

INTRODUCTION

This registration handbook describes the educational opportunities available to PHS students and is designed to aid in planning each student's course selections. There is a wide variety of exciting courses available at Platteville High School and students are encouraged to choose wisely. The course selection process is just a part of a four-year plan to take the greatest advantage of the opportunities available for vocational exploration and preparation, post-secondary education preparation and personal enrichment. Our curriculum is designed to meet these needs for each of our students. It is up to you, as a student, to make the most of the opportunities. Ask questions. Plan ahead. You will ultimately benefit by choosing courses that are interesting to you and maximize your potential. Pursue Excellence!

– Dr. Jeffrey D. Jacobson, Principal

GUIDELINES ON CLASS CHANGES

The total high school program (teacher and student class assignments) is set up based on the course selections students make during initial registration. In other words, classes are offered based upon the number of requests made. By changing a schedule, we are altering the number of students in a class, which can produce the following undesirable effects:

1. Reduce class size to a point where it would be no longer practical to offer the class.
2. Increase class enrollment so that a sound learning environment would no longer be present.
3. Make it difficult for teachers to begin instruction at the start of a semester.
4. Suggest to student that prior planning is not important.

Permitted:

1. Student fails a required class and needs to make up the credit.
2. Due to a schedule conflict, the student needs to make another choice.
3. Evidence of a scheduling/computer error.
4. Course is not in accordance with ability. (Requires recommendation of teacher.)

Not Permitted:

1. Student wishes to drop a course and add a similar level course due to change in preference.
2. Change of schedule because of personal preference (different teacher, lunch, study hall time, friend in other class, etc.).
3. Dropping a class after the two-week drop/add period.

GRADUATION REQUIREMENTS

As you prepare to register for next year, now would be an excellent time to review your future goals. Are your class choices in alignment with your goals? Please use this sheet as a planning guide.

	PHS Requirements		Entrance Requirements for MOST University of Wisconsin Schools
	-24 Total Credits -Successful completion of the following subject and credit requirements:		-Rank in the top 30%-50% -Successful completion of the following subjects:
English	4 Credits Including: English 9 English 10 2 additional credits of English	English	4 Credits
Social Studies	3 Credits Including: World Geography American History 1 additional credit of social studies	Social Studies	3 Credits
Science	2 credits	Science	3 Credits including -Biology -Physical Science -Lab Science (1 credit)
Math	2 credits	Math	3 Credits including -Algebra -Geometry -Advanced Algebra
Physical Education	1.5 Credits including P.E. 9 P.E. 10 2 additional semesters	World Languages	Recommended: 2 years of a single world language ***UW-Madison and UW-Eau Claire REQUIRE 2 years of a single world language for entrance. Please verify the entrance for the schools you are interested in attending.
Health	.5 credits if not earned prior to high school		

For more information regarding requirements for the University of Wisconsin System, pick up a University of Wisconsin handbook from Student Services.

Advanced Placement

What is Advanced Placement?

The Advanced Placement Program (AP) allows students to enroll in college-level courses while in high school, and gives them the opportunity to show mastery by taking an AP exam.

Advanced Placement Exam

AP exams are given during the month of May. Every student takes the same exam at the same time. Each exam consists of two sections. The first section is multiple-choice. The other section consists of free-response questions in various formats: essays, audio-taped responses, analysis of historical documents, extended problem solving, etc.

Advanced Placement Grades

The AP grading scale is as follows:

- 5 Extremely well qualified
- 4 Well Qualified
- 3 Qualified
- 2 Possibly qualified
- 1 No recommendation

Students will receive their grade report in July. Most colleges and universities accept AP scores of 3 or above to be considered for credit.

Benefits of Advanced Placement

Students will receive credit, advanced placement or both at most colleges and universities. The amount of credit received varies per college, AP score, and subject. Some colleges grant up to six college credits for a score of 5. Students are also able to move into a higher level class at college as freshmen. This not only translates into time saved, but also is a financial savings for each credit earned while in high school

Cost of Advanced Placement Exams

Students pay for each exam taken. The cost is \$86.00 per exam.

Advanced Placement Courses at PHS

- AP Calculus
- AP Language and Composition
- AP Literature and Composition
- AP US Government
- AP US History
- AP World History

On-Line and Distance Learning Opportunities

There are many opportunities for students to access courses provided by accredited institutions via correspondence, on-line learning, blended learning and two way audio and video hookups. These opportunities might be used for enrichment or credit recovery. PHS students may apply up to two credits of such courses toward high school graduation provided the courses are offered by accredited institutions. This limit may be exceeded by administrative approval. Grades for all courses applied to high school graduation are included in the student's cumulative GPA and applied to class rank. If you are interested in pursuing these opportunities, check with the student services office for available courses. Tuition for these courses is the students' responsibility.

Certified Career Programs

Project Lead the Way

- PLTW is a pre-engineering program designed with a sequence of courses which combined with math and science courses introduces students to the scope, rigor and discipline of engineering and engineering technology prior to entering college. The basic courses are Introduction to Engineering Design, Computer Integrated Manufacturing, Principles of Engineering, and Civil Engineering and Architecture. PLTW is recognized by industry and post-secondary institutions for its merit. Some engineering schools give advanced standing for completion of PLTW coursework. PLTW is key for students who are on a course of study within the Science, Technology Engineering, and Mathematics Career Pathways.

ProStart

- ProStart is a program sponsored by the National and Wisconsin Restaurant Associations. ProStart is a college prep, two-year curriculum designed to teach students the skills needed for a successful career in the restaurant and food service industry. Students interested in exploring food service as a career can take a series of courses and tests that may enable them to receive up to 12 credits in a food service program at an accredited university. Students interested in Pro-Start should take Foods and Family, Food Service, and Human and Community Services Coop. ProStart is key for students who are on a course of study within the Hospitality and Tourism and Marketing, Sales and Service Career Pathways.

Assistant Child Care Teacher

- Open to Juniors and Seniors. This program is sponsored by the Department of Public Instruction (DPI). Students interested in a career in childcare or in teaching can benefit from taking this class. Students who successfully complete the course with a C or better, volunteer 10 hours in a group childcare setting, and are in attendance for 90% of the classes will receive a certificate from the DPI. This will enable them to be employed as an assistant childcare teacher. In addition, students will receive advanced standing at SWTC for the class, "Orientation to Child Care." Finally, if you complete this course as a junior and work as an assistant childcare teacher during your senior year in the Human and Community Services Cooperative, you will be eligible to be a lead teacher in a childcare center.

Certified Coops

- Available in Agriculture, Business, Family and Consumer Sciences, and Technology and Engineering. Involves work-based learning and verification of meeting Department of Public Instruction standards.

Youth Apprenticeship Program

- Open to Juniors and Seniors, students in the Youth Apprenticeship Program attend classes at the high school for part of the day, participate in a youth apprenticeship course for one or more hours a day, and work ten to fifteen hours per week. At the end of the one or two-year high school program, each youth apprentice will receive a Certificate of Occupational Proficiency, along with his/her high school diploma. Students may also receive advanced standing credits at any Wisconsin technical college. Application for this program is required. Applications may be obtained from the Vocational Education Coordinator.

Career Clusters

Career Clusters represent virtually the entire world of work. They have been developed to aid students in exploring options for their future by organizing the world of work into sixteen occupational and industry areas. Career clusters not only help identify common interests, aptitudes, knowledge, and skills that connect occupations into a cluster, but they also serve as a tool for connecting the student's high school education and employability skills to the world of work and their career goals.

When considering possible course selections for next school year, Platteville High School students should review these clusters and identify which cluster or clusters provide the best "fit" for them. Keep in mind your career interests when you make your final course selections. The courses you select for next year will provide appropriate knowledge and skills for future educational and career destinations.


The 16 clusters are the following:

- Agriculture, Food and Natural Resources*
- Architecture and Construction*
- Arts, A/V Technology and Communications*
- Business, Management and Administration*
- Education and Training*
- Finance*
- Government and Public Administration*
- Health Science*
- Hospitality and Tourism*
- Human Services*
- Information Technology*
- Law, Public Safety, Corrections & Security*
- Manufacturing*
- Marketing, Sales & Service*
- Science, Technology, Engineering & Mathematics*
- Transportation, Distribution & Logistics*


Which Clusters Interest You?

Use the following eight pages to find more about the many careers within the 16 clusters. You will find the courses Platteville High School offers that will help you explore the cluster of your choice.


***Key Sequence of Courses**

			Agriculture, Food & Natural Resources
Recommend Courses of Study			
Course Name	Course #	Grade Level	
Agriculture and Natural Resources			
*Ag Production Technology	150	9-12	
*Ag Consumers	151	9-12	
*Animal Science	153	9-12	
*Mechanical Technology	156	9-12	
*Plant & Soil Science	157	9-12	
*Food Science	160	9-12	
*Horticulture/Landscape	254	9-12	
*Exploring Natural Resources	258	9-12	
*Marketing Ag Products	259	10-12	
*Research & Develop in Ag	353	11-12	
*Employment in Ag	453	12	
*Ag Coop Work	455	12	
*Youth Apprenticeship, Production Agriculture		12	
Pro-Start Food Management			
*Creative Careers in FACS	167	9-12	
*Foods & Family	161	9-11	
*Food Service	261	11-12	
*HCSC Coop Class	464	12	
*HCSC Work	465	12	
Exploring Mnfg & Construction	176	9-12	
Entrepreneurship	194	9-12	
Hillmen Outlets	295	11-12	
Energy, Power & Transportation	174	9-11	
Food Science	160	9-12	
Sample of Occupations Relating to This Career Cluster			
<i>Agricultural Sales, Food Inspectors, Meat Cutters-Meat Graders, Cheesemakers, Microbiologists, Food & Drug Inspectors, Plant Breeders and Geneticists, Agricultural Educators, Aquaculturalists, Agricultural Journalists, Golf Course Superintendents, Greenhouse Managers, Farmers, Livestock Producers, Veterinary Assistants, Livestock Buyers, Wildlife Biologists, Animal Nutritionists, Dairy Producers, USDA Inspectors, Agricultural Engineer, Welders, GPS Technicians, Cartographers, Wildlife Managers, Ecologists, Loggers, Geologists, Fisheries Technician, Pollution Hazardous Materials Handler, Water Quality Manager, Feed and Supply Store Manager</i>			
Go to careerclusters.org for a more complete list of occupations.			


***Key Sequence of Courses**

			Architecture & Construction
Recommend Courses of Study			
Course Name	Course #	Grade Level	
Construction			
*Exploring Mnfg & Construction	176	9-12	
*Construction Technology	276	10-12	
*Civil Engineering & Architecture	372	10-12	
*Product Dev & Design	376	11-12	
Architecture			
*Intro to Engineering & Design	172	9-12	
*Civil Engineering & Architecture	372	10-12	
*Principles of Engineering	328	10-12	
Work-Based Learning Options			
Tech Ed Coop Work	475	12	
Youth Apprenticeship, Drafting and Design		12	
Exploring the Housing Industry	163	9-12	
Production Graphics	179	9-12	
Creative Careers in FACS	167	9-12	
Entrepreneurship	194	9-12	
Hillmen Outlets	295	11-12	
Mechanical Technology	156	9-12	
Energy, Power & Transportation	174	9-11	
Horticulture & Landscape Design	254	10-12	
Drawing	287	10-12	
Technology Systems	373	11-12	
Sample of Occupations Relating to This Career Cluster			
<i>Architect, Architect Drafter, Regional and Urban, Planner/Designer, Industrial Engineer, Mechanical Drafter, Civil Engineer, Programmer, Mechanical Engineer, Electrical Engineer, Environmental Engineer, Landscape Architect, Surveyor, Electrical and Electronic Engineering Technician, Civil Engineering, Technician, Interior Designer, Landscape Designer, Computer-Aided Drafter (CAD), Renderer, Modeler, General Contractor/Builder, Tile and Marble Setter, Landscaper/Groundskeeper, Roofer, Painter, Plasterer/Drywall, Electrician, Steamfitter, Reliability Engineer, Environmental Engineer, Safety Director</i>			
Go to careerclusters.org for a more complete list of occupations.			


