: Algebra II or Algebra II CA/CB

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Business Management, Marketing and Technology (P)  
Engineering, Manufacturing and Technology (P)  
Health Sciences (P)  
Human Services (P)

This course is designed to provide the student with the proper trigonometric skills and understanding needed for success in further courses. It will also demonstrate the usefulness and applicability of trigonometry in the world today. The emphasis in this class is the study of trigonometric and circular functions.

## Music

### **Chamber Choir**

Prerequisite: Audition

Grade(s): 9-12

Trimesters: 3

Credit: 1 ½

Career core elective for:

Arts and Communication (T,P)

This choir provides the advanced choral student with an in-depth and comprehensive study of choral music and related works. Students will learn a variety of music from different eras and cultures and develop stronger sight-reading skills. The course provides multiple performance opportunities within the school and community. Performance opportunities include Solo and Ensemble Festival, SW MI Vocal Festival, Regional and State Honors choir, winter and spring concerts, and MSVMA Choral Festival. Group performance participation is required.

### **HS Band (Winds)**

Prerequisite: Pass 8<sup>th</sup> grade Band with a "C" or Director Approval

Grade(s): 9-12

Trimesters: 3

Credit: 1 ½

Career core elective for:

Arts and Communication (T,P)

This high school band class provides an opportunity for the ongoing development of musical ability on woodwind and brass instruments and the responsibility of performing on a regular basis as a part of a musical ensemble that represents the school and community. Membership dictates responsibility and daily personal practice and required performances and rehearsals outside of the school day and on weekends particularly with two separate band classes. Enrollment also entitles students to participate in Solo and Ensemble Festivals, as long as it is during the trimester we are in is involved in that activity. Summer Marching Band Camp and other rehearsals and performances outside of the school day are also an integral part of the process and therefore are required for all 1<sup>st</sup> trimester high school band students. We participate in District Festivals, 3-4 concerts, marching band competitions, community parades and other activities.

### **HS Band (Percussion)**

Prerequisite: Pass 8<sup>th</sup> grade Band with a "C" or Director Approval

Grade(s): 9-12

Trimesters: 3

Credit: 1 ½

Career core elective for:

Arts and Communication (T,P)

This high school band class provides an opportunity for the ongoing development of musical ability on percussion instruments and the

responsibility of performing on a regular basis as a part of a musical ensemble that represents the school and community. We have two separate band classes to meet the individual needs of students. During the 1<sup>st</sup> trimester the color guard and pit percussion enroll in this class. During the 2<sup>nd</sup> and 3<sup>rd</sup> trimesters, winds and percussion will be two separate classes with winds in the Brass and Woodwinds and percussion in this class. Membership dictates responsibility and daily personal practice and required performances and rehearsals outside of the school day and on weekends particularly with two separate band classes. Enrollment also entitles students to participate in Solo and Ensemble Festivals, as long as it is during the trimester we are in is involved in that activity. Summer Marching Band Camp and other rehearsals and performances outside of the school day are also an integral part of the process and therefore are required for all 1<sup>st</sup> trimester high school band students. We participate in District Festivals, 3-4 concerts, marching band competitions, community parades and other activities.

### **Men's Choir**

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: 1

Career core elective for:

Arts and Communication (T,P)

This choir is open to all male students, grades 9-12. Students will be introduced to men's choral literature while focusing on vocal technique, elements of music, and sight-reading. Students will experience a variety of literatures from different genres and be introduced to basic music theory.

### **Music Theory**

Prerequisite: None

Grade(s): 10-12

Trimesters: 1

Credit: ½

Career core elective for:

Arts and Communications (T,P)

This course is intended for students who are considering pursuing music study at a college level. It will also accommodate students who are interested in music study, but do not wish to be a part of a performance ensemble. This is a course study of music theory, from the basics of music notation to harmonic analysis. Students will systematically study the elements of music theory as outlined in a textbook and workbook. Daily written assignments will be given to practice these elements.

## **Treble Choir**

Prerequisite: Audition

Grade(s): 9-12                      Trimesters: 3                      Credit: 1 ½

Career core elective for:

Arts and Communication (T,P)

This ensemble of Treble vocalists develops continued comprehensive musicianship and provides training in choral singing. Students will experience continued study of sight-reading and performance of varied repertoire and vocal literature. The process of ensemble training culminates in a variety of concert performance opportunities. Performance opportunities include Solo and Ensemble Festival, South Western Michigan Vocal Music Festival, Choral Festival, Regional and State Honors Choirs and winter and spring concerts.

## **Varsity Choir**

Prerequisite: None

Grade(s): 9-12                      Trimesters: 2 Consecutive                      Credit: 1

Career core elective for:

Arts and Communication (T, P)

This choir is open to all students, grades 9-12. An ensemble of vocalists which develops general musicianship and provides training in choral singing for those who wish to be part of a vocal music experience. Students will focus study on vocal-choral technique, elements of music, and an introduction to sight-reading. Students will experience a variety of literatures from different genres and be introduced to the basic music theory. Students may be required to perform at concerts or special events at the teacher's discretion.

# **Physical Education**

## **Advanced Sports Training**

Prerequisite: Successful completion or concurrent request of Health Health (previous or concurrent)

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)

Health Science (P)

Human Services (T, P)

This class focuses on conditioning for all sports. This is an Advanced Physical Education Class which will require students to do conditioning activities, weight room activities and some sports specific activities.

## **Aquatics**

Prerequisite: Successful completion or concurrent request of Health

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)

Health Sciences (T, P)

Human Services (T, P)

This is a basic aquatic class that focuses on stroke perfection, endurance conditioning, personal water safety, boater safety, basic diving, and mask and snorkel swimming. This course will also provide first aid, CPR, and rescue skills training.

## **Health**

Prerequisite: None

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Health Services (T)

Human Services (T)

Through health education, students learn to obtain, interpret, and apply health information and services in ways that protect and promote personal, family, and community health. All students will show competence in following eight health education content standards: Core concepts, access information, health behaviors, influences, goal setting, decision making, social skills and advocacy.

## **Physical Wellness**

Prerequisite: None

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Physical Wellness is a participation-based class designed for all students. Activities will take place inside, outside and in the pool. Students will also be challenged in Cardio-Endurance work such as Agility Exercises, Circuit Training and Timed Runs. Overall fitness is the goal.



## **Strength and Conditioning**

Prerequisite: Successful completion or concurrent request of Health

Grade(s): 9-12                      Trimesters: 1 (repeatable)                      Credit: ½

Career core elective for:

Arts and Communication (T, P)

Health Sciences (T, P)

Human Services (T, P)

Strength & Conditioning is an advanced class designed for highly motivated individuals who like to work hard. Students will be challenged physically using the Bigger-Faster-Stronger program. Students will focus on the major skeletal muscles and the techniques that develop those muscles. Students will also be exposed to Plyometrics, Agility Work, Timed Runs and other cardio-endurance training techniques. Overall fitness and knowledge of proper training is the goal.

## **Strength and Conditioning/Girls**

Prerequisite: Successful completion or concurrent request of Health

Grade(s): 9-12                      Trimesters: 1 (repeatable)                      Credit: ½

Career core elective for:

Arts and Communication (T, P)

Health Sciences (T, P)

Human Services (T, P)

Strength & Conditioning is an advanced class designed for highly motivated individuals who like to work hard. Students will be challenged physically using the Bigger-Faster-Stronger program. Students will focus on the major skeletal muscles and the techniques that develop those muscles. Students will also be exposed to Plyometrics, Agility Work, Timed Runs and other cardio-endurance training techniques. Overall fitness and knowledge of proper training is the goal.

