

PARKVIEW HIGH SCHOOL

COURSE DESCRIPTION BOOK

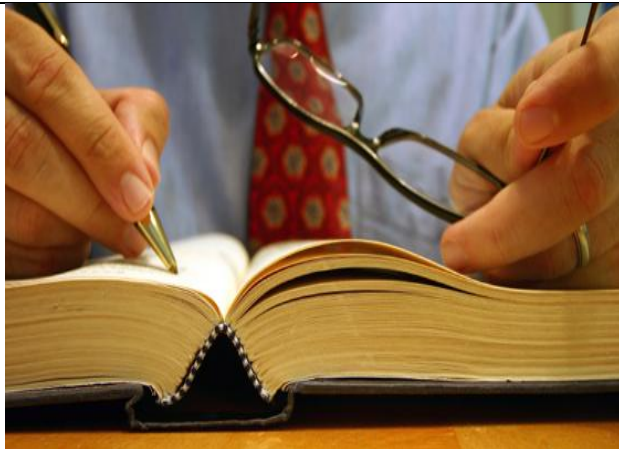
Your life will be no better than the plans you make and the action you take.
You are the architect and builder of your own life, fortune, destiny.
Alfred A. Montepert



The quality of a person's life is in direct proportion to their commitment to excellence, regardless of their chosen field of endeavor. Vincent Lombardi



Nurture your mind with great thoughts, for you will never go any higher than you think.
Benjamin Disraeli



Whoever I am, or whatever I am doing, some kind of excellence is within my reach. John W. Gardner



Let us not be content to wait and see what will happen, but give us the determination to make the right things happen.
Peter Marshall

2014-2015

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COURSE SELECTION AND GRADUATION REQUIREMENT INFORMATION

Attention: *Students and parents should carefully read the directions on this page and the directions on the "course selection sheet" before any courses are selected.*

Directions and general information:

I. Graduation requirements

- A. Four (4) years of full-time attendance
- B. All students must take a minimum of six (6) academic courses each semester, not counting Physical Education.

Each student must earn credits in the following required curricular areas:

Credits	
For school years through 2015-2016	
English	4
Social Studies	3
Math	3
Science	2
Physical Education	1 1/2
*Health	1/2
Electives	10 1/2
Total	24 1/2

Credits	
Starting with school year 2016-2017	
English	4
Social Studies	3
Math	3
Science	3
Physical Education	1 1/2
*Health	1/2
Electives	9 1/2
Total	24 1/2

- * In addition to the above credits, ½ credit of health education must be completed sometime between grades seven and twelve.
- II. Any subject that meets five days a week for one semester is worth one-half credit.
- III. The graduation requirements and the six (6) academic course minimum per semester should be considered as the bare minimum. Students (and parents) wanting to gain the fullest educational experience, wanting to gain the most from their tax dollars, and wanting to really help themselves prepare for the best future possible, should plan to exceed these requirements. A senior must complete all graduation requirements and meet the attendance requirement that includes making up all time-owed in order to participate in the graduation ceremony.
- IV. Make course selections very carefully! Schedule changes at the start of the school year will **not** be allowed. Exceptions will be considered only for the following reasons:
 - A.) A medical recommendation;
 - B.) A very special reason involving permission of a counselor, principal(s), and when appropriate, parents;
 - C.) A scheduling error is detected,
 - D.) Or balancing course sections as determined by school administrators.
- V. Students planning to attend college or specialized training schools should give special consideration to the following: the parents and students must assume the responsibility of meeting the entrance requirements of the

particular institution he or she wishes to attend. Please write to the school for entrance requirements or see the school counselors at the high school.

- VI. Parents should feel free to contact Parkview School (879-2994) at any time regarding any questions pertaining to the education of their son(s) or daughter(s).

EQUAL EDUCATIONAL OPPORTUNITIES

The right of a student to participate fully in any curricular, co-curricular, pupil services, recreational or other program, or activity will not be denied because of a person's sex, race, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability.

Concerns regarding alleged violations of this policy shall be referred to the Superintendent of Schools, 106 W Church Street, Orfordville, WI 53575-0250. A procedure for processing the complaint is part of this policy.

COLLEGE AND UNIVERSITY REQUIREMENTS

General college requirements include high school graduation, courses identified as college prep courses, class rank, and ACT test scores. Individual campus admission requirements vary greatly and change frequently. It is necessary to see your counselor to find out the specific requirements.

Basic requirements for all UW-System institutions include, but are not limited to, the following: **English-4 years, Science-3 years, Social Science-3 years, Mathematics-3 years, (including Algebra II)**. Some institutions require 2 years of foreign language credit. It is **very important** that students **meet with their counselor** during their junior year to discuss specific campus requirements. In general, most students may take the ACT in the spring of their junior year. Students may also take the SAT in the spring of their junior year.

VOCATIONAL AND TECHNICAL SCHOOL

The great variety of one and two year programs available to students in vocational and technical schools makes it impractical to try to generalize about entrance requirements or to recommend programs of preparation. Vocational courses do require a mastery of basic reading, writing, and computational skills. Employers consider strong communication skills just as essential as technical preparation. Technical schools are currently very popular because they train students to have a marketable skill, provide apprenticeships, and on-the-job training.

VIRTUAL SCHOOL OPPORTUNITIES

Parkview offers Virtual school opportunities through online courses, which provides an alternative to the traditional classroom setting. If you are interested in AP courses or elective courses that are not offered at Parkview please contact the Guidance Counselor to explore other options.

A MESSAGE FOR STUDENTS AND PARENTS/GUARDIANS

Choosing courses is one of the most important decisions students will make during high school. This guidebook will help students make the best choices possible regarding course selections. To better assist students in course selections necessary for career paths, this book describes the career clusters with the classes offered within the cluster, followed by the course descriptions. It is important that time is spent consulting with parents, teachers and school counselors in considering your options. Questions can be answered by the following: Parkview High School at 879-2994

William Trow	Principal	Ext. 5114	wtrow@email.parkview.k12.wi.us
Joel Deremo	School Counselor (grades 9-12)	Ext. 5124	jderemo@email.parkview.k12.wi.us
Kelly Cunningham	School Counselor (grades 7& 8)	Ext. 5120	kcunningham@parkview.k12.wi.us

Articulation Agreements for High Schools

Students taking courses marked with the Blackhawk Technical College graphic can earn **free BTC credits** at Blackhawk Technical College. See your business teacher for more details.



Purpose and Benefits:

- To help transition high school students to post-secondary education
- To provide high school students the opportunity to earn technical college credit while in high school.
- To assist high school students in moving forward in their chosen career pathway.