***Key Sequence of Courses**

	Arts, A/V Technology & Communications	
Recommend Courses of Study		
Course Name	Course #	Grade Level
*Production Graphics	179	9-12
*Multi-Media	279	9-12
*Photography	379	11-12
Fine Arts Courses	182-583	9-12
Writing for Pub	504-506	9-12
Speech & Drama	502	11-12
Computer Literacy 1	190	9-12
Computer Literacy 2	191	9-12
Fashion Careers	162	9-12
Entrepreneurship	194	9-12
Hillmen Outlets	195	11-12
Creative Writing	501	10-12
Broadcasting	503	10-12
Tech Systems	373	11-12
HCSC Coop Class	464	12
HCSC Work	465	12
Sample of Occupations Relating to This Career Cluster		
<p><i>Video Systems Technicians, Video Graphics, Special Effects and Animation, Audio-Video Designers and Engineers, Technical Computer Support Technicians, State, Film, Video, and DVD, Audio-Video System Service Technicians, Audio Systems Technicians, Graphics and Printing Equipment Operators, Lithographers and Platemakers, Computer Typography and Composition Equipment Operators, Desktop Publishing Specialists, Web Page Designers, Commercial Photographers, Digital, Still, Video, Film, Interior Designers, Commercial/Residential and Home Furnishings Coordinators, Graphic Designers, CAD Technicians, and Fashion Illustrators, Textile Designers, Commercial Artists, Illustrators, and Artists, all Media, Curators and Gallery Managers, Fashion Designers, Production Managers, Digital, Video, Stage, Cinematographers, Film/Video Editors, Dancers, Play Writers, Screen Writers, Screen Editors, Script Writers, Directors and Coaches, Performers, Actors, Musicians, Make-Up Artists and Costume Designers, Stagecraft Designers, Lighters, Sets, Sound Effects, Acoustics, Painters, Composers, Conductors, and Music Instructors, Audio/Video Operations, Control Room Technician, Station Managers and Radio & TV Announcers, Publishers, Editors, and Journalists and Reporters, Print, Broadcast, Other, Broadcast Technicians, Telecommunication Technicians, Telecommunication Equipment, Cable, Line Repairers/Installers, Telecommunication Computer Programmers, and Systems Analysts</i></p>		


***Key Sequence of Courses**

	Business, Management & Administration	
Recommend Courses of Study		
Course Name	Course #	Grade Level
*Computer Literacy 1	190	9-12
*Computer Literacy 2	191	9-12
*Accounting I	390	11-12
*Business Procedures	393	11-12
*Business Coop Class	494	12
*Business Coop Work	495	12
*Youth Apprenticeship, Business		12
Production Graphics	179	9-12
Entrepreneurship	194	9-12
Hillmen Outlets	295	11-12
Speech & Drama	502	11-12
Civics	312	11-12
Personal Finance	392	11-12
Social Problems	415	12
Sample of Occupations Relating to This Career Cluster		
<p><i>Entrepreneurs, Relations Managers, Human Resource Managers, Facilities Managers, Meeting & Convention Planners, Sports & Entertainment Managers, Hospital Management, Public Relations Specialists, Accountants, Adjuster, Auditor, Bookkeeper, Budget Manager, Controller, Merger & Acquisitions Manager, Finance Director, Certified Public Accountant, Accounts Receivable Clerk, Billing Clerk, Industrial Relations Director, Compensation & Benefits Managers, Human Resources Consultant, Corporate Trainer, Mediators/Arbitrators, Employer Relations Representatives, Affirmative Action Coordinators, Equal Employment Opportunity Specialists, Interpreters & Translators, Compensation, Human Resources Information Systems Specialists, Systems Analyst, Product Manager, Price Analyst, Store Manager, Salesperson, Customer Service Supervisor, Counter Person, Customer Service Clerk, Research & Development Manager, Property, Real Estate and Association Manager & Supervisor, Small Business Owner & Entrepreneur, E-Commerce Manager & Entrepreneur, Wholesale & Retail Buyer, Warehouse Manager, Market Researcher, Public Relations Specialist, Public Relations Writer, Copywriter, Media Coordinator, Art Director, Graphic Designer, Wholesale, Freight, Stocking, Handling, Material Moving and Packing Worker, Traffic, Shipping, & Receiving Clerk, Telemarketer, Administrative Assistant, Information Assistant, Desktop Publisher, Customer Service Assistant, Data Entry Specialists, Receptionist, Computer Operator, Court Reporter, Stenographer, Shipping & Receiving Personnel, Typists, Medical Transcriptionist, Legal Secretaries, Paralegals</i></p> <p style="text-align: center;">Go to careerclusters.org for a more complete list of occupations.</p>		


*Key Sequence of Courses

	Education & Training	
Recommend Courses of Study		
Course Name	Course #	Grade Level
Speech & Drama	502	11-12
Writing for Publications	504-506	9-12
Creative Careers in FACS	167	9-12
Entrepreneurship	194	9-12
Hillmen Outlets	295	11-12
Parents and Children	376	10-12
Creative Writing	501	10-12
Civics	312	11-12
Wellness For Life	340	11-12
Youth Tutoring Youth	365	11-12
Asst. Child Care Teacher	366	11-12
Social Problems	415	12
HCSC Coop Class	464	12
HCSC Work	465	12
Sample of Occupations Relating to This Career Cluster		
<p><i>Superintendents, Principals, Administrators, Supervisors and Instructional Coordinators, Education Researchers, Test Measurement Specialists, College Presidents, Deans, Curriculum Developers, Instructional Media Designers, Psychologists- Clinical, Developmental-Social, Social Workers, Parent Educators, Counselors, Speech-Language Pathologists and Audiologists, Preschool & Kindergarten Teachers, Elementary Teachers, Secondary Teachers, Special Education Teachers, College/University Lecturers, Professors, Human Resources, Trainers, Physical Trainers, Coaches, Child Care Directors, Child Care Workers, Child Life Specialist, Nanny, Early Childhood Teachers, Teacher Assistants, Group Workers and Assistants</i></p>		


*Key Sequence of Courses

	Finance	
Recommend Courses of Study		
Course Name	Course #	Grade Level
Computer Literacy 1	190	9-12
Computer Literacy 2	191	9-12
Entrepreneurship	194	9-12
Hillmen Outlets	295	11-12
*Accounting	390	11-12
*Business Coop Work	495	12
*Youth Apprenticeship, Financial Services		12
Family and Jobs	164	9-12
Creative Careers in FCE	167	9-12
Family and Society	264	10-12
Personal Finance	39	11-12
HCSC Coop Class	464	12
HCSC Work	465	12
Sample of Occupations Relating to This Career Cluster		
<p><i>Personal Financial Advisor, Tax Preparation, Sales Agents, Securities, Commodities, Investment Advisors, Brokerage Clerk (Assistant), Development Officers, Accountants, Financial Analysts, Treasurers, Controllers and Chief Revenue Agents, Auditor, Economists, Tax Examiners, Collectors, Revenue Agents, Credit Analyst, Loan Officers, Bill and Account Collectors, Tellers, Loan Processors, Customer Service Reps, Data Processors, Accounting, Internal Auditors, Compliance Officers, Title Researchers & Examiners, Abstractors, Credit Report Providers, Repossession Agents, Network Services, Operations Managers, Debt Counselors, Claims Agents, Examiners, and Investigators, Claims Clerks, Insurance Appraisers, Underwriters, Actuaries, Sales Agents, Customer Service Agents, Processing Clerks, Direct Marketing</i></p>		


***Key Sequence of Courses**

		
Government & Public Administration		
Recommend Courses of Study		
Course Name	Course #	Grade Level
Entrepreneurship	194	9-12
Hillmen Outlets	295	11-12
Speech & Drama	502	11-12
Writing for Publications	504	9-12
AP U.S. History	215	10-12
Creative Writing	501	10-12
AP World History	311	11-12
Civics	312	11-12
Wisconsin	313	11-12
AP U.S. Gov/Politics	314	11-12
Social Problems	415	12
Sample of Occupations Relating to This Career Cluster		
<p><i>President, Vice President, Governor, Lieutenant Governor, Mayor, Cabinet Level Secretary, Representative, Senator, Assistants, Deputies, and Chiefs of Staff, Commissioner, Congressional Aide, Legislative Aide, Lobbyist, Policy Advisor, National Security Advisor, Staff or Field Officer, Officer/Specialist: Electronic Warfare Operations, Combat Operations, Infantry Field Artillery, Air Defense Artillery, Special Forces, Armor, Munitions, Nuclear Weapons, Missile and Space Systems, Military Intelligence, Signals Intelligence, Surface Ship Warfare Officer, Submarine Officer, Combat Control Officer, Combat Engineer, Combat Aircraft Pilot/Crew, Airborne Warning/Control Specialist, Intelligence/Counterintelligence, Agent/Specialist, Intelligence Analyst, Cryptographer, Ambassador, Foreign Service Officer: Consular Officer, Administrative Officer, Political Officer, Economic Office, Diplomatic Courier, Business/Enterprise Official, Chief of Vital Statistics, Commissioner, Director, Economic Development Coordinator, Federal Aid Coordinator, Census Clerk, County Director, Census Enumerator, Planner, Program Associate, Global Imaging Systems Specialist Assessor, Tax Auditor, Internal Revenue Investigator, Revenue Agent/Officer, Tax Examiner/, Assistant/Clerk, Inspector General, Tax Attorney, Tax Policy Analyst, Business Regulation Investigator, Chief of Field Operations, Code Inspector/Officer, Director, Equal-Opportunity Officer, Inspector Investigator/Examiner, Chief Bank Examiner, Bank Examiner, Aviation Safety Officer, Border Inspector, Cargo Inspector, Election Supervisor, Enforcement Specialist, Immigration Officer, City Manager, City Council, City or County Clerk, Court Administrator or Clerk, Executive Director/, Officer/Associate: Foundation, Association, Charitable Organization, Industrial Foundation, Chamber of Commerce, , General Service Officer, Management Analysis Officer, Program Administration Officer</i></p> <p style="text-align: center;">Go to careerclusters.org for a more complete list of occupations.</p>		


***Key Sequence of Courses**

		
Health Science		
Recommend Courses of Study		
Course Name	Course #	Grade Level
*Creative Careers in FACS	167	9-12
*Intro to Health Occupations	266	10-12
*HCSC Coop Class	464	12
*HCSC Work	465	12
*Youth Apprenticeship, Health Services		12
Chemistry	221	10-12
Biology	121	9-10
Physics	322	11-12
Wellness For Life	340	11-12
Social Problems	415	12
Advanced Biology	420	12
Advanced Chemistry	421	12
Sample of Occupations Relating to This Career Cluster		
<p><i>Acupuncturist, Anesthesiologist Assistant, Art/Music/Dance Therapist(s), Athletic Trainer, Audiologist, Certified Nursing Assistant, Chiropractor, Dental Assistant / Hygienist, Dental Lab Technician, Dentist, Dietician, EMT, Exercise Physiologist, Home Health Aide, Kinesiotherapist, Licensed Practical Nurse, Massage Therapist, Medical Assistant, Mortician, Occupational Therapist / Asst, Ophthalmic Medical Personnel, Optometrist, Paramedic, Pharmacist/Pharmacy Tech, Physical Therapist / Assistant, Physician (MD/DO), Physician's Assistant, Psychologist, Recreation Therapist, Registered Nurse, Respiratory Therapist, Social Worker, Speech Language Pathologist, Surgical Technician, Veterinarian / Vet Tech, Clinical Lab Technician, Computer Tomography (CT) Technologist, Cytogenetic Technologist, Cytotechnologists, Diagnostic Medical Sonographers, (ECG) Technician, , Exercise Physiologist, Geneticist, Histotechnician, Magnetic Resonance (MR) Technologist, Mammographer, Medical Technologist / Clinical Laboratory Scientist, Nuclear Medicine Technologist, Nutritionist Pathologist, Phlebotomist, (PET) Technologist, Radiologic Technologist/, Radiologist, Admitting Clerk, Community Services Specialists, Data Analyst, Epidemiologist, Ethicist, Health Educator, Health Information Coder, Medical Assistant, Medical Librarian/Cybrarian, Patient Advocates, Public Health Educator, Risk Management, Social Worker, Transcriptionist, Biomedical / Clinical Engineer, Biomedical / Clinical Technician, , Environmental Health and Safety, Environmental Services, Facilities Manager, Food Service, Hospital Maintenance Engineer, Industrial Hygienist, Transport Technician, Biochemist, Bioinformatics Specialist, Biomedical Chemist, Biostatistician, Cell Biologist, Clinical Trials Research Associate, Geneticist, Lab Assistant, Microbiologist, Pharmaceutical Scientist, Quality Assurance Technician, Research Assistant, Toxicologist</i></p> <p style="text-align: center;">Go to careerclusters.org for a more complete list of occupations.</p>		