## **Team Activities**

Prerequisite: Physical Wellness & Health (previous or concurrent)

Grade(s): 9-12                      Trimesters: 1 (repeatable)                      Credit: ½

Career core elective for:

Arts and Communication (T, P)

Health Sciences (T, P)

Human Services (T, P)

Team Activities is an advanced participation class designed for students who like hard work and strenuous activity. Students will be challenged physically in a variety of team settings and competition. Team strategies, knowledge

of sport rules and overall safety in athletics will be stressed. Some activities will take place in the pool. Overall fitness is the goal.

## **Science**

### **Advanced Placement Biology**

Prerequisite: Biology and Chemistry

Grade(s): 11-12                      Trimesters: 3                      Credit: 1 ½

Career core elective for:

Health Sciences (P)

Natural Resources and Agriscience (P)

Advanced Placement Biology is a class designed to give motivated high school students an opportunity to participate in a college-level biology course. Topics covered include molecules and cells, heredity and evolution, plants, animals and ecology. 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. The goal of the course is to prepare students to take and pass the AP Biology exam.

### **Advanced Placement Chemistry (Offered 2017-2018)**

Prerequisite: Biology and Algebra II (concurrent)

Grade(s): 10-12                      Trimesters: 3                      Credit: 1 ½

Career core elective for:

Engineering, Manufacturing and Technology (P)

Health Sciences (P)

AP Chemistry follows the topics in lecture and in laboratory of a typical first year college course in general chemistry. Students will attain a depth of understanding of the fundamentals of chemistry, competence in answering chemical problems, an ability to express their ideas in writing and orally, and an ability to think clearly and logically. The course will cover chemical theories that are the foundation for all areas of chemistry. Qualitative and quantitative laboratory work will be an essential component of the course. The goal of course is to prepare students to take and pass the AP Chemistry exam and earn college credit.

### **Advanced Placement Physics** (*Offered 2016-2017*)

Prerequisite: Biology and Algebra II (concurrent)

Grade(s): 10-12                      Trimesters: 3                      Credit: 1 ½

Career core elective for:

Engineering, Manufacturing and Technology (P)

This course is equivalent to a typical first-semester college course in algebra-based physics. The course covers the study of forces and moving objects for both linear and circular motion; work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. The goal of the course is to prepare students to take and pass the AP Physics I exam and earn college credit.

### **Advanced Topics in Chemistry**

Prerequisite: Algebra I and Chemistry

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career Core elective for:

Health Sciences (P)

Engineering, Manufacturing and Technology (P)

Advanced Topics in Chemistry is a one-trimester course that builds on the skills mastered in Chemistry. Topics will include thermochemistry, acid/base chemistry, oxidation/reduction chemistry, kinetics, nuclear chemistry, and electrochemistry. Qualitative and quantitative laboratory work will be an essential component of the course. The trimester will end with a self-directed lab activity.

### **Anatomy & Physiology (A & B)**

Prerequisite: Biology

Grade(s): 10-12                      Trimesters: 2                      Credit: 1

Career core elective for:

Arts and Communication (P)

Health Sciences (T, P)

Human Services (T, P)

Natural Resources and Agriscience (P)

Anatomy & Physiology is a detailed survey of the structure and function of the human organism at the cell, organ and system levels. It is designed for students with interest in science careers and/or college level science courses. *Dissections of frogs and various organs will be performed to enhance the learning process.*

### **Anatomy & Physiology II**

Prerequisite: Anatomy & Physiology A and B

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (P)

Health Sciences (T, P)

Human Services (T, P)

Natural Resources and Agriscience (P)

Anatomy & Physiology II is a continuation of Anatomy & Physiology I. It is a detailed survey of the structure and function of the human organism at the cell, organ, and system levels. It is designed for students with an interest in science careers and/or college level science courses. *Dissections of various organs and organisms will be performed to enhance the learning process.*

### **Astronomy**

Prerequisite: Biology

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)

Human Services (P)

Natural Resources and Agriscience (T, P)

Astronomy is designed to expose students to the study of our night sky and the many wonders that it holds. Students will be studying the evolution of the planets, lunar surface and features, solar energy, telescopes and their components, constellations, and the driving forces of our solar system. Students will be asked to participate in constellation observation sessions both independently as well as with the class.

### **Biology (A, B, & C)**

Prerequisite: None

Grade(s): 9                                      Trimesters: 3                      Credit: 1 ½

Biology is the study of life and the interactions of life with its environment. Students will study the organization and development of living systems, genetics, evolution, and biodiversity. Students will use inquiry and reflection while learning of the social implications of these biology topics.



## **Chemistry (A &B)**

Prerequisite: Biology and Algebra I

Grade(s): 10-12                      Trimesters: 2                      Credit: 1

Career core elective for:

Business Management, Marketing and Technology (P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (P)  
Human Services (P)  
Natural Resources and Agriscience (P)

Chemistry is the study of matter and the changes in matter that occur around us everyday. Students are exposed to basic chemical theories and concepts. They apply science problem-solving skills to everyday problems. Students are also exposed to a variety of laboratory equipment and techniques.

## **Earth Science (A & B)**

Prerequisite: Biology

Grade(s): 9-11                      Trimesters: 2                      Credit: 1

Career core elective for:

This course will discuss the Earth systems (hydrosphere, geosphere, and atmosphere) and man's impact upon them. Specific topics may include the water cycle, nutrient cycles, energy and matter transformations, rock cycle, and the relationship between the ocean and the atmosphere and how it impacts weather. Michigan's geology and proximity to the Great Lakes will be discussed in relationship to the Earth's systems.

## **Ecology-Conservation (Spring)**

Prerequisite: Biology

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

This course is a lab/activity-oriented class designed to give students an increased knowledge and awareness about the world in which they live. The ecology course will focus on the impact of human activity, invasive species, population growth, and pollution on the environment. Special attention will be given to preserving the ecology and biodiversity of MI. Students must be

willing to read and study text, complete labs outside, observe and analyze the natural world and communicate their findings in both written and oral format. Students will be expected to participate in planned fieldtrips.

## **Ecology-Ecosystem Fundamentals (Fall)**

Prerequisite: Biology

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

This course is a lab/activity-oriented class designed to give students an increased knowledge and awareness about the world in which they live. The ecology course will focus on the interactions between organisms and their environments. Throughout the trimester, topics such as river systems, natural resources, energy flow and various ecosystems will be surveyed. Special attention will be given to the ecology of the Earth focusing on MI. Students must be willing to read and study text, complete labs outside, observe and analyze the natural world and communicate their findings in both written and oral format. Students will be expected to participate in planned fieldtrips.

## **Geology**

Prerequisite: Biology and Earth or IPEC

Grade(s): 10-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (P)  
Engineering, Manufacturing and Technology (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

This course is a lab/activity oriented class designed to give students an increased knowledge and awareness about the development and structures of the world in which they live. Geology will focus on the Earth's history and changes over time, both the present and the past. Students must be willing to read and study text, observe and analyze the natural world and communicate their findings in both written and oral format. *Does not meet the Earth Science graduation requirement.*

## **Honors Biology (A, B, & C)**

Prerequisite: None

Grade(s): 9

Trimesters: 3

Credit: 1 ½

Biology is the study of life and the interactions of life with its environment. Students will study the organization and development of living systems, genetics, evolution, and biodiversity. Students will use inquiry and reflection while learning of the social implications of these biology topics. This course will cover advanced topics in biology.

## **Introduction to Engineering**

Prerequisite: Must have completed 2 credits of math & 2 credits of science

Grade(s): 11-12

Trimesters: 1

Credit: ½

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

This course is a project based course that will introduce students to the field of engineering. Students will be exposed to the engineering disciplines, the engineering job functions, engineering communications, and ethics through projects, presentations, and classroom discussions. Students will be expected to work in problem-solving teams, document their progress and communicate their results in both written and oral format.