Definitions and Requirements:

Two types of articulation exist: **Advanced Standing and Transcribed Credit**

- For Advanced Standing articulation, the high school course and Blackhawk Technical College (BTC) course must be comparable
 - Curriculum, objectives and competencies should be equivalent
 - Student must achieve a minimum grade of "B" to receive Advanced Standing on their transcript
 - Advanced Standing agreements are reviewed every three years or sooner if there has been a curriculum change or an instructor change
- For Transcribed Credit, the course articulated is a BTC course that is taught at the high school.
 - Curriculum, objectives, and competencies established by BTC must be the same
 - The assessment criteria and grading formula established by BTC must be followed
 - Student must achieve a minimum grade of "C" to receive Transcribed Credit on their transcript
 - The textbook to be used is the same or is an agreed upon equivalent textbook
 - The course is taught by a high school teacher who meets articulation certification for the Wisconsin Technical College System (WTCS)

For more information, please contact:

Mrs. Achterberg in the Business Education Department

At 879-2994 ext. 5101 achterberg@email.parkview.k12.wi.us or

Mr. Deremo in the Guidance Department

At 879-2994 ext. 5124 jderemo@email.parkview.k12.wi.us

Suggested High School Courses Necessary for 4 Year College Programs

Program	Math	Science	Social Studies	Foreign Language	Additional Courses	Other Recommended skills/Experience
Agriculture Natural Resources					Agricultural courses	Work Experiences, FFA
Architecture	4 yrs				Basic Design/Draw Art, Art History, Visual Arts, Graphics, Photo, Tech Ed	Student Vocational Organizations
Biological Sciences	4 yrs			Additional Foreign Languages		
Business & Management	4 yrs			Additional Foreign Languages	Computer Coursework & Keyboard	Student Vocational Organizations
Communications and Journalism				Additional Foreign Languages		High School Paper, Yearbook, Local Newspaper
Computer Science	4 yrs		Economics	Additional Foreign Languages	Computer Coursework, Keyboard, Mech. Drawing	
Education			Psychology & Sociology			Teacher Asst./Volunteer Tutor, Student Organization
Engineering	4 yrs	1 additional yr of Advanced Chemistry or Physics			Keyboard, Tech. Ed. classes including Manufacturing & Comm. Systems	Computer Experience
Fine/Applied Arts				Additional Foreign Languages	Art History Music History	Experience in Creative and Performing Arts Inter-cultural experiences
Foreign Language				Additional Foreign Languages		
Forestry	4 yrs				Graphic Arts including Mech. Drawing	Work/Club experiences
Health Science & Services	4 yrs	1 additional yr of Advanced Biology or Chemistry	Psychology	Additional Foreign Languages		Work/Volunteer experience in Public Agency, Student Voc. Organization
Family & Consumer Education			Psychology & Sociology		Family & Consumer Education courses	Student Voc. Organization
Humanities				Additional Foreign Languages		Intercultural experiences
Physical Sciences	4 yrs			Additional Foreign Languages		
Public Affairs/Services			Economics, Sociology or Psychology	Additional Foreign Languages		Work/Volunteer experiences
Social Sciences	4 yrs			Additional Foreign Languages		

Career Options



The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

Career Pathways

Agribusiness Systems
Animal Systems
Environmental Service Systems
Food Products and Processing Systems

Natural Resources Systems
Plant Systems
Power, Structure & Technical Systems

Courses Offered in this Pathway

Agri Science Survey
Agribusiness and Leadership
Agricultural Building Construction Technology
Agricultural Power Machines Technology
Agriculture Welding and Metal
Biology, A.P. Biology
Botany
Accounting I & II
Career Exploration & Preparation
Algebra I & II
College Algebra & Trigonometry
Chemistry

Food Production and Processing
Horticulture and Landscaping
Large Animal Veterinary Science
Small Animal Veterinary Science
Wisconsin Outdoors
Earth & Space Science
Environmental Science
Spanish I-IV
Introduction to Business
Geometry
Consumer Chemistry

Extra Curricular Organizations & Activities:

FFA
National Honor Society
Culinary Arts Team
Future Problem Solvers
Athletics / Sports Teams

Do you have an interest in:

Animals

- Working with sick or injured animals
- Working with companion animals like dogs and cats
- Working with unique species such as fish for food
- Marine Biology
- A medical field

Natural Resources

- Native fish and their aquatic habits
- Forest ecosystems
- Preservation of endangered species
- Wolves and whitetails in Wisconsin
- Air and Water Quality

Plants

- Caring for plants in your home or yard
- Designing landscape for homes or businesses
- Developing new plants or modifying existing ones
- What plants need to grow successfully

Foods

- What makes bread rise
- Being a food scientist
- Designing new food and flavors
- How science is used to process your food

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Bee Keeper	Fisherman	Nursery Worker	Stable Worker
Crop sprayer	Landscape Laborer	Pet Groomer	Vet Hospital Worker
Farm Worker	Logger	Pet Shop Worker	

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

Arborist	Crop &/or Animal Farmer	Genetic Technologist	Turf Manager
Animal Control Officer	Environmental Technician	Golf Course Management	Veterinary Technician
Animal Nutritionist	Farrier	Greenhouse Manager	Waste Water Technician
Bio-Tech Lab Technician	Fish & Game Officer	Horticulturist	Landscape Designer

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

Ag Commodities Broker	Animal Scientist	Game Warden	Soil Scientist
Ag Economist	Biochemist	Geneticist	Toxicologist
Ag Educator	Botanist	Greenhouse Operator	USDA Inspector
Ag Engineer	Entomologist	Landscape Architect	Veterinarian
Ag Sales & Communications	Food Scientist	Marine Biologist	Wildlife Biologist
Ag Banker	Forrester	Plant Pathologist	Zoologist
Animal Psychologist		Soil Geologist	



Careers in designing, planning, managing, building and maintaining the built environment.

Career Pathways

Construction
Design-Pre-Construction
Maintenance / Operations

Courses Offered in this Pathway

Architectural Drawing
Agricultural Buildings and Construction
Cabinetmaking
Exploring Technology
Woodworking
Environmental Science
Introduction to Business
Career Exploration & Preparation

Algebra I through Calculus
English -Skills acquired in English are considered important for all career paths
Spanish I-IV
Physics
Computer Literacy
Programming 1, 2, 3

Extra Curricular Organizations & Activities:

FFA
National Honor Society
Future Problem Solvers
Student Council
Athletics / Sports Teams

Do you have an interest in:

Activities that describe what I like to do:

- Read and follow blueprints and/or instructions
- Picture in my mind what a finished product looks like

Work with my hands.