*Key Sequence of Courses

	Hospitality & Tourism	
Recommend Courses of Study		
Course Name	Course #	Grade Level
Food Science	160	9-12
Foods & Family	161	9-11
Family and Jobs	164	9-12
Creative Careers in FACS	167	9-12
Computer Literacy 1	190	9-12
Computer Literacy 2	191	9-12
Speech & Drama	502	11-12
Family & Society	264	10-12
Intro to Marktg & Entertainment	290	10-12
Sports & Entertainment Mrktg	291	10-12
Entrepreneurship	194	9-12
Hillmen Outlets	295	11-12
Food Service	261	11-12
Accounting I	390	11-12
HCSC Coop Class	464	12
HCSC Work	465	12
Business Coop Work	495	12
YA: Lodging Management, Tourism		12
Sample of Occupations Relating to This Career Cluster		
<p><i>General Manager, Food & Beverage Manager, Catering & Banquets Manager, Service Manager, Restaurant Owner, Baker, Caterer, Chef, Cook, Bartender, Restaurant Server, Host, Front Office Manager, Executive Housekeeper, Director of Sales & Marketing, Director of Human Resources, Director of Security, Food & Beverage Director, Resident Manager, General Manager, Regional Manager, Quality Assurance Manager, Owner/Franchisee, Front Desk Supervisor, Reservations Supervisor, Bell Captain, Shift Supervisor, Valet Attendant, Concierge, Public Space Cleaner, Maintenance Worker, Van Driver, Director of Sales, Group Sales Manager, Events Manager, Convention Services Manager, Travel Agent, Event Planner, Special Events Producer, Transportation Specialist, Visitor Center Counselor, Tour Guide, Tour Operator, Motor Coach Operator, Interpreter, Club Manager, Parks & Gardens Director, Parks & Gardens Activity Coordinator, Resort Instructor, Gaming & Casino Dealer, Historical/Cultural/Architectural Ecological Industrial Sites Guides/Ranger, Museums/Zoos/Aquariums Exhibit Developer</i></p> <p style="text-align: center;">Go to careerclusters.org for a more complete list of occupations.</p>		


*Key Sequence of Courses

	Human Services	
Recommend Courses of Study		
Course Name	Course #	Grade Level
Family and Jobs	164	9-12
Creative Careers in FACS	167	9-12
Computer Literacy 1	190	9-12
Computer Literacy 2	191	9-12
Entrepreneurship	194	9-12
Hillmen Outlets	295	11-12
Speech & Drama	502	11-12
Family & Society	264	10-12
Parents & Children	265	10-12
Intro to Health Occupations	266	10-12
Civics	312	11-12
Wellness For Life	340	11-12
Child Care Services	366	11-12
Personal Finance	392	11-12
Social Problems	415	12
HCSC Coop Class	464	12
HCSC Work	465	12
Sample of Occupations Relating to This Career Cluster		
<p><i>Directors, Childcare Facilities, Assistant Directors, Childcare Facilities, Elementary School Counselors, Preschool Teachers, Educators for Parents, Nannies, Teacher's Assistant, Childcare Assistants/Workers, Clinical and Counseling Psychologists, Industrial-Organizational Psychologists, Sociologists, School Counselors/Psychologists, Substance Abuse and Behavioral Disorder Counselors, Mental Health Counselors, Vocational Rehabilitation Counselors, Career Counselors, Employment Counselors, Residential Advisors, Marriage, Child and Family Counselors, Community Service Directors, Adult Day Care Coordinators, Coordinators of Volunteers, Licensed Professional Counselors, Religious Leaders, Directors, Religious Activities/Education Programs, Human Services Worker, Social Services Workers, Vocational Rehabilitation Counselors, Employment Counselors, Career Counselors, Vocational Rehabilitation Service Workers, Leisure Activities Coordinators, Dieticians, Geriatric Service Workers, Adult Day Care Workers, Residential Advisors, Emergency and Relief Workers, Community Food Service Workers, Community Housing Service Workers, Social and Human Services Assistants, Barbers, Cosmetologists, Hairdressers, & Hairstylists, Shampooers, Nail Technicians, Manicurists & Pedicurists, Skin Care Specialists/Estheticians, Electrolysis Technicians, Electrolgists, Funeral Directors/Morticians, Embalmers, Funeral Attendants, Personal and Home Care Aides, Companions, Spa Attendants, Personal Trainers, Massage Therapists</i></p>		


***Key Sequence of Courses**

			Information & Technology
Recommend Courses of Study			
Course Name	Course #	Grade Level	
Information			
*Production Graphics	179	9-12	
*Computer Literacy 1	190	9-12	
*Computer Literacy 2	191	9-12	
*Multi-Media	279	9-12	
*Photography	379	11-12	
Technology			
*Intro to Engineering Design	172	9-12	
*Principles of Engineering	328	10-12	
*Computer Integ Mnfg	277	10-12	
*Technology Systems	373	11-12	
*Product Dev & Design	376	11-12	
Work –Based Learning Options			
*Tech Ed Coop Work	475	12	
*Youth Apprenticeship: Graphic Arts and Printing		12	
Entrepreneurship	194	9-12	
Hillmen Outlets	295	11-12	
Speech & Drama	502	11-12	
Sample of Occupations Relating to This Career Cluster			
<p><i>Network: Administrator, Analyst, Architect, Engineer, Manager, Operations Analyst, Specialist, Technician, Transport Administrator, PC Support Specialist</i> <i>Systems: Administrator, Engineer, Technical Support Specialist, User Support Specialist, Data: Administrator, Analyst, Architect, Management Associate, Modeler</i> <i>Help Desk: Specialist, Technician, Maintenance Technician, PC Support Specialist, PC Systems Coordinator, Product Support Engineer, Sales Support Technician, Systems Analyst</i> <i>Technical: Account Manager, Support Engineer, Support Representative, Testing Engineer</i> <i>Data: Systems Designer, Systems Manager, Warehouse Designer, E-Business Specialist, Digital Media: 2D/3D Artist, Animator, Audio/Video Engineer, Media/Instructional Designer</i> <i>Multimedia: Author, Authoring Specialist, Programmer, Virtual Reality Specialist</i> <i>Applications: Analyst, Engineer, Business Analyst, Computer Engineer, Data Modeler</i> <i>Operating System: Designer/Engineer, Programmer Analyst, Programmer, Project Lead</i> <i>Software Applications: Specialist, Architect, Design Engineer, Development Engineer,</i> Go to careerclusters.org for a more complete list of occupations</p>			


***Key Sequence of Courses**

			Law, Public Safety, Corrections & Security
Recommend Courses of Study			
Course Name	Course #	Grade Level	
Computer Literacy 1	190	9-12	
Computer Literacy 2	191	9-12	
Entrepreneurship	194	9-12	
Hillmen Outlets	295	11-12	
Speech & Drama	502	11-12	
Civics	312	11-12	
Physics	322	11-12	
Wellness For Life	340	11-12	
Personal Finance	392	11-12	
AP Government and Politics	314	12	
Social Problems	415	12	
Advanced Biology	420	12	
Advanced Chemistry	421	12	
Sample of Occupations Relating to This Career Cluster			
<p><i>Warden, Jail Administrator, Program Coordinator and Counselor, Public Information Officer, Case Manager, Community Corrections Practitioner, Probation/ parole officer, Corrections Officer, Youth Services Worker, Facility Maintenance Workers, Transport Officer, Medical Staff, Dietitian, Emergency Management and Response Coordinator, EMT, Fire Fighter, Hazardous Materials Responder, Dispatcher, Training Officer, Rescue Workers, Security Director, Security Systems Designer/Consultant, Information Systems Security Specialist, Computer Forensics specialist, Loss Prevention/Security Manager, Security Systems Technician, Investigative Assistant, Security Trainer, Transportation Security Supervisor, Information Security, Supervisory Security officer (armed, unarmed), Certified Security Officer, Armored Car Guard, Control Center Operator, Uniformed Security Officer (Unarmed --armed), Computer Security Specialist, Computer Forensics Examiner, Gaming Surveillance Specialist, Information Security specialist, Armored Car Guards, Industrial Espionage Security, Life Guard, Ski Patrol, Private Security Specialist, Animal Control Officer, Child Support, Missing Persons, Unemployment Fraud Investigators, Criminal Investigators & Special Agents, Bomb Technician, Game Enforcement Officer, Highway Patrol Pilots, Immigration & Customs Inspectors, , Police Detectives and Criminal Investigators, Police, Fire & Ambulance Dispatchers, Police & Patrol Officers, Private Detectives & Investigators, Sheriffs & Deputy Sheriffs, Training Officer, Transit & Railroad Police, Park Ranger, Evidence Technician, Federal Marshall, Administrative Law, Attorney, Case Management Specialist, Court Reporter, File and, Document Manager, Information Officer, Investigator, Judge, Law Clerk, Legal Assistant, Legal Secretary, Magistrate, Mediator/Arbitrator, Negotiator, Para legal</i> Go to careerclusters.org for a more complete list of occupations</p>			


***Key Sequence of Courses**

			<h2 style="margin: 0;">Manufacturing</h2>
Recommend Courses of Study			
Course Name	Course #	Grade Level	
*Exploring Mnfg & Construction	176	9-12	
*Construction Technology	276	10-12	
*Computer Integ Mnfg	277	10-12	
*Product Dev & Design	376	11-12	
*Tech Ed Coop Work	475	12	
*Youth Apprenticeship, Welding		12	
Intro to Engineer'g Design	172	9-12	
Energy, Power & Transportation	174	9-11	
Entrepreneurship	194	9-12	
Hillmen Outlets	295	11-12	
Chemistry	221	10-12	
Principles of Engineering	328	10-12	
Civil Engin & Architecture	372	10-12	
Physics	322	11-12	
Technology Systems	373	11-12	
Photography	379	11-12	
Sample of Occupations Relating to This Career Cluster			
<p><i>Assemblers, Automated Manufacturing Technicians, Calibration Technicians, Electrical Installers and Repairers, Foundry Workers, Grinding, Lapping, and Buffing Machine Operators, Hand Packers and Packagers, Large Printing Press Machine Setters and Set-Up Operators, Machine Operators, Managers, Supervisors, Medical Appliance Makers, Milling Machine Setters, Millwrights, Cutters/Brazers, Soldering, Painters, Pattern & Model Makers, Precision Layout Workers, Precision Optical Goods Workers, Sheet Metal Workers, Solderers and Brazers, Tool and Die Makers, Welders, Design Engineers, Electronics Engineers, Industrial Engineers, Manufacturing Engineers, Manufacturing Technicians, Power Generating and Reactor Plant Operators, Process Improvement Technicians, , Boilermakers, Communication System Installers/Repairers, Computer Installers/Repairers, Facility Electricians, Instrument Calibration and Repairers, Instrument Control Technicians, Laser Systems Technicians, Maintenance Repairers, Major Appliance Repairers, Meter Installers/Repairers, Millwrights, Plumbers, Pipe Fitters and Steam Fitters, Security System Installers/Repairers, Calibration Technicians, Inspectors, Lab Technicians, Process Control Technicians, Quality Control Technicians, Communications, Transportation and Utilities Managers, Dispatchers, Stock, and Material Movers, Industrial Truck and Tractor Operators, Logistical Engineers, Logisticalian, Material Handlers, Material Movers, Process Improvement Technicians, Quality Control Technicians, Traffic Managers, Shipping, and Receiving Clerks, Environmental Specialists, Health and Safety Representatives, Safety Coordinators, Safety Engineers, Safety Team Leaders, Safety Technicians</i></p> <p style="text-align: center;">Go to careerclusters.org for a more complete list of occupations.</p>			


***Key Sequence of Courses**

			<h2 style="margin: 0;">Marketing, Sales & Service</h2>
Recommend Courses of Study			
Course Name	Course #	Grade Level	
*Entrepreneurship	194	9-12	
*Marketing Ag Products	259	10-12	
*Hillmen Outlets	295	11-12	
Intro to Mrktg & Entertainment	290	10-12	
Sports & Entertainment Mrktg	291		
*Accounting I	390	11-12	
*Business Coop Class	494	12	
*Business Coop Work	495	12	
Creative Careers in FACS	167	9-12	
Computer Literacy 1	190	9-12	
Computer Literacy 2	191	9-12	
Speech & Drama	502	11-12	
Writing for Publications	504-406	9-12	
Creative Writing	501	10-12	
Broadcasting	503	10-12	
Personal Finance	392	11-12	
Sample of Occupations Relating to This Career Cluster			
<p><i>Entrepreneurs, Small Business Owners, Chief Executive Officers, Franchisees, Independent Distributor, Customer Service Representatives, Regional Sales Managers, Client Relationship Managers, Territory Representatives / Managers, Sales Engineers, Sales Executives, Manufacturer's Representatives, Salespersons, Brokers, Agents, Field Representatives, Telemarketers, Customer Service Representatives, Store Managers, Merchandise Buyers, Operations Managers, Sales Managers, Department Managers, Customer Service Representatives, Clerks, Administrative Support Representatives, Public Relations Managers, Sales Promotion Managers, Promotions Managers, Art/Graphics Directors, Creative Directors, Sales Representatives, Media Buyers/Planners, Copywriters, Research Specialists, Customer Service Representatives, Database Managers, Marketing Services Managers, Customer Satisfaction Managers, Strategic Planners, Marketing, Product Planners, Directors of Market Development, Research Associates, Knowledge Management Specialists, Interviewers, Warehouse Managers, Materials Managers, Traffic Managers, Distribution Coordinators, Shipping / Receiving Administrators, Shipping / Receiving Clerks, Customer Service Representatives, E-Merchandising Managers, E-Commerce Directors, Web Site Project Managers, Internet Project Directors On-line Market Researchers, Copywriters-Designers, Customer Support Specialists, Customer Service Representatives, Administrative Support Representatives</i></p> <p style="text-align: center;">Go to careerclusters.org for a more complete list of occupations.</p>			