## **Physics (A & B)**

Prerequisite: Biology

Grade(s): 10-12

Trimesters: 2 Credit: 1

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

Health Sciences (P)

Human Services (P)

Physics is the study of energy in all its forms along with the various ways that energy changes from one form to another. This course includes such topics as: describing motion, forces, kinetic and potential energy, sound, light, electricity, magnetism and nuclear energy. Students will apply the fundamental concepts of physics to common, real-world situations through the use of problem-solving activities and lab-based projects.

## **Regular Science Sequence**

### **SAMPLE**

	<b>Tri 1</b>	<b>Tri 2</b>	<b>Tri 3</b>
9 <sup>th</sup> grade	Biology A	Biology B	Biology C
10 <sup>th</sup> grade	Earth Science A, Chemistry A, or Physics A	Earth Science B, Chemistry B, or Physics B	Elective
11 <sup>th</sup> grade	Earth Science A, Chemistry A, or Physics A*	Earth Science B, Chemistry B, or Physics B	Elective
12 <sup>th</sup> grade	Elective	Elective	Elective

## **Advanced Science Sequence**

### **SAMPLE**

	<b>Tri 1</b>	<b>Tri 2</b>	<b>Tri 3</b>
9 <sup>th</sup> grade	Honors Biology A	Honors Biology B	Honors Biology C
10 <sup>th</sup> grade	AP or Regular Chemistry or Physics	AP or Regular Chemistry or Physics	AP Chemistry or Physics
11 <sup>th</sup> grade	AP or Regular Chemistry or Physics	AP or Regular Chemistry or Physics	AP Chemistry or Physics
12 <sup>th</sup> grade	AP Biology or Anatomy & Physiology or Electives		

## Social Studies

### **Advanced Early World History (A, B, & C)**

Prerequisite: 8<sup>th</sup> grade social studies/Counselor recommendation  
Grade(s): 9                      Trimesters: 3                      Credit: 1 ½

In this course, students will study civilization's progress from prehistoric times to the dawn of the modern era. Students will examine ancient, medieval and Renaissance civilizations. Students who enroll in this class should enjoy reading. Research and writing are strongly emphasized. *Students must enroll concurrently in Early World Humanities and Advanced Early World History.*

### **American Studies (A, B, & C)**

Prerequisite: World History and teacher/counselor recommendation  
Grade(s): 9-10                      Trimesters: 3                      Credit: 1 ½

American Studies is a survey course of United States history from the post-Reconstruction era to the present. This course will cover the major themes in United States history with an emphasis on the development of reading comprehension and writing skills. This class meets the United States History requirement.

### **AP History: European**

Prerequisite: Teacher Recommendation  
Grade(s): 10-12                      Trimesters: 3                      Credit: 1 ½  
Career core elective for:  
    Arts and Communication (P)  
    Human Services (P)

This course is a study of European history, concentrating on the period from approximately 1400-1990. The course will attempt to develop in students an understanding of some of the themes of modern European history, as well as an ability to analyze historical evidence. AP European History will require a large volume of reading and should be taken only by highly motivated students.

### **AP Government and Politics: United States**

Prerequisite: United States Government and Politics  
Grade(s): 12                      Trimesters: 1                      Credit: 1/2  
Career core elective for:

    Arts and Communication (P)  
    Human Services (T, P)

Advanced Placement United States Government and Politics offers an in-depth study of the foundations of the political system of the United States, its institutions and how the system functions.

### **AP History: United States**

Prerequisite: AP History: World or teacher recommendation  
Grade(s): 11-12                      Trimesters: 3                      Credit: 1 ½  
Career core elective for:

    Arts and Communication (P)  
    Human Services (P)  
    Natural Resources and Agriscience (P)

AP United States History will cover the history of the American colonies and the United States from about 1400 to the present. The course will attempt to develop in students an understanding of themes in American history while working to help students acquire and enhance their ability to analyze and apply historical information. Students are urged to enroll concurrently in American Humanities. This course will require a large volume of reading and should be taken only by highly motivated students.

### **AP History: World**

Prerequisite: Early World History  
Grade(s): 10                      Trimesters: 3                      Credit: 1 ½  
Career core elective for:

    Arts and Communication (P)  
    Human Services (P)

AP World History will study the evolution of global processes and contacts, in interaction with different types of human societies. The focus of study will be the past one thousand years. This course will attempt to develop an understanding of the themes of World History as well as an ability to analyze historical evidence. A large volume of reading is required for this course and should be taken only by highly motivated students. Students must enroll concurrently in World Humanities and AP History: World.

## **Cultural Anthropology**

Prerequisite: World History/United States History  
Grade(s): 11-12                      Trimesters: 1                      Credit: ½  
Career core elective for:  
    Arts and Communication (T, P)  
    Human Services (T, P)

This course introduces students to the field of cultural anthropology. Students will learn the concepts, perspectives and theories needed to understand the different cultures of people around the world, including those of industrial and post-industrial societies. This class will explore a wide-range of topics, such as culture, research methods, language, economic and political systems, family, migration, art and disease.

## **Current Events**

Prerequisite: United States History  
Grade(s): 10-12                      Trimesters: 1                      Credit: ½  
Career core elective for:  
    Arts and Communication (T, P)  
    Human Services (T, P)

Current Events will cover significant news topics and issues of the world in general and the United States in particular. Students will do in-depth studies, prepare position papers, prepare for debates and do research on various subjects and issues.

## **Economics and Government (A, B, & C)**

Prerequisite: U.S. History  
Grade(s): 11 or 12                      Trimesters: 3                      Credit: 1 ½

This course will cover both Economics and U.S. Government with 18 weeks dedicated to each area. Economics is the study of choice and human behavior. In this class, students learn about individual, business and household choices; and how they impact reality. Economic systems and the role(s) of government on both the domestic and international fronts are also addressed. The United States Government and Politics portion of the course involves the study of the foundations, institutions and functions of the political system and governing bodies of the United States. Information on local and state government is integrated throughout the course.

## **Economics II**

Prerequisite: Introduction to Economics  
Grade(s): 11-12                      Trimesters: 1                      Credit: ½  
Career core elective for:  
    Business Management, Marketing and Technology (T, P)  
    Human Services (T, P)  
    Natural Resources and Agriscience (P)

Economics II focuses on global/macroeconomics, with a mini-session dealing specifically with the economy of Michigan. Designed for students with an interest in economics, the class will focus on macroeconomic principles and how the economy of the United States fits into the global economy.

## **History through Film and Literature**

Prerequisite: United States History  
Grade(s): 10-12                      Trimesters: 1                      Credit: ½  
Career core elective for:  
    Arts and Communications (T, P)  
    Human Services (T, P)

This course is designed to accommodate interest in particular memorable moments in history. The class will deal with eras, topics, incidents, or themes in history. Examples of various courses of study could include the Civil War, women in history, the Vietnam conflict, war in history, etc. Pertinent literature and film sources will provide the medium for exploring these topics.

## **Michigan History**

Prerequisite: None  
Grade(s): 9-12                      Trimesters: 1                      Credit: ½  
Career core elective for:  
    Human Services (T, P)  
    Natural Resources and Agriscience (T, P)

Michigan History includes the study of the geography and geological formation of Michigan, early Native American life, the story of the French and British periods and the transition of Michigan from a territory to statehood. The major emphasis after statehood is the study of special topic areas showing their early development to the present.