- Perform work that requires precise results
- Solve technical problems
- Visit and learn from beautiful, historic, or interesting buildings
- Follow logical, step-by-step procedures

Personal qualities that describe me:

- Curious
- Good at following directions
- Pay attention to detail
- Good at visualizing possibilities
- Patient and persistent

School subjects that I like:

- Math
- Drafting
- Physical Sciences
- Construction Trades
- Electrical Trades/Heat, Air Conditioning and Refrigeration/Technology Education

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- | | | |
|----------------------------|---------------------|-------------------------------------|
| Construction Laborer | Highway Maintenance | Grading & Leveling Machine Operator |
| Construction Worker Helper | Roofer | Heavy Equipment Operator |
| Fence Builder | Tile Setter | Groundskeeper and Gardener |

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

- | | | |
|-----------------------|-------------------|-----------------------------------|
| HVAC Technician | Drywall Installer | Plumber |
| Architectural Drafter | Electrician | Tile Setter |
| Brick Layer | Glazier | Civil Engineering Technician |
| Carpenter | Pipefitter | Electrical Engineering Technician |
| Cement Mason | Plasterer | |

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

- | | | |
|---------------------|---------------------|---------------------|
| Architect | Civil Engineer | Grounds Supervisor |
| Building Contractor | Cost Estimator | Interior Design |
| C.A.D. Designer | Electrical Engineer | Landscape Architect |



Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

Career Pathways

Audio and Video Technology and Film
 Visual Arts
 Journalism and Broadcasting

Printing Technology
 Performing Arts
 Telecommunications

Courses Offered in this Pathway

Architectural Drawing
 Agricultural Buildings and Construction
 Cabinetmaking
 Exploring Technology
 Woodworking
 Computer Literacy
 Internet Literacy
 Career Exploration & Preparation

Algebra I & II, Geometry, College Algebra & Trig
 English -Skills acquired in English are considered important for all career paths
 Spanish I-IV
 Yearbook
 Programming 1, 2, 3

Extra Curricular Organizations & Activities:

Forensics
Future Problem Solvers
Athletics / Team Sports
Band
Choir
Drama
Yearbook
Newspaper

Do you have an interest in:

Activities that describe what I like to do:

Use my imagination to communicate new

Personal qualities that describe me:

Creative and imaginative

information to others

- Perform in front of others
- Read and write
- Play a musical instrument
- Perform creative, artistic activities
- Use video and recording technology
- Design brochures and posters

- Good communicator/good vocabulary
- Curious about new technology
- Relate well to feelings and thought of others
- Determined / tenacious

School subjects that I like:

- Math
- Drafting
- Physical Science
- Construction Trades
- Electrical Trades/Heat, Air Conditioning and Refrigeration/Technology Education

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- | | | |
|----------------------------|---------------------|-------------------------------------|
| Construction Laborer | Highway Maintenance | Grading & Leveling Machine Operator |
| Construction Worker Helper | Roofer | Heavy Equipment Operator |
| Fence Builder | Tile Setter | Groundskeeper and Gardener |

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

- | | | |
|-----------------------|-------------------|-----------------------------------|
| HVAC Technician | Drywall Installer | Plumber |
| Architectural Drafter | Electrician | Tile Setter |
| Brick Layer | Glazier | Civil Engineering Technician |
| Carpenter | Pipefitter | Electrical Engineering Technician |
| Cement Mason | Plasterer | |

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

- | | | |
|---------------------|---------------------|---------------------|
| Architect | Civil Engineer | Grounds Supervisor |
| Building Contractor | Cost Estimator | Interior Design |
| C.A.D. Designer | Electrical Engineer | Landscape Architect |



Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

Business Management and Administration career opportunities are available in every sector of the economy.

Career Pathways

Management
 Business Financial Management & Accounting
 Marketing & Communications

Human Resources
 Business Analysis
 Administrative & Information Support

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths
 Accounting I & II
 Internet Literacy
 Programming 1, 2, 3
 Introduction to Personal Law 1
 Information Processing I & II
 Personal Finance
 Algebra I & II, Geometry, College Algebra & Trig
 ProStart IIA & B

Yearbook
 Spanish I - IV
 Computer Literacy
 Career Exploration & Preparation
 Money & Power
 Introduction to Business
 Entrepreneurship & Marketing
 Psychology
 Legal Life After 17

Extra Curricular Organizations & Activities:

Forensics
 Student Council
 Future Problem Solvers
 National Honor Society

Do you have an interest in:

Activities that describe what I like to do:

- Perform routine, organized activities but can be flexible
- Work with numbers and detailed information
- Be the leader in a group
- Make business contact with people
- Work with computer programs
- Create reports and communicate ideas

Personal qualities that describe me:

- Organized
- Practical and logical
- Patient
- Tactful
- Responsible

School subjects that I like:

- Computer Applications
- Business & Information Technology
- Accounting
- Math
- English
- Economics

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- | | | |
|----------------------|--------------------------|----------------------|
| Bank Teller | Sales Clerk | Billing, Cost & Rate |
| Caterer | Telephone Operator | File Clerk |
| Typist | Hospital Admitting Clerk | Mail Clerk |
| Human Resource Clerk | Data Entry Clerk | Meter Reader |
| Receptionist | Hotel Clerk | |

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

- | | | |
|--------------------------|----------------------|-------------------------|
| Accountant | Small Business Owner | Management Trainee |
| Administrative Assistant | Stenographer | Word Processor |
| Computer Operator | Tax Preparer | Retail Sales Supervisor |
| Court Reporter | Funeral Director | Industrial Clerk |

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

- | | | |
|--------------------------------|----------------------------------|----------------------|
| Accountant - CPA | Health Care Administrator | Sales Representative |
| Advertising Manager | Human Resource Manager | Theater Manager |
| Art Director | Instrumental Sales/Manufacturing | |
| Business & Industry Consultant | Marketing Manager | Musician's Agent |
| | Marketing Music Jingle Writer | Event Planner |



Planning, managing and providing education and training services, and related learning support services.