***Key Sequence of Courses**

		
Science, Technology, Engineering & Mathematics		
Recommend Courses of Study		
Course Name	Course #	Grade Level
*Intro to Engineering Design	172	9-12
*Computer Integ Mnfg	277	10-12
*Principles of Engineering	328	10-12
*Civil Engin & Architecture	372	10-12
*Physics	322	11-12
*Tech Ed Coop Work	475	12
Mechanical Technology	156	9-12
Food Science	160	9-12
Exploring Mnfg & Construction	176	9-12
Production Graphics	179	9-12
Energy, Power & Transportation	174	9-11
Technology Systems	373	11-12
Product Dev & Design	376	11-12
Algebra III	430	11-12
Advanced Biology	420	12
Advanced Chemistry	421	12
Calculus	431	12
Sample of Occupations Relating to This Career Cluster		
<p><i>Aerospace Engineer, Biomedical Engineer, Civil Engineer, Computer Engineer, Computer Programmer, Computer Software Engineer, Construction Engineer, Drafter, Electrical Engineer, Environmental Engineer, Facilities Technician, Hazardous Waste Engineer, Hazardous Waste Technician, Industrial Engineer, Industrial Engineering Technician, Mechanical Engineer, Metallurgic Engineer, Naval Engineer, Network Technician, Packaging Engineer, Packaging Technician, Petroleum Engineer, Pharmaceutical Engineer, Power Systems Engineer, Radio/TV Broadcast Technician, Radiology Engineer, Safety Engineer, Software Engineer, Sound Technician, Structural Engineer, Telecommunications Engineer, Transportation Engineer, Archeologist, Astronomer, Biologist, Botanist, CAD operator, Cartographer, Chemist, Conservation scientist, Cosmologist, Cryptographer, Ecologist, Environmental scientist, Geneticist, Geologist, Geophysicist, Herpetologist, Hydrologist, Ichthyologist, Inorganic chemist, Laboratory Technician, Marine scientist, Mathematician, Metallurgist, Meteorologist, Microbial Physiologist, Nanobiologist, Nuclear chemist, Nutritionist, Oceanographer, Organic chemist, Ornithologist, Paleontologist, Physicist, Protozoologist, Research Technician, Science Teacher, Lab Technician, Statistician, Technical writer, Toxicologist, Zoologist</i></p> <p style="text-align: center;">Go to careerclusters.org for a more complete list of occupations.</p>		

***Key Sequence of Courses**

		
Transportation, Distribution & Logistics		
Recommend Courses of Study		
Course Name	Course #	Grade Level
*Intro to Engineering Design	172	9-12
*Entrepreneurship	194	9-12
Hillmen Outlets	295	11-12
*Energy, Power & Transportation	174	9-11
*Principles of Engineering	328	10-12
*Tech Ed Coop Work	475	12
*Youth Apprenticeship: Auto Collision, Auto Technician, Logistics		12
Civil Engin & Architecture	372	10-12
Physics	322	11-12
Sample of Occupations Relating to This Career Cluster		
<p><i>Air/Space Transportation: Transportation manager;, Commercial pilot;, Flight engineers; Flight attendants; Air traffic controllers; Aircraft cargo handling supervisors;</i> <i>Rail Transportation: Transportation managers; Dispatchers-rail;, Locomotive engineers; Railyard conductors and yardmasters; Railroad brake, signal and switch operators; other railyard and terminal operations and support jobs</i> <i>Water Transportation: Transportation managers/Captains, Mates, Pilots of water vessels, Sailors and marine oilers, Ship engineers, Motorboat operators, Bridge and lock tenders</i> <i>Road Transportation: Transportation managers; Dispatchers; Truck driver; Bus drivers; Logisticians; Logistics manager; Logistics Engineers; Logistics analysts; Logistics consultants; Warehouse manager; shipping and receiving clerks; Production, planning, expediting clerks; Laborers and material movers-hand; stock and material movers.</i> <i>Facility: Facility maintenance managers and engineers, Electrical/electronic technicians</i> <i>Mobile Equipment: General--Mobile equipment maintenance managers, Electrical installers</i> <i>Rail—Signal and track switch repairers, Rail locomotive and car mechanics and repairers</i> <i>Road—Electronic equipment installers and repairers, Automotive body and related repairers, Automotive glass installers and repairers, Automotive service technicians and mechanics, Bus and truck mechanics and diesel engine specialists, Motorcycle mechanics, General—Intermodal--Urban and regional planners, Civil engineers, Surveying and mapping technicians, Government service executives, Environmental compliance inspectors</i> <i>Other---Other government agency managers, Regulators, Inspectors, other federal/state/local transportation agency jobs, Health and safety managers, Industrial health and safety engineers, Marketing managers, Sales managers, Reservation, travel and transportation agents/clerks, Cargo and freight agents, Customer service representatives, Customer order and billing clerks, Cashiers, counter and rental clerks</i></p> <p style="text-align: center;">Go to careerclusters.org for a more complete list of occupations.</p>		

Agriculture and Natural Resources

Course	Title	Grade			
		9	10	11	12
150	Ag Production Technologies	X	X	X	X
151	Ag Consumers	X	X	X	X
153	Animal Science	X	X	X	X
156	Mechanical Technology	X	X	X	X
157	Plant and Soil Science	X	X	X	X
254	Horticulture and Landscape Design	X	X	X	X
258	Exploring Natural Resources	X	X	X	X
259	Marketing Ag Products and Services		X	X	X
353	Research and Development in Ag. Industries			X	X
453	Employment in Ag				X
455	Ag Cooperative Work Experience				X

Ag Production Technologies (150) ½ credit

Grades 9 – 12 Prerequisite: None

Production technology is the study of how all the diverse agriculture products that consumers know and expect to see on a daily basis move from a "raw" product through processing and manufacturing packing and transportation. Study areas in Production Technology include food stuffs, medial supplies, maintenance care products and mechanics related to lumber, metal, concrete, machinery and others.

Ag Consumers (151) ½ credit

Grades 9 – 12 Prerequisite: None

This course is an entry level offering for students to study the world of agriculture from the consumer's perspective with an emphasis on the economics of agriculture. Careers related to agribusiness and agriscience will be studied.

Animal Science (153) ½ credit

Grades 9 – 12 Prerequisite: None

Note: Credit may be applied to the science requirement for high school graduation

This course is designed to teach students the science of animals through applied applications. Students will receive instruction about a variety of animals, including companion, small animals, and associated care.

Mechanical Technology (156) ½ credit

Grades 9 – 12 Prerequisite: None

Students will learn basic skills related to the mechanical activities in the areas of agriculture production processing, business, and service. Students will develop skills in the areas of hot and cold metal, tool reconditioning and basic welding. Emphasis is placed on safety and proper use of tools and equipment.

Plant and Soil Science (157) ½ credit

Grades 9 – 12 Prerequisite: None

Note: Credit may be applied to the science requirement for high school graduation

This course will study the interrelationship between soil and plants. Students will complete a variety of science activities in learning about soils and plants. Students will also study the relationship between the environment and soil conservation.

NOTE: Successful completion of this course may lead to advance standing at Southwest Technical College.

Horticulture and Landscape Design (254) ½ credit**Grades 9 – 12 Prerequisite: None**

Horticulture prepares individuals to produce, process, and market plants, shrubs, and trees used principally for ornamental, recreational, and aesthetic purposes and to establish, maintain, and manage horticultural enterprises such as arboriculture, floriculture, greenhouse operation and management, landscaping, nursery operation and management, and turf management.

Exploring Natural Resources (258) ½ credit**Grades 9 – 12 Prerequisite: None****Note: Credit for this course may be applied to science requirement for high school graduation.**

This course is designed to meet the needs of students interested in careers related to preserving natural resources; wildlife preservation and control, water cycle, resources for recreation, water resources, forest management, air pollution, and world population are a variety of topics to be covered.

Marketing Ag Products and Services (259) ½ credit**Grades 10 – 12 Prerequisite: None**

Management and Marketing will expose students to a variety of management concepts including credit, interest, record keeping and more.

Research and Development in Ag Industries (353) ½ credit**Grades 11-12 Prerequisite: Instructor's consent****Note: Plan for three projects--costs for project materials are the responsibility of the student**

This course is designed to provide students with an opportunity to further develop knowledge, skills, and interests discovered through agriculture courses taken previously. Students will plan and complete three projects on an individual basis. These projects will fall under one or more of the cluster areas of agriculture: ag science, ag processing, ag marketing, ag mechanization, or ag resources, and will require approval by the instructor.

Employment in Agriculture (453) 1 credit**Grades 12 Prerequisite: None**

This course is designed to be taken concurrently with Agriculture Coop Work Experience. Student will develop job-related skills with an emphasis on job preparations and employability skills.

Agriculture Coop Work Experience (455) 1 credit**Grades 12 Prerequisite: Must be enrolled in Employment in Agriculture.**

This cooperative work experience is designed to develop entry level job skills in agriculture related occupations. This practical course is designed to provide each student with an opportunity to apply for a job and then accept it, in order to gain work experience. The course is intended to provide a minimum of 10 hours per week of work experience. In addition to earning a credit, the students can earn an hourly wage.

Art

Course	Title	Grade			
		9	10	11	12
185	Art 1A	X	X	X	X
287	Drawing		X	X	X
288	Painting		X	X	X
289	Sculpture		X	X	X
384	Pottery			X	X
385	Art Metal			X	X
386	Art for Advanced Students			X	X

Art IA (185) ½ credit

Grades 9-12 Prerequisite: None

Materials fee: 15.00

This is an introductory course intended primarily for freshmen. It emphasizes art concepts basic to all artistic endeavors. Projects will reflect a bit of each art class offered at P.H.S. Student will become familiar with drawing, painting and many shading and color processes associated with these mediums. Required projects include 3-D work in sculpture or ceramics. Graphic arts units develop skills in printmaking and computers. Throughout the course, skills are built in idea formation, grid thinking, and the use of perspective. Some study of art history is also included in this course.

Drawing (287) ½ credit

Grades 10-12 Prerequisite: None

Materials fee: 15.00

Students will experiment with a number of drawing mediums, including pencil, pen, ink, ink wash, colored pencil, oil pastel, chalk pastel, charcoal, markers, scratchboard, and mixed media. Students learn to do open ended problem solving based on projects ranging from the figure, portraits and landscapes, to still life and abstractions. Linear perspective and art history are explored.

Painting (288) ½ credit

Grades 10-12 Prerequisite: None

Materials fee: 15.00

Painting allows students to do in depth study in the use of watercolor, acrylic, and oil paints in a variety of subject matter. Students explore the art of stretching canvas, framing and the use of computer programs to compose their own image ideas. A study of art history is also included in this course.

Sculpture (289) ½ credit

Grades 10-12 Prerequisite: None

Materials fee: 15.00

Sculpture students will create 3-D artwork from a variety of materials ranging from paper, wire, plaster, foam, wood and metal and found objects. Additive and subtractive techniques of sculpting will be the focus for this course. Students will study the work of famous sculptors – past and present.

Pottery (384) ½ credit

Grades 11-12 Prerequisite: None

Materials fee: 15.00

This class explores five of the most common ways pottery can be made. We begin with pinch, coil, and slab hand building techniques. We will also work with the drape or sling method, finally exploring wheel thrown pottery. Students will learn about various decorating techniques and operating the electric kiln. Students will learn to use language devoted to the study of ceramic arts.

Art Metal (385) ½ credit**Grades 11-12 Prerequisite: None****Materials fee: 15.00**

Art metal focuses on creating original jewelry from nickel silver, copper and brass sheet metal. Projects are also created from various kinds of wire and found objects. Finally, the art of lost wax casting is studied. Students learn metal working techniques from the design phase, to embellishment of the metal by sawing, texturing, etching soldering and enameling. Students will learn to use language devoted to the study of jewelry art.

Individually Contracted Art for Advanced Students (386) ½ credit**Grades 11-12 Prerequisite: Instructor's Consent Only****Materials fee: 15.00**

This course is designed to allow advanced students the opportunity to further develop their skills and interests in specific areas of art course work. Students will contract on an individual basis with the instructor in project areas that fall under one or more of the following: drawing, painting, pottery, sculpture or art metal. This course may be retaken with a change in project subject matter and materials to further enhance student development. This course is designed for students intending to continue their studies in art after graduation

Business and Marketing

Course	Title	Grade			
		9	10	11	12
190	Computer Literacy & Applications	X	X	X	X
191	Computer Literacy & Applications II	X	X	X	X
194	Entrepreneurship	X	X	X	X
290	Introduction to Marketing & Entertainment		X	X	X
291	Sports & Entertainment Marketing		X	X	X
295	Hillmen Outlets			X	X
390	Accounting			X	X
491	Advanced Business Topics				X
495	Business Occupations Work Experience				X

Computer Literacy and Applications I (190) ½ credit

Grades 9-12 Prerequisite: None

This course enables students to enhance proficiency with Microsoft Office products including, but not limited to, keyboarding skills, basic formatting of business and personal letters, preparing business reports, creating a resume, constructing letterhead stationary, understanding concepts related to spreadsheet and database applications, email procedure and etiquette, desktop publishing applications, and file organization. Concepts learned will be applicable to documents used in high school, vocational, universities, and the employment field.