### **P.A.L. I**

Prerequisite: Nomination by Student Body; Application Process  
Grade(s): 10-12                      Trimesters: 1                      Credit: ½  
Career core elective for:  
    Health Sciences (T, P)  
    Human Services (T, P)

P.A.L. I is the training program for Peer Assistant Listeners. Students are nominated by the student body because of their natural helping skills. Students are trained in attentive listening, facilitative resounding, problem-solving, decision-making, and the realities of adolescent problem behaviors like substance use/abuse, suicide, and teen pregnancy.

### **P.A.L. II**

Prerequisite: P.A.L. I and approval process  
Grade(s): 10-12                      Trimesters: 1 (repeatable)                      Credit: ½  
Career core elective for:  
    Health Sciences (T, P)  
    Human Services (T, P)

P.A.L.II is a practicum class. Students are placed at an elementary school, middle school, or high school setting. P.A.L. skills are practiced with one-to-one or small group contacts with the PAL as the facilitator. P.A.L. II's are monitored by an on-site supervisor as well as a high school counselor. P.A.L. II's must be positive role models and must follow both Allegan High School policies as well as rules of the school they are assigned. Students must have their own transportation for an elementary school placement. Cannot be taken concurrently with Cadet Teacher or Mentoring.

### **Psychology**

Prerequisite: None  
Grade(s): 11-12                      Trimesters: 1                      Credit: ½  
Career core elective for:  
    Arts and Communication (P)  
    Business Management, Marketing and Technology (T, P)  
    Health Sciences (T, P)  
    Human Services (T, P)  
    Natural Resources and Agriscience (P)

This course introduces students to the scientific field of psychology. It takes an in-depth look at psychology as both a natural and social science, exploring a wide range of topics that examine human behavior and mental processes in a variety of contexts. Psychology is taught as a survey course; students enrolling in this course should expect to complete several

projects incorporating independent reading and writing components.

### **Sociology**

Prerequisite: World History/U.S. History  
Grade(s): 11-12                      Trimesters: 1                      Credit: ½

This course introduces students to the field of sociology. In this course, students will learn the concepts, perspectives, and theories needed to understand how people behave in our social world. This class will explore a wide-range of topics that examine culture, organizations, stratification, social structure, social deviance, inequalities of race, gender and age, the nature of family, population and the nature of sport.

### **Student Leaders**

Prerequisite: Application  
Grade(s): 9-12                      Trimesters: 1, 2                      Credit: ½, 1

This class will allow students to acquire and improve leadership skills. Needs of the student body and community will be met in a structured way. Students will set goals, develop individual and group service projects, and carry them out to completion in a timely manner. Teamwork skills will be demonstrated as students function on committees and perform the duties necessary to complete assignments.

### **United States Government and Politics (A & B)**

*(Offered in 2016-2017 Only for Class of 2017)*

Prerequisite: Introduction to Economics or AP History: United States  
Grade(s): 12                      Trimesters: 2                      Credit: 1

The United States Government and Politics course involves the study of the foundations, institutions and functions of the political system and governing bodies of the United States. Information on local and state government is integrated throughout the course.

## **United States History (A, B, & C)**

Prerequisite: None

Grade(s): 9                      Trimesters: 3                      Credit: 1 ½

United States History is a three trimester survey course covering the growth and development of the United States from the post-reconstruction era through the present. A major emphasis is placed on how the events of the past impact the present. This class is also designed to help students develop their writing, analytical and reading comprehension skills.

## **World History/Geography (A, B, & C)**

Prerequisite: U.S. History

Grade(s): 10                      Trimesters: 3                      Credit: 1 ½

The purpose of World History/Geography is to help students locate themselves and their society among other peoples and societies in the world. The class takes a global and comparative approach to develop a greater understanding of worldwide events, processes, and interactions among the world's peoples, societies and cultures. By integrating geography and history both time and space are used to engage students in cross-temporal and cross-regional studies. The class will also prepare students to take up the challenges of life in the 21<sup>st</sup> century by enabling them to understand the world they will encounter daily and develop the habits of mind essential for democratic citizenship.

# **Special Education**

## **Economics**

Prerequisite: Based on IEP

Grade(s): 11                      Trimesters: 1                      Credit: ½

This course offers special education students an opportunity to explore the same concepts as in regular education, while studying at a pace consistent with their abilities. Students will leave this course with a better understanding of the American economic system and its role in a global economy.

## **Fundamentals of Algebra (A, B, & C)**

Prerequisite: Based on IEP

Grade(s): 9-12                      Trimesters: 3                      Credit: 1 ½

This course is designed for special education students needing Algebra I A and B credit. This course is the first part of a two-year course in the

fundamentals of Algebra. Focus will be on solving equations, working with linear functions, and graphing. More time is given to the study of each topic.

## **Fundamentals of Algebra II (A & B)**

Prerequisite: Geometry; Based on IEP

Grade(s): 10-12                      Trimesters: 2                      Credit: 1

This course is designed for students in special education needing Algebra II A and B credit. Topics of study include variations, linear & quadratic equation and functions. More time is given for the study of each topic.

## **Fundamentals of Biology (A, B, & C)**

Prerequisite: Based on IPE

Grade(s): 9-10                      Trimesters: 3                      Credit: 1 ½

This course is designed for Special Education students who read between a 3<sup>rd</sup> and 6<sup>th</sup> grade reading level. Biology is the study of life and the interactions of life with its environment. Students will study the organization and development of living systems, genetics, evolution, and biodiversity. Students will use inquiry and reflection while learning of the social implications of these biology topics.

## **Fundamentals of Chemistry (A & B)** *(Offered 2017-2018)*

Prerequisite: Based on IEP

Grade(s): 10-12                      Trimesters: 2                      Credit: 1

This course is designed for Special Education students who read between a 3<sup>rd</sup> and 6<sup>th</sup> grade reading level. Chemistry is the study of matter and the changes in matter that occur around us everyday. Students are exposed to basic chemical theories and concepts. They apply science problem-solving skills to everyday situations. Students are exposed to a variety of laboratory equipment and techniques.

## **Fundamentals of English 9 (A, B, & C)**

Prerequisite: Based on IEP

Grade(s): 9                      Trimesters: 3                      Credit: 1 ½

This course is designed for special education students needing an English 9 credit. Students are exposed to a variety of experiences in writing, reading, speaking, and listening. They will read novels, short stories and articles. They will strengthen their paragraph, reading and comprehension skills. The content is based on the English 9 curriculum.



### **Fundamentals of English 10 (A, B, & C)**

Prerequisite: Based on IEP

Grade(s): 10                      Trimesters: 3                      Credit: 1 ½

This course is for special education students needing English 10 credit. This course will increase their sentence, paragraph, essay, reading and comprehension skills. It includes literary forms such as novels, poetry, articles and short stories. Students will strengthen their written expression skills through the writing process. The content is based on the English 10 curriculum.

### **Fundamentals of English 11 (A, B, & C)**

Prerequisite: Based on IEP

Grade(s): 11                      Trimesters: 3                      Credit: 1 ½

This course is for special education needing English 11 credit. Students will analyze different genres through reading novels, essays and poetry. This course will emphasize essay writing, comprehension and reading skills. The content is based on the English 11 curriculum.

### **Fundamentals of English 12 (A & B)**

Prerequisite: Based on IEP

Grade(s): 12                      Trimesters: 2                      Credit: 1

This course is for special education needing English 12 credit. Students will analyze different genres through reading novels, essays and poetry. This course will emphasize essay writing, comprehension and reading skills. The content is based on the English 12 curriculum.

### **Fundamentals of Geometry (A, B, & C)**

Prerequisite: Based on IEP

Grade(s): 10-12                      Trimesters: 3                      Credit: 1 ½

This course is for special education needing Geometry 1 A and B credit. This course helps students find how Geometry pertains to their life. It covers basic Algebra, Planes and Problem Solving. We will also look at angles, measures and basic proofs. More time is given for the study of each topic.