Career Pathways

Administration & Administrative Support
Professional Support Services
Teaching / Training

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths
Yearbook
Sociology
Child Development
Information Processing I & II
Career Exploration & Preparation
Parenting Education

Spanish I - IV
Algebra I & II, Geometry,
College Algebra & Trigonometry
Computer Literacy
Internet Literacy
Programming 1, 2, 3
Child Health & Safety

Extra Curricular Organizations & Activities:

Drama
Yearbook
Student Council

Do you have an interest in:

Activities that describe what I like to do:

- Communicate with different types of people
- Help others with their homework or to learn new things
- Go to school
- Direct and plan activities for others
- Handle several responsibilities at once
- Help people overcome their challenges

Personal qualities that describe me:

- Friendly
- Decision Maker
- Helpful
- Innovative/Inquisitive
- Good Listener

School subjects that I like:

- Language Arts
- Social Studies
- Math
- Science
- Psychology

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- | | |
|----------------------|-------------------------|
| Aerobics Instructor | Library Assistant |
| Child Care Assistant | Self Enrichment Teacher |
| Dance Teacher | |

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

- | | |
|-----------------------|---------------------------|
| Computer Installation | Library Technician |
| Demonstration | Sign Language Interpreter |
| Preschool Teacher | Teacher Assistant |

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

- | | | |
|---------------------------|-------------------------------|---------------------------|
| Apprenticeship Consultant | School Psychologist | School Counselor |
| Bilingual Educator | Secondary School Teacher | University Professor |
| Educational Administrator | Teacher of the blind | Training Program Manager |
| Instructional Coordinator | Vocational Education Teacher | Elementary School Teacher |
| Kindergarten Teacher | Librarian | Special Education Teacher |
| Music Teacher | Speech - Language Pathologist | Adult Literacy Teacher |



Planning, services for financial and investment planning, banking, insurance, and business financial management.

Career Pathways

Financial & Investment Planning
Banking & Related Services

Business Financial Management
Insurance Services

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths

Accounting I & II

Entrepreneurship & Marketing

Desktop Publishing

Information Processing I & II

Career Exploration & Preparation

Personal Finance

Introduction to Personal Law 1 & 2

Spanish I - IV

Algebra I & II, Geometry, Pre-Calculus

College Algebra & Trigonometry

Computer Literacy

Internet Literacy

Programming 1, 2, 3

Introduction to Business

Money & Power

Independent Living

Extra Curricular Organizations & Activities:

Forensics

Future Problem Solvers

FFA

Do you have an interest in:

Activities that describe what I like to do:

- Work with numbers
- Work to meet a deadline
- Make predictions based on existing facts
- Have a framework of rules by which to operate
- Analyze financial information and interpret it to others
- Handle money with accuracy and reliability
- Take pride in the way I dress and look

Personal qualities that describe me:

- Trustworthy
- Orderly
- Self-confident
- Logical
- Methodical or efficient

School subjects that I like:

- Accounting
- Math
- Economics
- Banking / Financial Services
- Business Law

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Bill & Account Collector
 Brokerage Clerk
 Cashier

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

Accountant	Insurance Agent
Brokerage Clerk	Investigator & Adjuster
Claim Adjuster	Loan Officer
Financial Institution Manager	Personal Property Appraiser

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

Accountant CPA	Credit Analyst	Manager
Actuary	Credit Card Operations Manager	Economist
Auditor	Insurance Underwriter	Financial Advisor
Brokerage Clerk	Investment Advisor	Stockbroker
Business & Industry Consultant	Music Store Accountant	Real Estate Appraiser
Controller	School District Business	



Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.

Career Pathways

Governance	National Security
Foreign Service	Planning
Revenue and Taxation	Regulation
Public Management	

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths	Spanish I - IV
Accounting I & II	Algebra I & II
Money & Power	Geometry
Introduction to Personal Law 1	Computer Literacy
Career Exploration & Preparation	Internet Literacy
Legal Life After 17	Sociology

Extra Curricular Organizations & Activities:

**FFA
Forensics**

**National Honor Society
Student Council**

Future Problem Solvers

Do you have an interest in:

Activities that describe what I like to do:

- Be involved with politics
- Negotiate, defend, and debate ideas and topics
- Plan activities and work cooperatively with others
- Work with details
- Perform a variety of duties that may change often
- Analyze information and interpret it to others
- Travel and see things that are new to me

Personal qualities that describe me:

- Good communicator
- Competitive
- Service minded
- Well organized
- Problem solver

School subjects that I like:

- Government
- Language Arts
- History
- Math
- Foreign Language

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- | | |
|--------------------------|--------------------------------|
| Mail Carrier | Mail Handling Machine Operator |
| Postal Clerk | License Clerk |
| Drivers License Examiner | Infantry Forces |

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

- | | | |
|--------------------------|-----------------------|-----------------|
| Coroner | Accountant | Infantry Forces |
| City Planning Aid | Association Executive | Special Forces |
| Building Inspector | Postmaster | Title Examiner |
| Transportation Inspector | | |

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

- | | | | |
|------------------------------|------------------------------|----------------------------|--------------------------|
| Accountant | Emergency Mgmt. Specialist | Legislator | Public Utilities Mgr. |
| Apprenticeship Consultant | Equal Opportunity Specialist | Music Administrator | Occ. Health & Safety |
| Aviation Security Specialist | Infantry Officer | Political Scientist | Peace Corps Volunteer |
| City Manager | Lawyer | Special Operations Officer | Social Services Adminis. |
| Dean of Students | Urban Planner | | Translator/Interpreter |



Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Career Pathways

Therapeutic Services	Diagnostic Services
Health Informatics	Support Services
Biotechnology Research and Development	

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths	Spanish I - IV
Accounting I & II	Algebra I & II, Geometry, Pre Calc, Calculus
Money & Power	College Algebra & Trigonometry
Introduction to Business	Computer Literacy
Career Exploration & Preparation	Internet Literacy
Programming 1, 2, 3	Health Occupations
Psychology	Entrepreneurship & Marketing
Introduction to Health Occupations	Child Health & Safety
Biology, A.P Biology	Medical Terminology
Genetics	Human Anatomy
Forensic Science	Chemistry
	Child Development

Extra Curricular Organizations & Activities:

National Honor Society
Future Problem Solvers

Do you have an interest in:

Activities that describe what I like to do:

- Work under pressure
- Help sick people and animals
- Make decisions based on logic and information
- Participate in health and science classes
- Respond quickly and calmly in emergencies
- Work as a member of a team
- Follow guidelines precisely and meet strict standards
Of accuracy

Personal qualities that describe me:

- Compassionate and caring
- Good at following directions
- Conscientious and careful
- Patient
- Good Listener

School subjects that I like:

- Biological Sciences
- Chemistry
- Math
- Occupational Health Classes
- Language Arts

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Certified Nursing Assistant
 Clerk
 Food Service Worker
 Hospital Admitting

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

Emergency Medical Technician	Surgical Technician	Dental Assistant
Home Health Aide	Translator and Interpreter	Dental Hygienist
Massage Therapist	Ultrasound Technician	Dialysis Technician
Physical Therapy Aide	Medical Assistant	Occupational Therapy Assistant
Radiology Technologist	Registered Nurse	

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

Athletic Trainer	Pharmacist	Podiatrist
Chiropractor	Primary Care Physician	Oral Surgeon
Dentist	Psychiatrist	Registered Nurse
Dietician	Surgeon	Nurse Practitioner
Occupational Therapist	Geneticist	Anesthesiologist
Music Therapist	Statistician	Chemotherapist



Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.