Computer Literacy and Applications II (191) ½ credit

Grades 9-12 Prerequisite: Computer Literacy and Applications I or Consent of Instructor

This course concentrates on advanced technological communication, which includes establishing a blog and learning how to be a good blogger, understanding and creating Wikispaces, and developing podcasts and podcast. Concepts learned will be applicable to communications used in post-secondary education and employment.

Entrepreneurship (194) ½ credit

Grades 9-12 Prerequisite: None

Business ownership can be a challenging, exciting, and rewarding way to make a living. This course will help you to understand the risks, skills, and knowledge to create and run a successful venture. The study of entrepreneurship will provide you with the exercises and information to help you prepare to become a business owner. The skills and processes you learn will help you in any future job you obtain. Knowing more about the businesses you patronize will also benefit you as a consumer.

Introduction to Marketing and Entertainment (290) ½ credit

Grades 10-12 Prerequisite: None

This course will include foundational marketing concepts, including product promotion; advertising; retail marketing; sports and entertainment marketing; global marketing; and marketing management. Students will create and market a product as a culminating project. **This course will be a prerequisite for any future marketing courses.**

Sports & Entertainment Marketing (291) ½ credit

Grades 10-12 Prerequisite: Introduction to Marketing & Entertainment (290)

Note: This bi-annual course will be offered in the 2012-2013

This course examines the market-drive sports and entertainment industries. Concepts and strategies related to the following will be covered: college, amateur, and professional sports; marketing products and services through sports; public images; entertainment industry; marketing entertainment; recreational marketing; careers in sports and marketing entertainment; and, legal issues for sports and marketing entertainment.

Hillmen Outlets (295) ½ credit

Grades 11-12 Prerequisite: Entrepreneurship or Introduction to Marketing (290). Must also submit an application (available from Business & Marketing instructor).

Hillmen Outlets is a school-based enterprise (school store) where students will offer products for sale to the school and general population. Class members will be involved in the general management, marketing, merchandising, recordkeeping, and operations of a retail business through a practical approach. This course requires the student to examine his/her work ethic.

Accounting (390) 1 credit

Grades: 11-12 Prerequisite: None

Note: Students are eligible for dual credit at Southwest Tech for this class at no cost to the student.

This year-long course is meant to be an introduction to the lucrative world of accounting and is highly recommended for anyone interested in any business field, including owning their own business or pursuing further academic study in business related subject matter. Students will complete the accounting cycle and learn to maintain all financial records for sole proprietorships and merchandising businesses organized as a corporation.

Advanced Business Topics (491) ½ credit

Grade: 12 Prerequisite: None

This course will accompany the Business Occupation Cooperative Work Experience and will focus on job opportunities in the business field, business careers, and obtaining jobs in the field. Students will prepare a business related resume, and gain an understanding of the application and interview process in the field.

Business Occupations Work Experience (495) 1 credit

Grade: 12 Prerequisite: Must be enrolled in Advanced Business Topics

The cooperative work experience program provides students an opportunity to apply the skills and knowledge they have gained in their business courses while gaining valuable work experience as they are employed at a local business. The students in this program may work an average of 10-20 hours per week. Students earn one credit for their year's work experience and an hourly wage.

English

Course	Title	Grade			
		9	10	11	12
101	English 9	X			
201	English 10		X		
202	Language Arts		X		
301	English 11			X	
303	English and Technology			X	
304	AP Language and Composition			X	
401	English 12				X
403	Technical Communications				X
404	AP Literature and Compositions				X

In addition to the above required core English courses, our English Department offers many elective English courses. These courses include the following:

Creative Writing (501)

Speech & Drama (502)

Writing for Publication (504)

Newspaper (505)

Yearbook (506)

English 9 (101) 1 credit

Grade 9

Students will read several pieces of literature, as well as respond to these works through writing, testing, and a variety of creative projects. Students will work on their grammar, usage and composition skills, and technology use is a part of several units. Throughout the year, students will practice writing five-paragraph essays and will also complete a variety of formal and informal speaking activities.

English 10 (201) 1 credit

Grade 10

English 10 combines all aspects of communication—reading, writing, listening, and the media. The reading of novels is emphasized, as well as plays and poetry. Students study and use the writing process at length before moving on to research, persuasive, and creative writing. Grammar and the mechanics of writing are included. Students engage in a variety of formal and informal speaking and listening activities. Special units include career exploration, group problem solving, and video production.

Language Arts (202) ½ credit

Grade 10

Prerequisite: Students must meet teacher recommendations based on previous English grades, MAPS test scores and other standardized test scores.

Students who elect to take Language Arts 202 are interested in improving their overall reading comprehension skills, both in fiction and non-fiction reading areas. They will also be enrolled in their required 10th grade English classes and are scheduled to take the WKCE test during the same semester. Specific areas of study will include comprehending and responding to narrative, informational, persuasive, and everyday texts. Students will also learn and use important vocabulary, writing, and language arts skills to assist them in their reading and test-taking abilities. The ultimate goal will be improved success in not only their test-taking abilities but in their other academic classes as well.

English (301) 1 credit**Grade 11**

This course focuses on preparing students for English 12-401. Students enrolled in this course are generally planning to attend a four-year college after graduation. They will develop their skills in English grammar, usage and vocabulary; write a variety of compositions; and study the progression of American literature. Writing skills follow the development of the paragraph to the five-paragraph essay. Other writing skills include research, persuasion, resumes, and letters of application. Basic language usage and communication skills are stressed through college preparatory reading, writing and speaking.

English and Technology (303) 1 credit**Grade 11**

This course will focus on the integration of English, technology and word processing skills. Students will study and apply various skills learned throughout the following units of instruction: technology, American Literature, grammar and writing skills, word processing skills, and an exploration of applied reading comprehension, speaking and writing as they relate to the world of work.

AP Language and Composition (304) 1 credit

Prerequisite: Students should meet at least two of the following criteria: English teacher recommendation, 3.5 GPA, qualifying WKCE or MAPS score.

This alternative to the English 11 course is a combination of the first semester of the 301 course with an Advanced Placement emphasis for second semester. The course will strengthen students' composition skill, as they will learn to critically read and respond to literature, developing an arsenal of writing strategies. It is possible for students to receive college English credit at most post-secondary schools if they pass the optional national Advanced Placement Language and composition exam which is given in May. Specific summer assignments are expected and students in the class must enjoy reading and writing and want to work to improve their skills, for they read and write more than double the amount of material as those students in English 301.

English 12 (401) 1 credit**Grade 12**

English 12 challenges the four-year, college-bound student by exploring and tracing the development of British Literature, including philosophy and art. Students will be writing autobiographical, analytical, and persuasive papers as well as multi-paged research compositions, designed to better prepare them for the college experience. Within that context, students will be expected to apply the skills of English grammar and mechanics. Also, students will be regularly required to read a book from a college-bound reading list, above and beyond regular coursework.

Technical Communications (403) 1 credit**Grade 12**

This course will build on skills taught in English and Technology. Students will develop technical reading, writing, and speaking skills, using computer technology as often as possible. This course is intended to benefit serious students who plan to attend a vocational/technical school. Students who maintain an 85% average for all four quarters may earn advanced standing credit for any one-year program at a Wisconsin technical college. Highly motivated students may even be invited to take a test on campus to earn further credits toward any two-year program at SWTC. Units may include employment communication, informative reports, incident reports, various analytical reports, researched reports, informal/formal proposals and presentations, technical reading, and traditional grammar.

AP Literature and Composition (404) 1 credit**Grade 12**

AP Literature is specifically designed for the extraordinarily strong English student who loves to read and interpret literature. Students who select the AP course should expect to read novels over the summer in preparation for the course and then be prepared to spend one to two hours every night on AP literature assignments during their senior year. Students must also have very strong writing skills including grammar and mechanics. The ultimate goal for students is to take the Advanced Placement test in the spring. Successful performances of the test will earn students' college credit. As a result, the course is designed to prepare students

for this test as well as to provide the opportunity to read, write, and analyze literature at a college level. A wide variety of short stories, novels, plays, and poetry will be used throughout the year. **Students who are considering this challenge should have at least a 3.50 GPA and/or a strong PSAT score on the verbal portion of that test.**

Creative Writing (501) ½ credit

Grades 10-12

This course explores various genres of writing, such as personal essays, poetry, short stories, plays and children's books. Students study notable creative writers and their methods, keep a journal, turn in weekly writing projects, and share their work occasionally with the class. Venues for possible publication are explored, and a major writing project presentation is required at the end of the semester on exam day.

Speech & Drama (502) ½ credit

Grades 11-12

The main objectives of this course are for students to build upon public speaking and performance skills acquired in English 9 and be exposed to several aspects of the communication process. Students participate in several individual and group speaking activities, produce a creative drama presentation, and critically evaluate themselves and other performers throughout the semester.

Writing for Publication (504) ½ credit

Grades 9-12

Prerequisite: Permission of Instructor

Students learn about journalism, and prepare to produce two of the school's publication, the PHS Voice (school paper) and the Tailings (school yearbook). An emphasis is placed on learning by doing. Students have opportunities to learn news writing, copy work, layout design, advertising and photography.

Newspaper Publications Staff (505) ½ credit (Yea- long class that meets every other day)

Grades 10-12

Prerequisite: Introduction to Writing for Publication (504) and consent of instructor

This publications course is a production course where students design and produce a monthly school newspaper, The PHS Voice. Students will be involved with all aspects of production, including layout design and original writing.

Yearbook Publications Staff (506) ½ credit (Year-long class that meets every other day)

Grades 10-12

Prerequisite: Introduction to Writing for Publication (504) and consent of instructor

This publication course is a production course where students design and produce our yearbook, Tailings. Students will be involved with all aspects of production, including advertising, sales, layout design, and original writing.

Family and Consumer Sciences

COURSE	TITLE	GRADE			
		9	10	11	12
160	Food Science	X	X	X	X
161	Foods and Family	X	X	X	
162	Fashion Careers	X	X	X	X
163	Exploring the Housing Industry	X	X	X	X
164	Family and Jobs	X	X	X	X
167	Creative Careers in FACS	X	X	X	X
264	Family and Society		X	X	X
265	Parents and Children		X	X	X
266	Introduction to Health Occupations		X	X	X
361	Food Service			X	X
3651	Youth Tutoring Youth			X	X
366	Assistant Child Care Teacher			X	X
392	Personal Finance			X	X
464	Human and Community Services Cooperative Classroom				X
465	Human and Community Services Cooperative Work Experience				X

*****Pro-Start is a program sponsored by the National and Wisconsin Restaurant Associations. Students interested in exploring food service as a career can take a series of courses and tests that may enable them to receive up to 12 credits in a food service program at an accredited university. Students interested in Pro-Start should take Foods and Family (161), Food Service (361), and Human and Community Services Coop (464 and 465).**

Food Science (160) ½ Credit

Grades 9-12 Prerequisite: None

Lab Fee: 15.00

Note: Credit may be applied to science requirement for graduation

This applied science course studies how food affects our bodies. Students will complete experiments and write papers covering the important factors in the scientific evaluation of food. Students will learn basic scientific information and apply it to foods. Students will also study careers in food science.

Foods and Family (161) ½ credit

Grades 9-11 Prerequisite: None

Lab Fee: 20.00

This course helps students relate to food in terms of their own well being and analyze traditional patterns of eating in their home and in society. Emphasis will be put on the U.S. Department of Agriculture guidelines for healthy eating. Cooperation will be encouraged and learned through group work and labs in food preparation. By taking this course and passing the Pro-Start year one test, students will start the cycle of advanced standing in the Pro-Start program.

Fashion Careers (162) ½ credit

Grades 9-12 Prerequisite: None

This course expands knowledge and techniques within the textiles and fashion industry. Fashion design, manufacturing, promotion, merchandising, entrepreneurship, and displays will be studied. New trends in the fashion industry will be emphasized.

Exploring the Housing Industry (163) ½ credit

Grades 9-12 Prerequisite: None

This course explores the worldwide housing industry and how it relates to the family. Topics include career opportunities within housing development, home furnishings, and interior design.

Family and Jobs (164) ½ credit**Grades 9-12 Prerequisite: None**

Family life, job life, and citizen life are intertwined, and this class helps students to recognize the influence each has on the other and on career decisions. Students will gain an insight on families and jobs in our society.

Creative Careers in FACS (167) ½ credit**Grades 9-12 Prerequisite: None****Course Fee: \$15.00**

This course will provide the student an orientation to the world of work. Students will research and develop a FACS related career. Units of study include basics of FACS, career exploration, overview of careers available in FACS, applying and interviewing, and the relationships between employee, employer, and co-workers. This course can satisfy the prerequisite for Human and Community Services Coop (464 and 465).