### **Fundamentals of Physics (A & B) (Offered 2016-17)**

Prerequisite: Based on IEP

Grade(s): 9                      Trimesters: 2                      Credit: 1

This course is designed for Special Education students who read between a 3<sup>rd</sup> and 6<sup>th</sup> grade reading level. Physics is the study of energy in all its forms

along with the various ways that energy changes from one form to another.

In conceptual physics students get to explore physics using basic algebra to solve problems. Students will apply the fundamental concepts of physics to common, real world situations through the use of problem solving activities and lab based projects. Topics included in this course are: describing motion, forces, kinetic and potential energy, sound, light, electricity, magnetism and nuclear energy.

### **Government**

Prerequisite: Based on IEP

Grade(s): 12                      Trimesters: 1                      Credit: ½

The content of this course centers on the citizen's role in the American Democracy. Students will also learn the responsibilities of citizens, and the role of Federal, State, and Local governments. This course offers special education students an opportunity to explore the same concepts as in general education, while studying at a pace consistent with their abilities.

### **Self-Contained Moderately Cognitively Impaired**

#### **Classroom**

Prerequisite: Based on IEP

Grade(s): 9 -12                      Trimesters: As needed                      Credit: ½ to 1 ½

This program is an objective based course of study that is designed for students with mental impairments. This program uses the PER curriculum and covers the following seven areas of instruction: Vocational, Social Competency, Personal and Family Living, Community Living, Communication, Academics, and Driver Education. This program leads to a Certificate of Attendance as determined by the IEPT.

#### **Study Skills**

Prerequisite: Based on IEP

Grade(s): 9 -12                      Trimesters: 1 (Repeatable)                      Credit: ½

This course is designed as a study hall for special education students who are currently enrolled in one or more academic regular education classes that require homework. Students will learn the importance of organization through the process of keeping and using their academic planner provided by the school. Students will also have the opportunity to use their study skills teacher as a resource for help with regular education homework.

## Special Programs

### **Freshman Focus**

Prerequisite: None

Grade(s): 9 (1<sup>st</sup> trimester only)      Trimesters: 1      Credit: ½

Freshman focus class is required of all freshmen in the first trimester, offering a comprehensive exploration of and orientation to (1) school culture; (2) self; (3) community; and (4) individualized career pathways. Methods of approach to the four theme components include class work, specialized materials, in-house and guest lectures, problem solving experiences, and various group or solo exercises.

### **Cadet Teacher**

Prerequisite: Application & Approval Process

Grade(s): 12      Trimesters: 1 (repeatable)      Credit: ½

Career core elective for:

Human Services (T, P)

Cadet Teaching is a practicum class. This class is designed for students who have an interest in developing the learning process of other students at any grade level. Cadet Teachers are supervised by the classroom teacher. Cadet Teachers must be positive role models and must follow both Allegan High School policies as well as rules of the school they are assigned. Students must be able to provide their own transportation to elementary sites. Cannot be taken concurrently with PAL II or Mentoring.

### **Dual Enrollment**

Prerequisite: PLAN/PSAT/MME endorsement and application process

Grade(s): 11-12      Trimesters: 1 (repeatable)      Credit: ½

A Dual Enrollment course is an opportunity for students to take challenging college courses while also attending the high school. Students take college courses at more advanced levels than are offered at Allegan High School or take college courses that are not offered at Allegan High School. Students attend the courses at a college campus and must have their own transportation.

### **Independent Study**

Prerequisite: Teacher & Administrative Approval

Grade(s): 12      Trimesters: 1 (repeatable)      Credit: ½

An Independent Study class is a self-directed learning situation under the guidance of a supervising teacher. Students do an in-depth study in a particular area of interest after completing a class proposal.

### **Mentor Program P.A.T. (Partners Achieving Together)**

Prerequisite: Approval Process

Grade(s): 11-12      Trimesters: 1 (repeatable)      Credit: ½

Career core elective for:      Human Services (T, P)

Mentoring is a practicum class. Mentors are trained to be role models and tutors for middle school students in a one-to-one setting or in small groups. Mentors work with middle school students to build their confidence and self-esteem, strengthen their academic skills, and to develop their study skills. Mentors must be positive role models and must follow both Allegan High School policies as well as rules of the school they are assigned. Mentors are trained and supervised by the Middle School Learning Center Coordinator. Cannot be taken concurrently with PAL II or Cadet Teacher.



## Technical Education Center Programs

*Besides learning specific technical skills in each program, students are graded on employability skills. Employability skills include strict attendance, behavior and dress code policies. Violation of these policies can result in loss of credit. Students may elect to take fewer than three (3) trimesters of these courses.*

### Accounting

Prerequisite:

Grade(s): 11-12                      Trimesters: 3                      Credit: 4 ½

Career core elective for:

Business Management, Marketing and Technology (T, P)

Accounting is the language spoken in every aspect of business. This program blends independent work and classroom demonstrations with online exercises; preparing students for entry-level positions or for college-level financial coursework. While learning double-entry accounting principles, students will realize the important role accounting plays with business decisions. Detailed-oriented and organizational skills helpful, ability to work independently necessary.

### AIS Heavy Equipment

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)                      Credit: 4 ½

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

Students will learn the safe operation, maintenance, and repair of common off-road construction equipment. Skills include basic shop principles, welding, diesel engines, basic electrical, skidsteer operation, backhoe and wheel loader operation and maintenance, basic power trains, hydraulics, excavator, bulldozer, and forklift operation and maintenance. **Should be a detail oriented, analytical thinker, and a complex problem solver who is not afraid of getting dirty.**

### Automotive Technology (Gasoline Engines)

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)                      Credit: 4 ½

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

Troubleshoot, disassemble and repair electrical, fuel, brakes, suspension and steering systems, including use of computerized equipment. **Should have mechanical ability and willingness to learn many new skills.**

### Building Trades

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)                      Credit: 4 ½

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

Learn basic skills involved in the construction industry; masonry, electric wiring, plumbing, heating and air conditioning; work from blue prints. **Math measuring skills are essential, as well as a mature, responsible attitude. Good work ethic and willing to work in all weather.**

### CADD (Computer Aided Drafting & Design)

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)                      Credit: 4 ½

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

Learn to solve complex problems graphically. Create blueprint drawings of auto and machine parts as well as buildings. **Need to be creative, logical, work independently, be a problem solver and enjoy mental challenges. Algebra, geometry and mechanical ability are needed.**

### Computer Information Technology

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)                      Credit: 4 ½

Career core elective for:

Business Management, Marketing and Technology

Students will run a helpdesk and troubleshoot the computer problems at the tech center while gaining hands-on experience with Computer Hardware, Software, Operating Systems, Network Cables, Network Administration, and Network Configuration. Students will have an opportunity to build a new computer. Students may get their CompTIA A+ or Network+ Certification upon completion of the course. **Critical thinking and problem solving skills helpful, strong work ethic, and ability to multitask.**

## **Cosmetology**

Prerequisite: Limited Application Process

Grade(s): 12                      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Human Services (T, P)

Participate in a post secondary state approved cosmetology program. The Tech Center portion covers about 25% of the overall program. Fee of \$400.00 for enrollment in this class is due June 30. **Must be mature and self motivated.**

## **Criminal Justice**

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Human Services (T, P)

Learn about the wide range of careers available in Law Enforcement, Courts, Corrections and Private Security. Learn problem solving skills, crime scene processing, evidence collection, criminal law and application. **Must apply and pass criminal background check. Must be mature; possess personal integrity and high ethical standards.**