Career Pathways

Restaurant and Food/Beverage Services
 Lodging
 Travel & Tourism
 Recreation, Amusements & Attractions

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths
 Accounting I & II
 Money & Power
 Introduction to Business
 Career Exploration & Preparation
 Programming 1, 2, 3
 Legal Life After 17
 Entrepreneurship & Marketing

Spanish I - IV
 Algebra I & II, Geometry
 College Algebra & Trigonometry
 Computer Literacy
 Internet Literacy
 Information Processing I & II
 Entrepreneurship & Marketing
 Personal Finance
 ProStart IA, IB, IIA, IIB

Extra-Curricular Organizations & Activities:

Drama
Yearbook
Future Problem Solvers

Culinary Arts Team
Student Council
Forensics

Do you have an interest in:

Activities that describe what I like to do:

- Investigate new places and activities
- Work with all ages and types of people
- Organize activities in which other people enjoy themselves
- Have a flexible schedule
- Help people make up their minds
- Communicate easily, tactfully, and courteously
- Learn about other cultures

Personal qualities that describe me:

- Tactful
- Self-motivated
- Works well with others
- Outgoing
- Slow to anger

School subjects that I like:

- Language Arts/Speech
- Foreign Language
- Social Sciences
- Marketing
- Food Service

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- | | | |
|--------------------------|--------------------------------------|-------------------------|
| Baggage Porter & Bellhop | Gaming Change Person & Booth Cashier | Janitor |
| Cake Decorator | Tour Guide | Hotel Clerk |
| Concierge | Usher | Waiter/Waitress |
| Day Worker | Wardrobe & Dressing Room Attendant | Short Order Cook |
| Food Attendant | | Restaurant Host/Hostess |
| Furniture Refinisher | | Hotel/Motel Housekeeper |

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

- | | | |
|-------------------|-------------------------|------------------------|
| Club Manager | Restaurant Manager | Conference Planner |
| Taxidermist | Food Service Supervisor | Translator/Interpreter |
| Household Manager | Caterer | Motel & Hotel Manager |
| Concierge | Recreation Director | Restaurant Cook/Chef |

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

- | | | |
|-------------------------|---------------------|------------------------|
| Archivist | Historian | Resort Manager |
| Coach | Musicians Agent | Theater Manager |
| Conservation Technician | Park Ranger | Translator/Interpreter |
| Curator | Recreation Director | |



Preparing individuals for employment in career pathways that relate to families and human needs.

Career Pathways

Early Childhood Development & Services
Counseling & Mental Health Services
Family & Community Services
Consumer Services

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths
Sociology
Computer Literacy
Introduction to Business
Career Exploration & Preparation
Child Development
Parenting Education

Spanish I - IV
Algebra I & II, Geometry
College Algebra & Trigonometry
Personal Finance
Internet Literacy
Psychology
Child Health & Safety
Human Anatomy

Extra-Curricular Organizations & Activities:

National Honor Society
Student Council
Future Problem Solvers

Do you have an interest in:

Activities that describe what I like to do:

- Care about people, their needs, and their problems
- Participate in community services and/or volunteering
- Listen to other people’s viewpoints
- Help people from preschool age to old age
- Work with people from preschool age to old age
- Think of new ways to do things
- Make friends with different kinds of people

Personal qualities that describe me:

- Good communicator/good listener
- Caring
- Non-materialistic
- Uses intuition and logic
- Non-judgmental

School subjects that I like:

- Language Arts/Speech
- Psychology/Sociology
- Family and Consumer Sciences
- Finance
- Foreign Language

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- Aerobics Instructor
- Crossing Guard
- Household Cook
- Nanny

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

- | | |
|----------------------------|----------------------|
| Community Organizer Worker | Skin Care Specialist |
| Cosmetologist | Embalmer |
| Funeral Director | Child Care Assistant |
| Institutional Cook | Preschool Teacher |
| Nail Technician | |

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

- | | | |
|---------------------|----------------------------|--------------------------------|
| Dietician | Psychologist | Alcohol & Drug Abuse Counselor |
| Investment Advisor | School Counselor | Career Counselor |
| Liturgical Minister | Sociologist | Financial Counselor |
| Clergy | Social Worker | Financial Counselor |
| Music Therapy | Vocational Rehab Counselor | Personal Counselor |
| Placement Counselor | Psychiatrist | |



Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.

Career Pathways

Network Systems
Information Support & Services
Interactive Media
Programming and Software Development

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths
Information Processing I & II
Computer Literacy
Introduction to Business
Career Exploration & Preparation

Spanish I - IV
Algebra I & II, Geometry
Pre-Calculus
College Algebra & Trigonometry
Internet Literacy
Programming 1, 2, 3

Extra-Curricular Organizations & Activities:

Yearbook
Newspaper Club
Future Problem Solvers

Do you have an interest in:

Activities that describe what I like to do:

- Work with computers
- Reason clearly and logically to solve complex problems
- Use machines, techniques, and processes
- Read technical materials and diagrams and solve technical problems
- Adapt to change
- Play video games and figure out how they work
- Concentrate for long periods of time without Being distracted

Personal qualities that describe me:

- Logic/analytical thinker
- See details in the big picture
- Persistent
- Good concentration skills
- Precise and accurate

School subjects that I like:

- Math
- Science
- Computer Tech/Applications
- Communications
- Graphic Design

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Careers in this field require more than minimal experience or on-the-job training

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

Computer Support Specialist
 Computer Systems Analyst
 Recording Engineer

Sound Manager
 Tool Programmer
 Webmaster

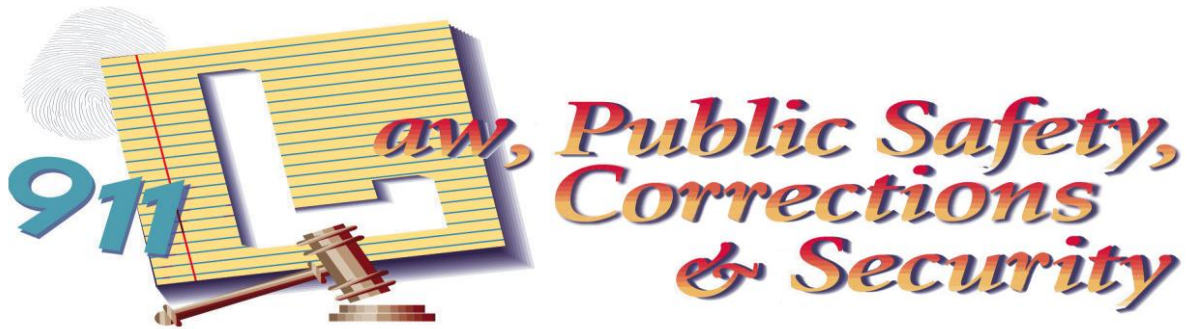
BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