Family and Society (264) ½ credit**Grades 10-12 Prerequisite: None****Note: Credit may be applied to social studies requirement for graduation.**

This course develops positive attitudes and behaviors in interpersonal relationships. Emphasis is placed on decision-making, communication skills, changing roles and lifestyles, living single, marriage preparation, planning and preparing for a family, responsibilities with marriage and management of a home and career.

Parents and Children (265) ½ credit**Note: Credit may be applied to social studies requirement for graduation.****Grades 10-12 Prerequisite: None****Lab Fee: \$5.00**

Course develops self-understanding and the understanding of young children. Topics range from making the decision to be a parent to physical development of a child to basic childcare skills. This class helps students to recognize responsibilities of being a parent and prepares them for working with children through use of labs, lectures, speakers, and films. A pre-school is operated to provide practical learning experience. This course and earning the ACCT certificate in Assistant Child Care Teacher can satisfy the prerequisite for Human and Community Services Coop (464 and 465).

Introduction to Health Occupations (266) ½ credit**Grades 10-12 Prerequisite: None****Lab Fee: \$20.00**

This course is an introduction to the many careers in the health care and human services industry. It will offer job shadowing, CPR training, and career exploration of health related occupations. This course satisfies the prerequisite for Human and Community Services Coop (464 and 465).

Food Service (361) ½ credit**Grades 11-12 Prerequisite: Foods and Family (161)****Lab Fee: \$20.00**

Promotes an understanding of the food service industry and prepares students for entry level and/or advanced education in management, production, and service in institutional, commercial, and privately owned food establishments or other food and hospitality industries. Study includes learning advanced specific language and skills with a variety of specialty foods such as soups, baker, sauces and more. Students will prepare food for public consumption. Knowledge of basic skills for the food service industry will be a requirement for advancement in this course. Catering is also a part of this course. At the end of this class, the student will be given an opportunity to take the Pro-Start year two test, which may lead up to advanced standing in a technical college or certain four-year universities. If the tests are successfully completed, it will satisfy the prerequisite for Human and Community Services Coop (464 and 465).

Youth Tutoring Youth (3651) 1 credit

Grades 11-12 Prerequisite: Record of regular attendance, permission of instructor, and application (available in FACS department).

Youth Tutoring Youth is open to responsible juniors and seniors who are interested in working with young children. Student tutors are provided with the opportunity to assist remedial, corrective, developmental, and/or accelerated students in developing their communication skills. The tutors will be given classroom instruction in child growth and development, effective tutoring strategies, knowledge of reading skill development, lesson plan and material development, and professional ethics. Enrollment will be limited. Students may need to transport themselves to other schools in the district.

Note: Students wishing to continue this course on an independent study basis for second semester should also register for Course #3652. Eligibility for this course will be based on instructor's approval, along with a successful first semester placement.

Assistant Child Care Teacher (366) ½ credit

Grades 11-12 Prerequisite: Parents and Children

Lab Fee: \$20.00

Juniors and seniors interested in a career in Child Care Services may take this course. Students successfully completing this course will be eligible for advanced placement at any technical college in Wisconsin that offers child related courses. This course satisfies the 40-hour requirement that is required to work in a licensed childcare center. This class, in combination with Parents and Children (265) and earning the ACCT certificate, will satisfy the prerequisite for Human and Community Services Coop (464 and 465).

Personal Finance (392) ½ credit

Grades 11-12 Prerequisite: None

This course will provide students with a greater understanding of and ability to manage their personal finances now and as they make the transition to the adult world. Students will learn about both online and traditional products and services for use in managing their money.

Human and Community Services Occupations Cooperative Wage Earning Program

This program consists of a sequence of courses that includes Creative Careers (267) or Introduction to Health Occupations (266); a combination of Parents and Children (264) and Child Care Services (366) and a successful completion of ACCT certificate; a combination of Foods and Family (161) and Food Service (361) and the successful completion of the Pro-Start year one test and year two tests; and the senior level courses (464, 465) described below. This sequence provides students with entry-level skills in FACS related occupations and health occupations. Students in this course sequence are students who have expressed an interest in pursuing an occupation in one of the five cluster areas (clothing, childcare, foods, housing, and family and community services) or health occupations following graduation. Enrollment in the courses in the Human and Community Services program is limited to students who have permission from the instructor.

Human and Community Services Cooperative Classroom (464) 1 credit

Grade 12 Prerequisite: Creative Careers, Introduction to Health Occupations, combination of Foods and Family and Food Service, successful completion of Pro-Start exams, combination of Parents and Children and Child Care Services, and completed application (available in FCE department).

Course Fee: \$35.00 (includes HERO or HOSA dues, plus required activity fee)

The course consists of a more specialized study of Human and Community Services Occupations. Emphasis will be placed on those employee skills necessary to seek and maintain a job. Course activities will enhance the students' understanding of their career goals and steps necessary to reach them. The course is designed to be taken simultaneously with the Human and Community Services Cooperative Work Experience course and will develop work-related skills that will enhance the work experience. The course will provide opportunities for students to become actively involved with professionals who are employed in FACS Related Careers and Health Occupations both in the classroom and the community.

Human and Community Services Cooperative Work Experience (465) 1 credit

Grade 12 **Prerequisite: Enrollment in Human and Community Services Classroom**

This cooperative work experience is designed to develop entry-level job skills in FACS Related Occupations or Health Occupations. This practical (on-the-job) course is designed to provide each student with an opportunity to apply for a job and then accept it, in order to gain work experience. The course is taken simultaneously with the classroom course Human and Community Services Cooperative Classroom. The student's schedule will be structured to provide an average of 10 hours per week of paid or non-paid work experience.

Note: Class 464 (classroom experience) and 465 (work experience) are to be taken together.

Mathematics

Mathematics is a unique sequence of courses, different from other departments in that it is very sequential. Our goal is to provide students with challenging options that prepare them for their future while maintaining their confidence as learners of mathematics. Success in the next course depends on success in the previous course. The foundation must be solid before the next layer is ready to be constructed. For this reason, it is very important that mathematics courses are chosen based on student aptitude and achievement, not social pressures or expectations.

So, what does this mean? If, and when, a student struggles with a semester of mathematics, the decision regarding their next step should be carefully considered. Students who fail a semester of mathematics should not register for the subsequent course. While most colleges require Algebra II for admission, it is first critical that college-bound students have a solid foundation in Algebra I concepts. While a student still earns credit toward graduation with a “D” grade, this is not a good omen for future success in mathematics and we do not advise students to move directly on to Geometry. Repeating Algebra is a reasonable option. Even a “C” should prompt this consideration. It is advisable to have a conversation with your math teacher before moving on to the next course. Other data that might prove to be helpful would include the results of the student’s MAPS and standardized tests for mathematics.

Whatever the student’s level of mathematical knowledge, course choices should not be automatic, but should be made with thoughtful consideration of the student’s readiness. **Our best advice – consult your latest math teacher**

Two years of mathematics are required for graduation from Platteville High School. Algebra I, Geometry, and Algebra II are required for admission to a university. Students should pick a math program consistent with their vocational needs and ambitions. For those desiring to be ready for university requirements, some suggested options are given in the table below.

Grade 9	Algebra IA	Algebra I	Geometry
Grade 10	Algebra IB	Geometry	Algebra II
Grade 11	Geometry	Algebra II	Pre-Calculus
Grade 12	Algebra II	Pre-Calculus	Calculus

Algebra 1A (134) 1 credit

Grade 9 Prerequisite: Approval from 8th grade math teacher

This course covers the first half of Algebra I including chapters 1-6 and a basic review of all arithmetic concepts.

Algebra 1B (234) 1 credit

Grade 10 Prerequisite: Successful completion of Algebra IA.

This course covers chapter 7 and beyond. Students who successfully complete this course meet the prerequisite for taking Geometry.

Algebra I (131) 1 credit

Grades 9-11

Note: Required of all regular education freshmen students not enrolled in Algebra 1A

All students, unless involved in special education, must complete at least one semester of Algebra prior to graduation. Algebra is the foundation for further study in the field of mathematics and science. Algebra I is a comprehensive course in first year algebra. The course includes a study of the real number system. The solution of equations and problem solving will be emphasized.

Geometry (230) 1 credit**Grades 9-12 Prerequisite: Algebra 1**

Geometry is the basic study of size, shape, position, and other properties of the objects around us. It uses proof; a system of thought in which a few basic statements are used to discover and prove results by logical reasoning.

Algebra II and Trigonometry (330) 1 credit**Grades 10-12 Prerequisite: Geometry (230)**

This is a challenging course; therefore, we as a Mathematics Department recommend that a student earns at least a "C" or higher in both Algebra I and Geometry before enrolling in this class.

This course reviews the concepts and skills covered in Algebra I. It provides an understanding of fundamental concepts of intermediate algebra and trigonometry. These include the real and complex number systems, solution of equations, inequalities, and systems of equations and inequalities through quadratics, graphing, functions, solutions of triangles, identities, and solution of trigonometric equations. The TI-84 Plus Silver graphing calculator is required for this course. Calculators may be rented from PHS on an annual basis.

Advanced Algebra Topics (331) ½ credit – semester 2**Grade 12 Prerequisite: Successful completion of one semester of Algebra II/Trigonometry (330), or instructor's consent**

This course is designed for senior students planning post-secondary education, most likely in a four-year setting, who desire a serious college readiness math experience. It not only offers an opportunity to solidify math skills basic to success in college math, but also provides a solid review of math concepts found on college placement tests taken by students in the spring of senior year.

This course is primarily intended to serve students who fit one of the two following criteria:

- (1) Seniors who pass the first semester of Algebra II/Trig (330) with minimal success, proceeding into 2nd semester is not recommended, and another semester of academic math is needed for college admission.
- (2) Seniors who successfully completed Algebra II/Trig (330) as juniors were not sufficiently prepared to take Pre-Calculus and want to take advantage of a senior math experience prior to entering college.

Technical Math (333) ½ credit**Grades 11-12 Prerequisite: Previous math class**

Students who successfully complete this course with 85% or better are eligible to receive advanced credit standing at a Wisconsin technical college by passing a placement test.

Pre-calculus (430) 1 credit**Grades 11-12 Prerequisite: Algebra II and Trigonometry (330)**

This course is designed to provide a firm foundation for the student whose next course is calculus. It includes the study of all kinds of functions, sequences and series, matrices and determinants, vectors, polynomials, a review of trigonometry, and a fairly large concentration of analytic geometry. The TI-84 Plus Silver graphing calculator is required for this course. Students must provide their own calculator.

AP Calculus AB (431) 1 credit**Grade 12 Prerequisite: Algebra III (430)**

Calculus is the mathematics of change and motion, with a strong emphasis on applications. One of its main objectives is to develop procedures for finding maximum and minimum conditions. This course will adequately prepare the student to successfully take the Advanced Placement Test in calculus. By passing the AP Exam, the student will receive credit for one semester of college calculus.

Music

Choralaires (182) ½ credit

Grades 9-10 Prerequisite: Prior singing experience recommended.

Students will study the basic principles of good vocal technique, music theory, music history, composition, and elements of music reading. Repertoire will be selected from a variety of styles and will be performed at concerts in the fall, winter, and spring.

Platteville High School Band (580) ½ credit (This year long class meets every other day.)

Grades 9-12

Prerequisite: At least two years of study on a wind/percussion instrument or permission from instructor.

Course Fee: \$9.00

The Platteville High School band studies, rehearses, and performs a variety of wind band literature ranging from moderate to difficult levels. Performances take place throughout the school year in the areas of concert band, marching band, pep band, and many various ensembles. Students receive instruction in both large group rehearsals and individualized lessons. All students enrolled in the PHS Band are performing members of the concert and marching band and all study music theory, history, literature, and composition through performance on their wind/percussion instruments.

Orchestra Strings (581) ½ credit (This year long class meets every other day.)

Grades 9-12

Prerequisite: Two-year minimum of playing string instrument, unless approved by instructor.

The Platteville High School orchestra studies, rehearses, and performs a variety of string and full orchestral music. Students study musical style, history, technique, and theory as applied to orchestral performance. Students receive both large group and individualized instruction on their instrument. Performances take place throughout the school year.

Orchestra Winds and Percussion (5811) ¼ credit (This year long class meets every fourth day.)

Grades 9-12 Prerequisite: Must be a member of the PHS band and have instructor's approval.

The winds and percussion student needs to be confident solo players, as there is often only one person per part. Winds and percussion need to have approval of the instructor prior to signing up for the class. The class focuses on music theory and history as it relates to our performance pieces.

Cantorum (582) ½ credit (This year long class meets every other day)

Grades 11-12 Prerequisite: Two years prior singing experience recommended.

Students will study advanced principles of good vocal technique, music theory, music history, and elements of music reading and composition. Repertoire will be selected from a variety of styles and will be performed at concerts in the fall, winter, and spring.