## **Culinary Arts**

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Human Services (T, P)

Learn new cooking methods, ways to serve customers, ways to prepare large quantities of food, baking, cake decorating, and catering services. **Must be self motivated and have a strong work ethic.**

## **Electrical Systems and Renewable Energy**

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

Learn the principles of turning wind and solar energy into AC and DC electricity as well as a variety of electrical technician skills. Install weather stations, and conduct weather experiments in wind dynamics and solar radiation, to plan for the best generation sites. Practice safety techniques involved in working aloft to install and maintain small wind generators and solar panels on rooftops. **Should be willing to learn through experimentation.**

## **Health Care Science Foundations**

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Health Sciences (T, P)

Prepares students for entry-level health care employment and provides the foundation for further training in advanced health services occupations. Learn anatomy, physiology, medical terminology, and patient relations. **Must be mature, respect confidentiality, willing to take direction, good at multitasking and working with others.**

## **Health Occupations Academy**

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Health Sciences (T, P)

Second year program follows Health Care Science Foundations. Students will receive advanced health career knowledge and training with hands on skills. Opportunities to job shadow in a variety of Health related fields will help students to narrow their field of study before entering college.

## **Machining & CNC Technology**

Prerequisite: Application Process

Grade(s): 11-12                      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

Students will cut and shape steel, brass, aluminum and other materials into various sizes and configurations from blueprints using specialized tools and equipment. Learn hands-on with the latest high tech advancements in computerized machinery (CNC). Train using manual machine techniques and Computer-aided Machining (CAM) using MasterCam software. **Take this class if you enjoy working with your hands, are mechanically inclined, and are good at visualizing objects and have good math skills.**

## **Marketing and Management**

Prerequisite: Application Process

Grade(s): 11-12      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Business Management, Marketing and Technology (T, P)

Jump into real business situations. Students work with other ACATEC programs and projects to hone their business savvy. Challenge yourself to improve customer service and profit margins while cutting costs. Basic computer applications assist students to control business functions and strategize opportunities. **Critical thinking and problem solving skills helpful; maturity to work independently necessary.**

## **New Media**

Prerequisite: Application Process

Grade(s): 11-12      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Arts and Communication (T, P)

Careers in Visual Imagery start here, design on paper and computer to produce signs, brochures, books, logos, packaging and more. Each trimester will specialize in key skills for design careers, such as Digital Photography or Illustration or Web graphics. **Fast creative problem solvers, original sketching, computer use, along with measuring, public speaking, and enjoy serving clients.**

## **Small Business Operations**

Prerequisite: Application Process

Grade(s): 11-12      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Arts and Communication (T)

Business Management, Marketing and Technology (T)

Engineering, Manufacturing and Technology (T)

Small Business Operations is a one year course that is designed to introduce students to a wide array of "hands-on" skills with an emphasis on refining all of the "soft-skills" necessary to gain and keep employment in today's work world. Must have permission of counselor or special education to enroll into this program.

## **Veterinary Technical Sciences**

Prerequisite: Application Process

Grade(s): 11-12      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Health Sciences (T, P)

Explore the knowledge and skills needed to enter the veterinary medicine field. Students will learn the anatomy and physiology of animal systems and how those systems work together to keep animals healthy. Students will learn animal handling, restraint, vaccination, reproduction, nutrition, and systems monitoring. Students will also use the scientific method to conduct a self-determined research project. **Be a self motivated, dependable worker who can handle multiple tasks and duties; who is able to work in teams.**

## **Teacher Education**

Prerequisite: Application Process

Grade(s): 11-12      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Human Services (T, P)

Work with Head Start preschool students, plus elementary/middle school students to learn what is involved in a career as a teacher. Study teaching principles and classroom management for all grade levels while planning, preparing and presenting lesson plans in classrooms. Teaching Assistant Internship option available mid-year and can possibly be continued into a second year. **Should be mature, self-motivated and organized.**

## **Welding Technology**

Prerequisite: Application Process

Grade(s): 11-12      Trimesters: 3 (3 Hour Block)      Credit: 4 ½

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

Build and repair metal parts; work from blue prints; learn arc, gas, MIG, TIG, oxyacetylene welding; work on layout problems and fabrication projects; work with math and metals. **Have good attendance, be able to work well with others, have a real interest in welding. Hard workers will be recommended for jobs by the instructor.**

# Technology

## **Basic Maintenance**

Prerequisite: None

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Engineering, Manufacturing and Technology (T)

This course is designed to help the students become familiar with the tools and procedures of basic maintenance of their living environment. Emphasis will be placed on the tasks that individuals need to be able to perform to ensure their safety and help them in their daily lives. This course is geared toward Special Education and At Risk students who have minimal skills using hand tools, power tools and basic measuring techniques.

## **Exploring Technology**

Prerequisite: None

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

After first studying the history and development of technology, the students will engage in different problem solving activities. Topic areas will include: Basic Robotics (Mindstorm EV-3 robot construction and programming), Construction Technology (bridge design-building-testing), and Alternative Power Sources (solar race car design and construction). The activities will require the student to work cooperatively with other students while allowing them the opportunity to be creative.

## **Home Maintenance I**

Prerequisite: None

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

This course will cover basic maintenance including repairs, replacement and new installation. Topics will include a variety of themes such as, how a home is constructed, how to make and use scale drawings, building a scale model of a shed, fasteners and fastening methods, basic wall construction, drywall installation and repair. electrical system distribution. wiring an outlet

and cutting and installation of trim materials. This class will emphasize safety in the use of both hand and power tools. Additionally, the course will focus on accurate measurement and estimating the cost(s) involved in various home repair projects. *(May be taken independently of Home Maintenance II)*

## **Home Maintenance II**

Prerequisite: None

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

Engineering, Manufacturing and Technology (T, P)

This course will cover basic maintenance including repairs, replacement and new installation. Topics will include a variety of themes such as, shingle installation and repair, vinyl siding installation and repair, door lockset installation, wiring a light and switch, wiring a new cord plug, sweating copper pipe fittings and construction of a small structure such as a shed, deer blind or dog house. This class will emphasize safety in the use of both hand and power tools. Additionally, the course will focus on accurate measurement and estimating the cost(s) involved in various home repair projects. *(May be taken independently of Home Maintenance I)*

## **World of Technology**

Prerequisite: None

Grade(s): 10-12                      Trimesters: 2                      Credit: 1

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

The main emphasis of this course will be on Manufacturing Technology. Students will study the processes which are used to transform the raw materials of wood, metal and plastic into useable items. Various skills such as: precision measurement, basic shop math, different methods of forming, removal, bonding and production, will be taught. The course will emphasize safe work habits, cooperative work, and a skill based use of various tools and machines. The students will put their newly developed skills to use as they work on a variety of "hands on" projects. Several opportunities for single and group problem solving will be provided.

NOTE: Course can be repeated for credit but the student must have a signed admit slip from the teacher to get back into this class.

## World Languages

### **French I (A & B)**

Prerequisite: None

Grade(s): 9-12                      Trimesters: 2                      Credit: 1

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

French I is started with the TPRS method, then supported with a text. TPRS strives to teach the students French in the manner they learned their first language. Students will learn French through a variety of activities including storytelling, skits, music, film and children's books. These activities improve listening, reading, writing and speaking skills, acquainting the students with the French language and culture with an emphasis on communication. Students will be able to use a variety of vocabulary words, operate in the present tense, comprehend at-level spoken French, and read and write with a high degree of accuracy.