Animator
 Computer Engineer
 Computer Network Coordinator
 Database Administrator
 Medical & Scientific Illustrator

Software Engineer
 Webmaster
 Video Game Designer
 Computer Systems Analyst

Computer Programmer
 Computer Security Specialist
 Information Scientist
 Scientific & Engineering Programmer



Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Career Pathways

- Correction Services
- Emergency & Fire Management
- Security & Protective Services
- Law Enforcement Services
- Legal Services

Courses Offered in this Pathway

- English- Skills acquired in English are considered important for all career paths
- Information Processing I & II
- Programming 1, 2, 3
- Introduction to Personal Law 1
- Career Exploration & Preparation
- Sociology
- Forensic Science
- Legal Life After 17

- Spanish I - IV
- Algebra I & II, Geometry
- Computer Literacy
- College Algebra & Trigonometry
- Internet Literacy
- Psychology
- Chemistry
- Environmental Science

Extra-Curricular Organizations & Activities:

- Forensics**
- Student Council**
- FFA**
- Future Problem Solvers**

Do you have an interest in:

Activities that describe what I like to do:

- Work under pressure or in the face of danger
- Make decisions based on my own observations
- Interact with people
- Be in a position of authority
- Respect rules and regulations
- Debate and win arguments
- Observe and analyze people’s behavior

Personal qualities that describe me:

- Adventurous
- Dependable
- Community minded
- Decisive
- Optimistic

School subjects that I like:

- Language Arts
- Science
- Psychology/Sociology
- Government/History

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- | | |
|---------------------|-----------------------------|
| Corrections Officer | Parking Enforcement Officer |
| Crossing Guard | Security Guard |
| Dispatcher | |

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

- | | | |
|------------------------------|---------------------|-----------------------|
| Bailiff | Firefighter | Park Ranger |
| Copyright Law | Legal Secretary | Police Officer |
| Court Reporter | Musician Law | Fire Inspector |
| Emergency Medical Technician | Paralegal Assistant | Police Canine Trainer |

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

- | | | |
|-----------------------------|---------------------------------|----------------------|
| Adjudicator | Lawyer | Private Detective |
| Arbitrator | Park Ranger | State Patrol Officer |
| FBI Agent | Probation & Parole Officer | Police Officer |
| Forensic Science Technician | Fingerprint Examiner | Conservation Warden |
| Judge | Correctional Officer Supervisor | |
| Judicial Law Clerk | Emergency Management Specialist | |
| Forensic Science Technician | | |



Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Career Pathways

Production
Maintenance, Installation & Repair
Logistics & Inventory Control

Manufacturing Production Process Development
Quality Assurance
Health, Safety & Environmental Assurance

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths
Accounting I & II
Programming 1, 2, 3
Introduction to Business
Career Exploration & Preparation
Sewing 101 & 102
Manufacturing
Woodworking
Chemistry

Spanish I - IV
Algebra I & II, Geometry
Computer Literacy
College Algebra & Trigonometry
Internet Literacy
Chemistry, A.P. Chemistry
Welding
Mechanical Drawing I & II
Research & Development
Physics

Extra-Curricular Organizations & Activities:

FFA
Future Problem Solvers

Do you have an interest in:

Activities that describe what I like to do:

- Work with my hands and learn that way
- Put things together
- Do routine, organized and accurate work
- Perform activities that produce tangible results
- Apply math to work out solutions
- Use hand and power tools and operate equipment / machinery

Personal qualities that describe me:

- Practical
- Observant
- Physically active
- Step-by-step thinker
- Coordinated

School subjects that I like:

- Math - Geometry
- Chemistry
- Trade and Industry courses
- Physics
- Language Arts

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- | | | |
|---------------------------------|------------------|-------------------------------|
| Apparel & Home Furnishings Dyer | Hand Laborer | Production and Planning Clerk |
| Brush Painter | Oil Well Driller | Production Assembler |
| Engraver | Order Filler | |

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

- | | | |
|-------------------------------|----------------------------|-----------------------------------|
| Apparel Pattern Maker | Locksmith | Electronic Engineering Technician |
| Combination Welder | Musical Instrument Repair | Machinist |
| Computer Technician | Quality Control Technician | Industrial Engineering Technician |
| Electrical Appliance Servicer | Tool and Die Maker | |
| Electric Motor Technician | | |

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

- | | | |
|-----------------------------------|---------------------------|--|
| Communications Operations Manager | Industrial Engineer | Production Supervisor |
| Electrical Engineer | Mechanical Engineer | Stage & Sound Equipment Mfg. |
| Electronic Engineer | Musical Instrument Design | Occupational Health & Safety Inspector |
| Environmental Engineer | | |



Planning, managing, and performing marketing activities to reach organizational objectives.

Career Pathways

Management & Entrepreneurship
 Buying & Merchandising
 Marketing Information Management & Research
 E-Marketing

Professional Sales & Marketing
 Marketing Communication & Promotion
 Distribution & Logistics

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths
 Accounting I & II
 Programming 1, 2, 3
 Introduction to Business
 Career Exploration & Preparation
 Programming 1, 2, 3
 Entrepreneurship & Marketing
 Info Processing I & II
 Agribusiness & Leadership

Spanish I - IV
 Algebra I & II, Geometry
 College Algebra & Trigonometry
 Computer Literacy
 Internet Literacy
 Money & Power
 Legal Life After 17
 Personal Finance

Extra-Curricular Organizations & Activities:

FFA
Forensics
Student Council
Future Problem Solvers

Do you have an interest in:

Activities that describe what I like to do:

- Shop and go to the mall
- Be in charge
- Make displays and promote ideas
- Give presentations and enjoy public speaking
- Persuade people to buy products or to participate in activities
- Communicate my ideas to other people
- Take advantage of opportunities to make extra money

Personal qualities that describe me:

- Enthusiastic
- Competitive
- Creative
- Self motivated
- Persuasive

School subjects that I like:

- Math
- Language Arts
- Business Education/Marketing
- Computer Applications

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Antique/Collectible Dealer
Cashier
Classified Ad Clerk

Counter Clerk
Telemarketer
News Vendor

Street Vendor
Customer Service Representative
Wedding Planner

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

Advertising Layout Designer
Advertising Sales Representative
Real Estate Agent

Auctioneer
Auto Salesperson

Buyer
Instrument Sales

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

Advertising Account Executive
Advertising Manager
Business Agent
Marketing Manager