Music in Theory and Practice (583) ½ credit (1st year students)

Music in Theory and Practice (5831) ½ credit (2nd year students)

This year long class meets every other day

Grades 11-12 Prerequisite: Permission of instructor

Course Fee: \$25.00 (1st year students only)

This course is designed to present and expand more advanced aspects of music. Students taking this course need to be a member of concert band, orchestra, or Cantorum. Emphasis is placed on music theory, history, ear training and score reading. Also included are fundamentals of conducting, composition, and analysis of all periods of music.

Second year music theory students continue their study of music analysis, counterpoint, ear training and music composition at a more advanced level.

Physical Education

The emphasis of the physical education program is to maximize student participation while introducing them to a variety of fitness activities, lifetime sports, and team sports. Activities will include mountain biking, rollerblading, cross country skiing, weight training, dance, self defense, archery, badminton, pickleball, volleyball, basketball, football, lacrosse, and soccer. Students will be taught health and fitness concepts to build a foundation for them to become healthy and active adults.

PE 9 (141) ½ credit

Required -- This year long class meets every other day

PE 10 (241) ½ credit

Required --This year long class meets every other day

Junior/ Senior Elective Courses .25 credits per class

A minimum of 2 semesters required, meet every other day

* Students may only sign up for one PE course per semester

* Any of the following courses may be repeated and still receive credit;

i.e., Team Sports 1st semester (3411) and Team Sports 2nd semester (3412)

Team Sports (3411 or 3412)

The emphasis will be on skill development and tournament play while participating in all team sports activities such as volleyball, basketball, soccer, lacrosse, football, eclipse, floor hockey, and team handball.

Individual Sports and Fitness Activities (3421 or 3422)

The emphasis will be on participating in lifetime activities such as biking, rollerblading, power walking, badminton, yoga, pickle ball, golf, Frisbee golf, and archery.

Strength Training (3431 or 3432)

Students will participate in a semester long weight training program. Students will be guided in writing their own workout programs to address their individual goals.

Summer School Fit for Life (344S)

This course is offered during the first three weeks of summer vacation. Class meets for 3 hours each day. Students will participate in the following activities: biking, rollerblading, Frisbee golf, racquetball, canoeing, weight training, volleyball, basketball, etc. Course work is designed to teach fitness and nutrition concepts.

Physical Education Teacher Assistant (1411TA or 1412TA)

This course is available for seniors who have fulfilled their other PE requirements and have an interest in teaching or coaching. Teacher assistants will assist the teacher with tasks such as leading warm ups and helping with equipment as well as participate in class and be positive role models for the underclassmen.

Health

Health Education (140) ½ credit

Grades 9-12

Health is a required course if an equivalent course is not taken in 7th or 8th grade. This course brings an awareness of various health-related issues that students will encounter as they go through life. The following units are presented: peer pressure/values/decision-making, emotional health, mental health, alcohol and drug abuse, suicide, and human sexuality.

Wellness for Life (340) ½ credit

Grades 11-12

This course is designed to give students an opportunity to research various health-related issues in the world today. Units covered during the semester include wellness, fitness for life, nutrition, stress, and sexuality.

Science

The intent of the science offerings at PHS is to provide students with a foundation in both the physical and biological sciences. Students are strongly encouraged to take the core curriculum of Biology, Chemistry and Physics. Outlined below is a suggested sequence of classes. Two credits of science are required for graduation from PHS, although most post-secondary four-year institutions require three science classes for admission. Principles of Engineering is accepted at most but not all universities for science credit.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Biology	Biology Chemistry Principles of Engineering	Chemistry Physics Principles of Engineering Advanced Biology	Physics Principles of Engineering Advanced Biology Advanced Chemistry

There are several science-related classes students can take to meet their requirements for graduation. Check with the guidance office or the specific post-secondary institution you plan to attend to verify acceptance for college admission.

- Animal Science-153
- Plant and Soil Science-157
- Food Science-160
- Exploring Natural Resources-258

Biology (121) 1 credit Grades 9-10

Biology is the first course in the Platteville High School science curriculum sequence. This class covers the basics of the study of life as well as the societal implications of recent discoveries in biology. Topics include biochemistry, cell structure and function, genetics, genetic engineering, evolution and ecology. Student activities range from labs and reading assignments to a major project each quarter.

Chemistry (221) 1 credit Grades 10-12 Prerequisite: Biology and Geometry (or concurrent enrollment)

Chemistry deals with all the substances that make up our environment and the changes that take place in those substances. Chemistry has two objectives at PHS. One is to give the students a basic understanding of the principles and theories of chemistry as a science. The other objective is to aid the student in using these principles and theories in explaining some of the observable changes in their environment.

Physics (322) 1 credit Grades 11-12 Prerequisite: Chemistry and Algebra II (or concurrent enrollment)

Physics includes the study of the universal principles controlling the behavior of matter and energy upon which the conveniences and necessities of modern life are built. General topics studied in physics include motion, astronomy, dynamics, atomic and nuclear physics, heat, wave motion, sound, light, electricity, magnetism and electronics.

Principles of Engineering (328) 1 credit Grades 10-12 Prerequisite: Geometry (or concurrent enrollment)

This is the second course in the Project Lead the Way Sequence. This course will expose students to the important concepts involved with engineering. Students will work on real life case studies that are examples of the type of problems they would be solving in this career. While working on case studies, students will be implementing acquired math and science skills. This hands-on laboratory course will cover the concepts, principles, skills, techniques, and attitudes needed for a career in engineering.

Advanced Biology (420) 1 credit**Grades 11-12 Prerequisite: Biology and Chemistry**

This is a course in human anatomy and physiology. All of the major organ systems are covered: integumentary, musculoskeletal, cardiovascular, respiratory, digestive, excretory, nervous, endocrine and immune systems. The class begins with a review of cell biology. Students are expected to pass (80%) a test on basic cell processes. Unit activities include laboratory investigations, readings, lectures, class discussions and a major project each semester.

Advanced Chemistry (421) 1 credit**Grade 12 Prerequisite: Chemistry and Physics**

This course is a continuation of chemistry expanding into areas such as reaction equilibrium, reaction kinetics, industrial chemistry, organic chemistry, polymer chemistry and updated atomic theory. The course is lab oriented with at least two days a week being spent in lab. This course is not designed to replace the college entry-level course. Students will be required to demonstrate an 80% mastery of past chemistry material. Students are also required to perform a demonstration for the class and provide a guest lecturer in the field of chemistry.

Social Studies

The Social Studies department strives to develop reflective, democratic citizenship within a global context. Students can pursue coursework within the social and behavior sciences, U.S. history, world geography, psychology, Wisconsin history and geography, and politics.

Each student is required to have successfully completed three credits in Social Studies for graduation.

Course	Title	Grade			
		9	10	11	12
111	World Geography	X			
214	American History		X		
215	AP United States History		X	X	X
311	AP World History			X	X
312	Civics			X	X
313	Wisconsin			X	X
314	AP United States Government and Politics			X	X
413	Introduction to Psychology				X

World Geography #111 and American History #214 are required of PHS regular education students.

The following are social studies related classes students can take to meet the social studies requirement for graduation from PHS. These courses may not be accepted at post-secondary institutions as meeting social studies requirements for admissions. For college bound students, it would be wise to take these classes only for elective credits. Further descriptions of these courses are located in the Family and Consumer Education section.

These courses include the following: **Family and Society (264); Parents and Children (265)**

World Geography (111) 1 credit

Grade 9 Prerequisite: None

This course is required of all freshmen and is designed to help students understand the characteristics of a particular region of the earth. The class will study all aspects of geography including physical, place, and economic geography as well as the history of different regions of the world. Special emphasis will be placed on the following: maps, habitat of man, geography of population, and the industrial and democratic revolutions.

American History (214) 1 credit

Grade 10-11 Prerequisite: None

American History is a general survey course of the history of the United States from the time period of European exploration to the present. Emphasis is placed on the following areas pertaining to American history: (1) Geography of the U.S., (2) time periods in American history, (3) concepts and terminology for understanding history, (4) relations with other countries, (5) significant people from our country's history, (6) chronology of events, (7) cause-effect relationships, (8) relationships between the past and the present. This course is designed to help students increase their understanding of America's past history and the world they live in at present.

AP United States History (215) 1 credit

Grade 10-12 Prerequisite: Students will be admitted to the class based on the following criteria:

English and Social Studies teacher recommendations, and written application.

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses.

It is designed for students who seek to waive unspecified college history credits by successfully completing the national Advanced Placement in United States history test upon course completion.

AP World History (311) 1 credit**Grades 11-12 Prerequisite: None**

This course surveys the history of the world, beginning with a survey of ancient and medieval civilizations. The emphasis of the course is on the modern world (1300-present) and the impact Western European Civilization has had on contemporary affairs. The course prepares students for advanced placement testing and possible college refinement of historical-interpretive writing. The class must be taken in semester sequence for maximum benefit.

Civics (312) ½ credit**Grades 11-12 Prerequisite: None**

This course emphasizes the principles, functions, organizational structure and problems of United States government today. Students will learn the process of analyzing political, social, and economic issues rationally and objectively. Students will develop civic competence by learning to recognize the purpose of the democratic process, the forces of conflict and compromise, the role of selection and participation, and the adjustment of grievance in a responsible manner within a democratic society. The ultimate goal of this course is active, responsible citizenship.

Wisconsin (313) ½ credit**Grade 11-12 Prerequisite: None**

Wisconsin is a general survey course concerning the State of Wisconsin. This course is meant to highlight those things that describe what the State of Wisconsin is about both past and present. The student should acquire an understanding of the state they live in. Emphasis is placed on the following areas pertaining to Wisconsin: (1) history, (2) geography, (3) industry, (4) forest resources, (5) population, (6) agriculture, (7) government, (8) recreation, (9) Native Americans, (10) minerals, (11) transportation, (12) weather and climate.

AP United States Government and Politics (314) 1 credit**Grade 11-12 Prerequisite: Students will be admitted based upon the following criteria: English and social studies teacher recommendation and completion of American History.**

This course will give students an analytical perspective on government and politics in the United States. This course involves both the studies of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. The student will examine six political/governmental themes: Constitutional Underpinnings of United States Government, Political Beliefs and Behaviors, Political Parties and Interest Groups, The Congress, the Presidency, the Bureaucracy, and the Federal Courts, Public Policy, and Civil Rights and Civil Liberties.

Introduction to Psychology (413) ½ credit**Grade 12 Prerequisite: None**

This semester class uses scientific reasoning to explore human behavior and mental processes. Students will examine psychological issues and how these issues impact our relationships with individuals, family, and society. Application of content to real life situations is stressed. Topics include experimental psychology, the brain, learning and memory, personality, psychological disorders, development, altered states of consciousness, and social psychology.

Special Education

Courses in the Special Education Department are specially designed for those students who have Individual Education Plans. Registration for these courses must be reviewed and approved by a Special Education teacher. These courses replace required courses in the core academic areas and may be used to meet PHS graduation requirements.

ENGLISH

801	English (CDS)	Chandler
802	English (Cross-Categorical)	Anderson
804	English (Cross-Categorical)	Hahn
805	English 9 (LD)	Anderson
806	English 10(LD)	Anderson
807	English 11/12 (LD)	Hahn
808	English (ED)	Schroeder

MATHEMATICS

830	Math (Cross-Categorical)	Chandler
831	Math (Cross-Categorical)	Anderson
836	Math 9 (LD)	Hahn
837	Applied Math 10-12 (LD)	Hahn
838	Math (ED)	Schroeder

SCIENCE

821	Life Science (Cross-Categorical)	Chandler
822	Earth Science (Cross-Categorical)	Chandler
823	Science Scan (Cross-Categorical)	Anderson
825	Bioscan (LD)	Anderson
826	Earth Scan (LD)	Anderson
828	Science (ED)	Schroeder

SOCIAL STUDIES

811	US History (Cross-Categorical)	Chandler
812	US History II (Cross-Categorical)	Chandler
813	Social Issues (Cross-Categorical)	Hahn
817	Current Events (LD)	Hahn
818	Social Studies (ED)	Schroeder
819	Social Studies (Cross-Categorical)	Anderson

ELECTIVES

847	Recreation and Leisure (CD)	Chandler
851	Adaptive Agriculture (Cross-Categ.)	Schroeder
860	Community (CD)	Chandler
864	Life Skills	Chandler
870	Adaptv Tech Ed (Cross-Categorical)	Schroeder
890	Work Study (CD)	Chandler
891	In School Work (CD)	Chandler

Technology and Engineering

COURSE	TITLE	GRADE			
		9	10	11	12
172	Introduction to Engineering Design (PLTW)	X	X	X	X
174	Energy, Power and Transportation	X	X	X	X
176	Explorations in Manufacturing and Construction	X	X	X	X
179	Production Graphics	X	X	X	X
276	Construction Technology		X	X	X
277	Computer Integrated Manufacturing (PLTW)		X	X	X
279	Multi-Media Communications	X	X	X	X
328	Principles of Engineering (PLTW)		X	X	X
372	Civil Engineering and Architecture (PLTW)		X	X	X
373	Technology Systems			X	X
376	Product Development and Design			X	X
379	Photography			X	X
475	Technology and Engineering Coop Work Experience				X
503	Broadcasting		X	X	X

Technology and Engineering offerings are elective courses providing students the opportunity to explore skills and careers in a rapidly advancing technological world. Courses in this department are divided into three areas: Engineering, Manufacturing and Construction, and Communications. Students are invited to sample from each area but will gain the most benefit by understanding the sequences within the areas. Prerequisite courses are essential elements if students hope to take advantage of the advanced level courses offered.