### **French II (A, B, & C)**

Prerequisite: French I

Grade(s): 9-12                      Trimesters: 3                      Credit: 1 ½

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

French II uses TPRS and a text to further expand the student's abilities in the five basic skills of speaking, reading, writing, and listening within thematic areas. Students will continue their study of the French language, concentrating on new vocabulary acquisition and essential grammar structures, especially the past tense. Reading in French will be emphasized. Students completing this level are able to speak in both present and past tense, comprehend spoken French, and read and write at a basic level with a high degree of accuracy. This course best meets the needs of students choosing to continue on in French as advanced topics are covered in addition to completing level two of French.

### **French III (A & B)**

Prerequisite: French II

Grade(s): 10-12                      Trimesters: 2                      Credit: 1

Career core elective for:

Arts and Communication (P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (P)  
Health Sciences (P)  
Human Services (T, P)  
Natural Resources and Agriscience (P)

French III uses a text, along with a variety of other resources, to further expand the student's abilities in the five basic skills of speaking, reading, writing and listening within thematic areas. Students will continue their study of the French language, concentrating on new vocabulary acquisition and essential grammar structures, especially the more specialized verb tenses. Again, reading and writing in French will be stressed. Students completing this level are able to engage in conversation, comprehend another person with limited repetition, read newspaper and magazine articles and write with a high degree of accuracy. Much of the class will be conducted in French.

### **French IV (A & B)**

Prerequisite: French III

Grade(s): 11-12                      Trimesters: 2                      Credit: 1

Career core elective for:

Arts and Communication (P)  
Business Management, Marketing and Technology (P)  
Health Sciences (P)  
Human Services (P)

This course continues preceding French courses. A student's skills in vocabulary, composition and fluency are furthered. Previously learned grammatical forms are expanded upon, and more advanced grammatical concepts are learned. At this level, language abilities expand to include: personal and family affairs, current events, French literature, etc. Students will comprehend speech of native speakers on a variety of topics and continue to develop an appreciation for literature and culture in the target language. This course has a weighted grade and is conducted in French.



## **French V (A & B)**

Prerequisite: French IV

Grade(s): 11-12                      Trimesters: 2                      Credit: 1

Career core elective for:

- Arts and Communication (P)
- Business Management, Marketing and Technology (P)
- Health Sciences (P)
- Human Services (P)

This course covers the equivalent of a third-year college course in French conversation and composition. It encompasses aural/oral skills, reading comprehension, grammar and composition. The course, emphasizing the use of French for active communicating, will stress: the ability to comprehend formal and informal spoken French; the acquisition of vocabulary and grammatical structures needed to read and accurately comprehend newspapers, magazine articles and modern literature in French; the ability to compose expository passages; and the ability to express ideas orally with accuracy and fluency. Students will be encouraged to sit for the College Board AP exam in May to qualify for college credit. This course has a weighted grade.

## **Practical French for Business and Travel**

Prerequisite: French II

Grades: 9-12                      Trimester: 1                      Credit: ½

Career core elective for:

- Arts and Communication (T, P)
- Business Management, Marketing and Technology (T, P)
- Health Sciences (T, P)
- Human Services (T, P)
- Natural Resources and Agriscience (P)

This course acquaints students with vocabulary for business and travel. The course will cover material not taught in French I-V, including business etiquette and vocabulary involving the office, phone use and letter writing. Travel vocabulary, useful phrases and cultural information will also be covered, making use of the Internet and including France and Canada as main focuses.

## **French Cinema and Culture**

Prerequisite: French II previously or concurrently

Grade(s): 9-12                      Trimesters: 1                      Credit: ½

Career core elective for:

- Arts and Communication (P)
- Business Management, Marketing and Technology (P)

This course looks at the food, customs and culture of France and its speakers using film as a reinforcing tool. We will carefully explore the premise that the morals and beliefs of a society at any given time are reflected in its films of the same period. We will view and discuss films and read and write about France over the last 200 years, emphasizing the last 2 centuries.

## **Conversational Spanish**

Prerequisite: Teacher and/or Counselor Recommendation

Grade(s): 9-11                      Trimesters: 2                      Credit: 1

Career core elective for:

- Arts and Communication (T, P)
- Business Management, Marketing and Technology (T, P)
- Engineering, Manufacturing and Technology (T, P)
- Health Sciences (T, P)
- Human Services (T, P)
- Natural Resources and Agriscience (T, P)

This Spanish course will focus on basic expressions and vocabulary that will enable the student to carry on an elementary conversation with a Spanish speaker. The study of Hispanic culture will be a large part of the class. The course will include but not limit itself to the following topics/projects: greetings and farewells, classroom objects and commands, weather and seasons, calendar and days of the week, health and parts of the body, numbers and shopping, colors and clothing, and meals and food. Reading and writing will be taught briefly as an aid to retaining the vocabulary.

## **Spanish I (A & B)**

Prerequisite: None

Grade(s): 9-12

Trimesters: 2

Credit: 1

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

Spanish I is started with the TPR method, and then supported with a text. TPR strives to teach all types of learners Spanish in the manner they learned their first language. Students will learn Spanish through a variety of activities including storytelling, skits, music, movies, technology, and reading materials. Students will be able to use a variety of vocabulary words, operate in the present tense, comprehend at-level spoken Spanish and read and write with a high degree of accuracy. Hispanic culture is woven into the learning experience.

## **Spanish 2 (A & B)**

Prerequisite: Spanish I

Grade(s): 9-12

Trimesters: 2

Credit: 1

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

The student's previous knowledge is used to continue the process of gaining Spanish proficiency in the four areas of speaking, reading, writing, and listening. Students are exposed to the past tenses, commands and reflexive verbs. At the end of the second year students will have a good command of basic Spanish language structures. They will be able to comprehend written and spoken language in the present and past tenses coming from a variety of media including stories, videos and songs. Class participation is key to success. This course completes 2 levels of Spanish and meets the Michigan Merit Curriculum requirement.

## **Spanish II (A, B, & C)**

Prerequisite: Spanish I

Grade(s): 9-12

Trimesters: 3

Credit: 1 ½

Career core elective for:

Arts and Communication (T, P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (T, P)  
Human Services (T, P)  
Natural Resources and Agriscience (T, P)

The student's previous knowledge is used to continue the process of gaining Spanish proficiency in the four areas of speaking, reading, writing, and listening. Students are exposed to the past tenses, commands and reflexive verbs. At the end of the second year students will have a good command of basic Spanish language structures. They will be able to comprehend written and spoken language in the present and past tenses coming from a variety of media including stories, videos and songs. Class participation is key to success. This course best meets the needs of students choosing to continue on in Spanish as advanced topics are covered in addition to completing level two of Spanish.

## **Spanish III (A & B)**

Prerequisite: Spanish II

Grade(s): 10-12

Trimesters: 2

Credit: 1

Career core elective for:

Arts and Communication (P)  
Business Management, Marketing and Technology (T, P)  
Engineering, Manufacturing and Technology (T, P)  
Health Sciences (P)  
Human Services (T, P)  
Natural Resources and Agriscience (P)

Spanish III expands the student's abilities in the four basic skills of speaking, reading, writing and listening within thematic areas. Students will expand their command of the Spanish language by means of being exposed to new vocabulary items, essential grammatical structures, and readings. Students completing this level are able to engage in conversation and comprehend another person without much repetition. Reading authentic materials and writing with a high level of accuracy will be stressed.



### **Spanish IV (A & B)**

Prerequisite: Spanish III

Grade(s): 11-12

Trimesters: 2

Credit: 1

Career core elective for:

Arts and Communication (P)

Business Management, Marketing and Technology (P)

Health Sciences (P)

Human Services (P)

This course gives students the opportunity to further develop their skills in vocabulary, composition and fluency. Students will systematically review and enhance their knowledge of grammatical structures and expand vocabulary in order to increase their effectiveness in communication. Reading, writing and speaking activities will be required in order to increase the range of spontaneous expression. This course has a weighted grade.