Public Relations Manager
Purchasing Agent
Research Analyst
Public Relations Practitioner

Insurance Agent
Purchasing Manager
Market Research Analyst
Real Estate Broker



Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

Career Pathways

Engineering & Technology
Science & Math

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths
Accounting I & II
Programming 1, 2, 3
Career Exploration & Preparation
Exploring Technology
Genetics
Physical Science
Environmental Science
Mechanical Drawing I & II
Introduction to Engineering Design

Spanish I - IV
Algebra I through Calculus
College Algebra & Trigonometry
Computer Literacy
Internet Literacy
Food Science
Chemistry, A.P. Chemistry
Physics
Research & Development
Principles of Engineering
Earth & Space Science

Extra-Curricular Organizations & Activities:

FFA
Chess Club
Future Problem Solvers

Do you have an interest in:

Activities that describe what I like to do:

- Interpret Formulas
- Find answers to questions
- Work in a laboratory
- Figure out how things work and investigate new things
- Explore new technology
- Experiment to find the best way to do something
- Pay attention to details and help things be precise

Personal qualities that describe me:

- Detail Oriented
- Inquisitive
- Objective
- Methodical
- Mechanically inclined

School subjects that I like:

- Math
- Science
- Drafting/Computer Aided Drafting
- Electronics/Computer Networking
- Technical Classes/Technology Education

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

Statistical Clerk

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

Biological Technician
 Chemical Technician
 Civil Engineering Technician
 Mathematical Technician

Veterinary Technician
 Mechanical Engineering Tech
 Environmental Technician
 Industrial Engineering Tech

Electronics Engineering Technician
 Nuclear Technician
 Petroleum Technician

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

Aerospace Engineer
 Architectural Engineer
 Anthropologist
 Archeologist
 Astronomer
 Biomedical Engineer
 Chemical Engineer

Civil Engineer
 Computer Engineer
 Electrical Engineer
 Geologist
 Industrial Engineer
 Mathematician

Mechanical Engineer
 Metallurgist
 Mining Engineer
 Nuclear Engineer
 Physicist
 Solar Engineer
 Statistician



Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Career Pathways

Transportation Operations
 Warehousing & Distribution Center Operations
 Sales & Service

Logistics Planning & Management Operations
 Facility & Mobil Equipment Maintenance
 Transportation Systems/Infrastructure Planning,
 Management & Regulation

Courses Offered in this Pathway

English- Skills acquired in English are considered important for all career paths
 Accounting I & II
 Programming 1, 2, 3
 Career Exploration & Preparation
 Introduction to Business
 Agricultural Power Machines Technology

Spanish I - IV
 Algebra I & II, Geometry
 College Algebra & Trigonometry
 Computer Literacy
 Internet Literacy
 Environmental Science

Extra-Curricular Organizations & Activities:

FFA
Future Problem Solvers
Student Council

Do you have an interest in:

Activities that describe what I like to do:

- Travel
- See well and have quick reflexes
- Solve mechanical problems
- Design efficient processes
- Anticipate needs and prepare to meet them
- Drive or ride
- Move things from one place to another

Personal qualities that describe me:

- Realistic
- Mechanical
- Coordinated
- Observant
- Planner

School subjects that I like:

- Math
- Physical Sciences
- Trade and Industry courses
- Foreign Languages

Career Options

FROM HIGH SCHOOL

On-the-job training and/or minimal experience

- | | |
|----------------------------|------------------------------|
| Bus Driver | Shipping and Receiving Clerk |
| Deckhand | Traffic Clerk |
| Delivery Driver | Taxicab Driver |
| Highway Maintenance Worker | Light Truck Driver |
| Service Station Attendant | |

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

Community college, technical college, apprenticeship, experience

- | | |
|-------------------------|-----------------------|
| Aircraft Mechanic | Railroad Conductor |
| Auto Body Technician | Security Consultant |
| Automobile Painter | Travel Agent |
| Cartographic Technician | Flight Attendant |
| Diesel Technician | Motorcycle Technician |

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

Colleges / Universities

- | | | |
|------------------------|--------------------------|-----------------------|
| Airline Pilot | Mechanical Engineer | Environmentalist |
| Air Traffic Controller | Mining Manager | Locomotive Engineer |
| Astronaut | Public Health Sanitarian | Travel Agency Manager |

AGRICULTURAL DEPARTMENT

AGRI SCIENCE SURVEY

9 10 11 12

.5 credit

OFFERED: SEMESTER

This survey class is designed to introduce the high school student to the world of agriculture. Upon successful completion of this course, students will have an understanding of FFA, its role in agriculture education, and an understanding of parliamentary procedure. The student will identify various weeds and insects and know how to control them. The student will interpret soil test results and calculate fertilizer application rates. Students will apply soil science knowledge by competing on a land judging team. The student will have an understanding of biotechnology, wildlife management, and an understanding of raising poultry, including what is involved in egg production. Students will also study some of Wisconsin's lesser-known commodities such as cranberries, honey, tobacco and strawberries. Use of the school land laboratory will be incorporated into this class.

AGRIBUSINESS AND LEADERSHIP

11 12

.5 credit

OFFERED: SEMESTER

This class is the culmination of your experience in agriculture education. Upon successful completion of this class, students will have an understanding of the complex world of agribusiness management practices. After reviewing basic business management principles, students will focus on issues such as: farm management through the use of SimFarm, how to use the commodity futures market, and how to set up and manage a simple cooperative. Students will understand agricultural law and how to make it work for them, such as land set-aside programs, forestation and conservation practice payment programs and the tax breaks available for such practices.

FOOD PRODUCTION AND PROCESSING

10 11 12

.5 credit

OFFERED: SEMESTER

On successful completion of this class, students will duplicate many of the methods used to process products of our agriculture industry. Students will understand laboratory technique involving cream separation, pasteurization, homogenization, butter-churning, ice cream production, yogurt culturing, cheese making and protein reclamation. Students will evaluate, inspect, grade, cut, grind, package, and cure meat in the meat-processing unit, and make sausage and jerky. Students will understand the vegetable canning and freezing industry and the processing of grains and forages. Cutting, grinding, pickling, fermentation, roasting, extruding, pelleting, cubing, and wafer making are other processes of the human and animal feed industry that each student will learn. The student will gain hands-on experience in many classroom laboratory settings.