Energy, Power, and Transportation (174) ½ credit

Grades 9-12 Prerequisite: None

This course is designed to provide students with an overview of energy, power, and transportation technologies and their effect on everyday life. Areas of study will include electrical power generation and distribution, fossil fuels and renewable energy resources, nuclear energy, energy conservation, fluid power, external and internal combustion engines and modes of transportation.

ENGINEERING COURSES (Project Lead the Way)

Project Lead the Way is a program designed to serve students who have an interest in careers that demand either a two or four year course of study with an emphasis in engineering.

Introduction to Engineering Design (172) 1 credit

***May be taken for first semester only if requested.**

Grades 9-12 Prerequisite: None

Note: Students may earn advanced standing credit at a Wisconsin technical college.

This course emphasized the development of a design. Students use computer software to produce, analyze, and evaluate models of projects and/or solutions. Students will study the design concepts of form and function, and then use state-of-the-art technology to translate conceptual design into reproducible products.

Principles of Engineering (328) 1 credit**Grades 10-12 Prerequisite: Chemistry (or concurrent enrollment)****Note: Credit for this course may be applied to the science requirement for high school graduation.**

This is the second course in the Project Lead the Way sequence. This course will expose students to the important concepts involved with engineering. Students will work on real life case studies that are examples of the type of problems they would be solving in this career. While working on case studies, students will be implementing acquired math and science skills. This hands-on laboratory course will cover the concepts, principles, skills techniques, and attitudes needed for a career in engineering.

Computer Integrated Manufacturing (277) 1 credit**Grades 10-12 Prerequisite: None****Note: This bi-annual course will alternate with Civil Engineering and Architecture (372) and will be offered in the 2011-12 school year.**

This is a course that applies the principles of robotics and automation. The course builds on computer solid molding skills developed in Introduction to Engineering Design. Students use CNC equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing and design analysis are included.

Civil Engineering and Architecture (372) 1 credit**Grades 10-12 Prerequisite: None****Note: This bi-annual course will alternate with Computer Integrated Manufacturing (277) and will be offered in the 2012-13 school year.**

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. This course covers topics such as site planning, design and project documentation and presentation.

MANUFACTURING and CONSTRUCTION COURSES**Explorations in Manufacturing and Construction (176) 1/2 credit****Grades 9-12 Prerequisite: None****Lab Fee: \$10.00/student**

Students will complete introductory projects in the area of woods, metals, and plastics. Students will receive a safety certification on several machines used in the technology lab, which can be applied to latter courses in technology.

Construction Technology (276) 1/2 credit**Grades 10-12 Prerequisite: Explorations in Manufacturing and Construction (176)****Note: Student projects are required, and material costs are the student's responsibility.**

This course is designed for those students who would like to continue to explore construction technology. Students will study construction materials and practices. This will be accomplished with a combination of projects and presentations dealing with different aspects of the construction industry. This course has required projects that enhance or develop previously learned skills while introducing new skills associated with cabinet making and furniture construction.

Product Development and Design (376) 1/2 credit**Grades 11-12 Prerequisite: Explorations in Manufacturing and Construction (175)****Lab Fee: \$10.00****Note: Student projects are required, and material costs are the student's responsibility.**

This is an advanced course in woodworking and students should have a genuine interest in this area before enrolling. Projects will involve extensive use of math, writing, and reading skills along with the ability to follow a written set of instructions.

COMMUNICATIONS COURSES

Production Graphics (179) ½ credit

Grades 9-12 Prerequisite: None

Lab Fee: \$10.00

This course is designed to teach students basic techniques of preparing mass viewed production graphics. This course involves the extensive use of computers and graphic producing software. Student should have a strong interest in the graphics and printing industry before enrolling in this course

Multi-Media Communications (279) ½ credit

Grades 9-12 Prerequisite: None

Lab Fee: \$15.00

Students will develop skills related to the production of visual, audio, electronic, and printed media. Students will apply these skills in a variety of projects that enhance the skills developed in the course. Student should be imaginative and self motivated before enrolling in this course.

Photography (379) ½ credit

Grades 11-12 Prerequisite: Multi-Media Communications (279)

Lab Fee: \$15.00

This course will take students beyond the “snapshot” stage to be able to critically evaluate their photo taking and printing techniques. Students should have their own digital camera before enrolling in this course. Students should expect a high volume of required photographs and their work to be turned in for evaluation.

Broadcasting (503) 1 credit

Grades 10-12 Prerequisite: Multi-Media Communications

Lab Fee: \$20.00

Students will produce and air a monthly news show for Platteville High School. Students are expected to have strong writing, reading, and technical before enrolling in this course. Students enrolled in this course should be self-starters and highly motivated for individualized learning.

ADVANCED TECHNOLOGY COURSES

Technology Systems (373) ½ credit

Grades 11-12 Prerequisite: Instructor’s Consent

Note: This course can be taken both first and second semester within the same school year. If a student wishes to take both semesters, list the course number twice on the registration worksheet.

Technology Systems is an activity-based course that provides students the opportunity to conduct advanced research and development activities in one or more of the following technology related areas: communication, manufacturing, construction, and power/transportation. A student or small group of students will creatively pursue new knowledge, skills, and technological/industrial problem-solving opportunities. Students conduct research, data collection, and problem solving, designing, developing prototypes, and making working models. Examples of student learning activities include constructing prototypes, make working drawings, conduct computer simulations, design and engineer products, and prepare technical reports. Examples of equipment used are computer hardware/software, computer-aided drafting (CAD), robotics and computer numerical control (CNC), machine tools, telecommunication equipment, electricity-electronic trainers, video production equipment, and appropriate equipment related to the technologies of communication, manufacturing, construction, and power/transportation.

Technology and Engineering Cooperative Wage Earning Program:

This program provides students with basic job skills so that they may successfully perform the duties of entry-level workers in their specific area of study (auto, construction, manufacturing, and communication). Students in this class are those who have expressed an interest in working in the trades or furthering their education in these areas after graduation. Enrollment is limited to students who have permission from the instructor.

Technology and Engineering Cooperative Work Experience (475) 1 credit

Grade 12 **Prerequisite: Instructor's consent.**

This cooperative work experience is designed to develop entry-level job skills in technology education related occupations such as auto mechanics, drafting, construction, manufacturing and communications. This practical (on-the-job) course is designed to provide each student with an opportunity to apply for a job and then accept it, in order to gain work experience. The student's schedule will be structured to provide a minimum of 10 hours per week of work experience. In addition to earning a credit, the student can earn an hourly wage.

Please Note: Students will be required to meet every Monday during class time with the instructor during the first nine weeks.

World Languages

French I (108) 1 credit

Grades 9-12 Prerequisite: None

The first year of French is the study of basic grammar, vocabulary and pronunciation of the target language. It also includes the study of the countries that speak the language, their customs and their way of life. Activities in this course include singing French songs, passing both written and oral tests, writing short compositions, studying vocabulary, working in pairs and small groups, and participating in classroom activities. Students should show a willingness to speak French in class.

French II (208) 1 credit

Grades 10-12 Prerequisite: French I

Recommendation: Grade C or better in French I

The second year of French is the continued study of the grammar and vocabulary of the target language. It also includes further study of the geography and culture of countries where French is spoken. Conversational ability is expected to improve this year, as is the ability to read and write in the target language. In order to enroll in this course the student should have had at least a C average in French I.

French III (308) 1 credit

Grades 11-12 Prerequisite: French II

Recommendation: Grade B or better in French II

The third year of French includes the study of advanced grammar and vocabulary as well as francophone geography and culture, specifically in Africa. Students will be expected to speak, read and write using the target language. They will also be asked to reflect on current events and be able to articulate their views using the target language. It is recommended that the student had at least a B average in French II to enroll in this course.

French IV (408) 1 credit

Grade 12 Prerequisite: French III

Recommendation: Grade B or better in French III

The fourth year of French is the continued study of advanced grammar concepts and vocabulary. The emphasis of French IV is the study of France, specifically regional geography, history, literature, and current events. Students are expected to use only the target language in class and should show a willingness to participate. In order to enroll in this course the student should have had at least a B average in French III.

Spanish I (109) 1 credit

Grades 9-12 Prerequisite: None

The first year of Spanish is the study of basic grammar, vocabulary and pronunciation of the target language. It also includes the study of the countries that speak the language, their customs and their way of life. Activities in this course include working with CDs in the foreign language, passing both written and oral tests, writing short compositions, studying vocabulary, working in pairs and small groups, and participating in in-class activities. Students should show a willingness to speak the foreign language in class.

Spanish II (209) 1 credit

Grades 9-12 Prerequisite: Spanish I

Recommended C or better in Spanish I

The second year of Spanish language is the continued study of the grammar and vocabulary of the target language. It also includes further study of the geography and culture of countries where Spanish is spoken. Conversational ability is expected to improve this year, as is the ability to read and write in the target language. In order to enroll in this course the student should have had at least a C average in Spanish I.

Spanish III (309) 1 credit**Grades 10-12 Prerequisite: Spanish II****Recommended B or better in Spanish II**

In Spanish III, students continue developing communicative competency in Spanish. Students continue to add to vocabulary, explore more difficult sentence construction, study Hispanic culture, and work with more songs. Hispanic members of the community may be guests. Because reading material includes short stories and poems, students are expected to pass short essay tests on literature. Students should be able to communicate their own ideas in Spanish with some ease, and should be able to accomplish in-class projects in Spanish. Almost the entire course is conducted in Spanish.

Spanish IV (409) 1 credit**Grade 11-12 Prerequisite: Spanish III****Recommended B or better in Spanish III**

After Spanish IV, a student and a native speaker accustomed to dealing with non-native speakers should be able to communicate with ease. Students continue to add to vocabulary, explore more difficult sentence construction, study Hispanic culture, and work with more songs to improve listening comprehension, intonation, and pronunciation. Hispanic members of the community may be guests. Because reading material includes short stories and poems, students are expected to pass short essay tests on literature. Students should be able to communicate their own ideas in Spanish with some ease and should be able to accomplish in-class projects such as making music videos of Spanish songs without using English. Much of the course is conducted in Spanish.

Spanish V (509) 1 credit**Grade 12 Prerequisite: Spanish IV****Recommended B or better in Spanish IV**

At the completion of Spanish V, a student and a native speaker accustomed to dealing with non-native speakers should be able to communicate with ease. The student should even be able to understand some jokes and prose using idiomatic expressions. Students continue to add to vocabulary, explore more difficult sentence construction, study Latino culture, and work with more songs to improve listening comprehension, intonation, and pronunciation. Latino members of the community may be guests. Because reading material includes short stories and poems, students are expected to pass short essay tests on literature. Students should be able to communicate their own ideas in Spanish with some ease, and should be able to accomplish in-class projects such as making music videos of Spanish songs without using English. The course is conducted entirely in Spanish.

Youth Apprenticeship

Grades 11 – 12

Application required –See Mr. Quam

The classes for the following Youth Apprenticeship programs are taken at Southwest Technical College and may be taken for 1 or 2 years:

- **Auto Collision (Based on Enrollment)**

Entry Level Basics
Refinishing and Trim
Panel Preparation and Repair
Structural Analysis and Mechanical Repair

- **Auto Technician (Based on Enrollment)**

Automotive Servicing Basics/Vehicle Maintenance
Suspension and Steering I/Engine Performance
Brake Systems I/Suspension and Steering II
Brake Systems II/Engine Performance II

- **Financial Services**

Principles of Depository Institutions
Marketing for Financial Institutions
Operations of Financial Institutions
Business Law and Financial Institutions

- **Graphic Arts and Printing
(Based on Enrollment)**

Fundamentals of Graphic Arts/Printing
Finishing, Binding, and Distribution
Image Transfer

- **Health Services**

CNA
Career Exploration
First Aid/CPR
60-Hour Nursing Assistant Basic
Medical Terminology 1
Medical Terminology 2
Medical Terminology 3

- **Logistics**

Customer Service Management
Global Purchasing and Logistics
Transportation Basics
Logistics/Quality

- **Lodging Management**

Housekeeping
Front Office
Marketing and Sales
Food and Beverage

- **Tourism**

Customer Sales, Marketing, and Public Relations
Human Resources and Public Relations
Management Operations and Fiscal Resources
Specialized Even Training Programs,
Promotions or Activities

- **Welding (@ River Valley)**

Welding Basics
Welding Principles and Practices
Cutting Principles
Cutting Practices

Student selecting the following YA programs must take a related PHS course each semester:

- **Business - 1 year only**
- **Drafting and Design - 1 or 2 year**
- **Production Agriculture - 1 year only**