### **Spanish V (A & B)**

Prerequisite: Spanish III

Grade(s): 11-12

Trimesters: 2

Credit: 1

Career core elective for:

Arts and Communication (P)

Business Management, Marketing and Technology (P)

Health Sciences (P)

Human Services (P)

This course encompasses listening/oral skills, reading comprehension, advanced grammar and composition. The course, emphasizing the use of Spanish for active communication, will stress: the ability to comprehend Spanish in real life situations, the acquisition of relevant vocabulary, and a grasp of grammatical structures essential for expressing one's self in all aspects of communication. Authentic materials from newspapers, magazines, literary selections, and the internet will be utilized to reach course goals. This course has a weighted grade.

### **Spanish in the Workplace**

Prerequisite: Spanish II or teacher approval

Grade(s): 10-12

Trimesters: 1

Credit: ½

Career core elective for:

Business Management, Marketing and Technology (T, P)

Health Sciences (T, P)

Human Services (T, P)

This course presents the vocabulary necessary to make you understand real-life situations in the workplace. These areas include, but are not limited to law enforcement, the health field, hospitality, business, and human services. This course will cover material not covered in Spanish I-V, including accident reports, criminal investigations, health emergency resolutions, hospital admissions, telephone etiquette, banking, and hotel and restaurant situations. Conversational Spanish is stressed.

# WORK BASED LEARNING

Work-Based Learning is a combination of school-based preparation and supervised worksite experiences designed in collaboration with business/industry to enable students to acquire attitudes, knowledge, and skills for career and other life roles in real work settings. As a structured, coordinated instructional method, Work-Based Learning brings a real-world context to the student's experience. Some of the benefits include: gaining first-hand awareness of workplace environments, developing personal responsibility, gaining specific knowledge and skills, establishing positive relationships with adults, and recognizing the importance of academic learning.

**APPRENTICESHIP** – A relationship between an employer and an employee during which the worker or apprentice learns a trade. The training lasts a specific length of time. An apprenticeship covers all aspects of the trade and includes both on-the-job training and related instruction.

**COOPERATIVE EDUCATION** – A method of instruction that combines work-related learning experiences available in the community with instruction provided in an educational institution.

**INTERNSHIP** – A period of time spent in business, industry, or other agency for the purpose of providing a student with opportunities to gain insight and direct experience related to one or more functions of the organization. Internships give a student paid or unpaid work experience in a career field of study. Unpaid internships usually receive school credit.

**MENTORSHIP** – A relationship between a student and a skilled worker that provides information, guidance, and counseling through a job site experience in the student's area of interest.

**WORK EXPERIENCE** – A planned program of a general job experience.

**WORK STUDY** – A planned program for special education students who are participating in a supervised special education school-to-work transition program coordinated by a school official known as a special education work-study coordinator.

## **NCAA INITIAL – ELIGIBILITY CLEARINGHOUSE**

### **YOUR RESPONSIBILITY AS A PROSPECTIVE STUDENT ATHLETE**

If you are planning to enroll in college as a freshman and you wish to participate in Division I or Division II athletics, you must be certified by the NCAA Initial-Eligibility Clearinghouse. ***It is your responsibility to make sure the Clearinghouse has the documents it needs to certify you.***

These documents are:

- Your completed and signed Student Release Form and fee
- Your official transcript mailed directly from every high school you have attended.
- Your ACT or SAT scores.

When to start the process? Usually during your junior year in high school.

<b>CORE UNITS REQUIRED FOR NCAA CERTIFICATION</b>	Division I	Division II
English	4 years	3 years
Math (Algebra 1 or higher)	3 years	2 years
Science	2 years	2 years
Social Studies	2 years	2 years
From English, Math or Science	1 year	3 years
Additional Core (English, Math, Science, Social Studies, Foreign Language)	4 years	4 years
<b>TOTAL CORE UNITS REQUIRED</b>	<b>16</b>	<b>16</b>

Students can check the NCAA Clearinghouse website at [www.eligibilitycenter.org](http://www.eligibilitycenter.org) for further information.

# Michigan Colleges & Universities

*It is the understanding of the students and staff at **Allegan High School** that continuing education is necessary for both college and university pathway students so they can better compete in the future job market.*

## Upper Peninsula

Bay De Noc Community College  
Gogebic Community College  
Lake Superior St. University  
Michigan Tech. University-Houghton  
Northern Michigan University  
Suomi College-Hancock

## Northern Michigan

Alpena Community College  
Baker College of Cadillac  
Ferris State University  
Kirtland Community College  
North Central Michigan College  
Northwestern Michigan College  
West Shore Community College

## Mid Michigan

Alma College  
Baker College of Muskegon  
Baker College of Port Huron  
Central Michigan University  
Delta College  
Great Lakes Junior College  
Mid Michigan Community College  
Montcalm Community College  
Muskegon Community College  
Northwood University  
Saginaw Valley State University  
St. Clair Community College

## Lansing Area

Baker College of Owosso  
Davenport College of Business  
Great Lakes Christian College  
Lansing Community College  
Michigan State University

## Grand Rapids Area

Aquinas College  
Calvin College  
Cornerstone College  
Davenport College of Business  
Grace Bible College  
Grand Rapids Community College  
Grand Valley State University-Allendale  
Kendall College of Art and Design  
Reformed Bible College

## Kalamazoo Area

Davenport University  
Kalamazoo College  
Kalamazoo Valley Community College  
Western Michigan University

## Lower Michigan

Adrian College  
Albion College  
Alma College  
Andrews University  
Baker College-Jackson  
Eastern Michigan University  
Glen Oaks Community College  
Hillsdale College  
Hope College  
Jackson Community College  
Kellogg Community College  
Lake Michigan College  
Monroe County Community College  
Olivet College  
St. Mary's College  
Siena Heights College  
Southwestern Michigan College  
Spring Arbor College

## Flint Area

Baker College of Flint  
Charles S. Mott Community College  
Kettering (formerly GMI)  
University of Michigan-Flint

## Detroit Area

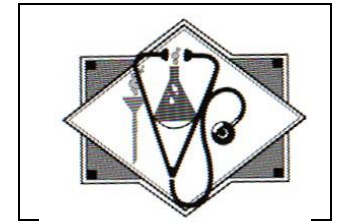
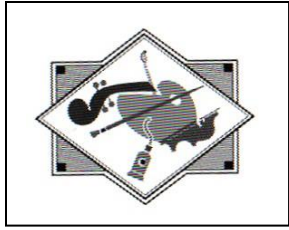
Baker College of Mt. Clemons  
Center for Creative Studies  
Detroit College of Business  
Henry Ford Community College  
Lawrence Technological University  
Lewis College of Business  
Macomb Community College  
Madonna University-Livonia  
Marygrove College  
Oakland C.C.-Bloomfield Hills  
Sacred Heart Seminary College  
Schoolcraft College-Livonia  
University of Detroit Mercy  
University of Michigan-Dearborn  
Walsh College of Acct. & B.A.-Troy  
Wayne County Community College  
Wayne State University  
William Tyndale College-Farming Hills

## Rochester Area

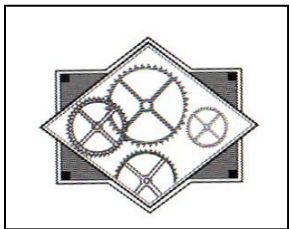
Baker College of Auburn Hills  
Michigan Christian College  
Oakland University

## Ann Arbor Area

Cleary College  
Concordia College  
University of Michigan  
Washtenaw Community College



Allegan High School  
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Allegan, MI 49010  
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