AGRICULTURAL DEPARTMENT

WISCONSIN OUTDOORS

9 10 11 12

.5 credit

OFFERED: SEMESTER

In this class, the student will understand how we interact with the components of the environment: plants, animals, water, soil, air, minerals, and energy. Upon successful completion of this course, students will estimate wildlife populations, know how to improve the habitat, and how to identify and preserve the fish, fowl, and animal species. Students will run successful water quality tests, understand soil conservation practices, and perform taxidermy on fish and small animals. The students will know how to maintain and operate a chain saw safely, produce maple syrup, care for fruit producing trees, prune and graft, and understand what is involved in holiday tree production. Students will also be able to raise fish from hatching to the harvesting of marketable fillets. Use of the school arboretum will be incorporated into this class.

LARGE ANIMAL VETERINARY SCIENCE

10 11 12

.5 credit

OFFERED: SEMESTER

This class is designed to introduce the high school student to the animal sciences related to "large" production animals. Upon successful completion of this course, students will be able to evaluate dairy, beef, swine, sheep, goats, and horses based on confirmation, production records, pedigrees, and transmitting ability. The student will identify the major breeds while selecting show quality animals, identify potential breeding stock, and care for young stock. Students will understand the nutrition required, the digestive, reproductive, and genetic processes, and the health care required for the above species of animals. The Large Animal Veterinary Science student will understand specialty animals such as ostriches and emus. Use of the school land laboratory will be incorporated into this class.

HORTICULTURE AND LANDSCAPING

10 11 12

.5 credit

OFFERED: SEMESTER

In one of the most rapid growth areas of agriculture, students in this class will be introduced to the world of plant sciences. Upon successful completion of this course, students will understand plant propagation, pest management, growth stimulants, rooting hormones, house plants, terrariums, bedding plants, lawn maintenance, trees and shrubs, and gardens. Students will be able to manage a greenhouse in the production of such plants as poinsettias, mums, geraniums, and Easter lilies. The students will understand concepts of hydroponics, the production of plants without soil, while raising such crops as lettuce and tomatoes with the nutrient enriched water of our fish production tanks. Students will become familiar with a computer based landscape design program and participate in a landscape design project. On completion of this class, students will be eligible for advance placement at all Wisconsin Technical Colleges (excluding MATC) in the area of Plant Morphology and Physiology and Soil Science.

SMALL ANIMAL VETERINARY SCIENCE

11 12

.5 credit

OFFERED: SEMESTER

With the transition of our population from rural to suburban and urban settings comes the need for an understanding of companion animals and other small animals we keep as pets. Upon the successful completion of this class, students will understand the nutritional care, production, and management practices of many different breeds of cats and dogs as well as breed identification. Students will be able to identify, produce, raise, and care for hamsters, dwarf hamsters, gerbils, guinea pigs, rabbits, dwarf rabbits, rats, mice, ferrets, chinchillas, amphibians, reptiles, fish and birds. Students will understand how pet stores operate and they will simulate operations in the classroom. The student will practice simple health care and pet grooming techniques. The student will also debate issues surrounding animal rights and welfare and explore the world of the veterinarian. Students will research and prepare pamphlets on animal diseases and will be able to understand the science behind barrier-reared animals.

ART DEPARTMENT

ART FUNDAMENTALS

9 10 11 12

.5 credit

OFFERED: SEMESTER

FEE: \$5

This course is a prerequisite for all other Art classes except Photography I & II

This course provides a general introduction to the visual arts through various media, language, and techniques. The purpose of the course is to help the students develop their own form of personal expression through visual problem solving. Students will receive background knowledge in the areas of drawing, painting, and graphic design. In addition, students will explore master artists who have influenced art created in today's world.

DRAWING I & II

10 11 12

.5 credit

OFFERED: SEMESTER

FEE: \$5 (INCLUDES SKETCHBOOK, ERASER, AND DRAWING PENCILS)

PREREQUISITE – ART FUNDAMENTALS

MINIMUM GRADE OF "B" IN DRAWING I TO ADVANCE TO DRAWING II

Drawing classes will work with a variety of drawing media and techniques, both traditional and experimental. This class is geared towards more realistic representation, as students explore the development of visual perception, value scales and linear perspective. Students will study master draftsmen and their techniques.

Drawing II will be held during the Drawing I class. Students will expand on skills learned in Drawing I, but projects will be conducted on an independent basis.

PAINTING I & II

10 11 12

.5 credit

OFFERED: SEMESTER

PREREQUISITE: ART FUNDAMENTALS

MINIMUM GRADE OF "B" IN PAINT I TO ADVANCE TO PAINT II

Students in painting will study color theory and design in greater depth as it relates to the process of painting techniques and styles. Exposure to a variety of painting styles and techniques will enable the student to develop a personal style of their own.

Painting II will be held during the Painting I class. Students will expand on skills learned in Painting I, but projects will be conducted on an independent basis.

CERAMICS I & II

10 11 12

.5 credit

OFFERED: SEMESTER

FEE: FREE RECYCLED CLAY OR \$10/#25 FOR NEW

PREREQUISITE: ART FUNDAMENTALS

MINIMUM GRADE OF "B" IN CERAMICS I TO ADVANCE TO CERAMICS II

In ceramics, both hand-built and wheel thrown pottery are explored. The student will receive a fundamental knowledge of texture, decoration, and glazing techniques with clay. Emphasis will be placed on 3D design and craftsmanship.

Ceramics II will be held during the Ceramics I class. Students will expand on skills learned in Ceramics I, but projects will be conducted on an independent basis.

ART DEPARTMENT

ART STUDIO / INDEPENDENT STUDY

12 .5 credit

OFFERED: SEMESTER

SIGN UP DURING JUNIOR YEAR, SEE Miss Kultgen FOR APPROVAL AND CHOICE OF STUDIO CLASS

PREREQUISITE: ART FUNDAMENTALS

This is for the senior student who has completed all other art classes and has developed a specific area of study. The areas of study to choose from are drawing, painting, fibers, metals, photography II, computer printmaking, sculpture and ceramics. This is to further enhance the study of a particular area of art and prepare the student for technical or college art. This class must be signed up for in your junior year to be able to order specific supplies for your area of study. **The student must have a conference with the art teacher in your Junior year to decide area of study and obtain teacher signature for your schedule.**

EXPLORING ART MEDIA

9 10 11 12 .5 credit

OFFERED: SEMESTER

PREREQUISITE: ART FUNDAMENTALS

FEE: \$5

This class gives the student the opportunity to work with 2-D and 3-D art media not found in the other traditional art classes. Students will paint on silk, weave wire, mix media, as well as explore glass and jewelry techniques. Students will be taught the basics, but creative problem solving will be emphasized.

PHOTOGRAPHY I/GRAPHIC DESIGN

9 10 11 12 .5 credit

OFFERED: SEMESTER

FEE: \$10

In this course, students will explore both compact and digital SLR photography. **Students are to bring their own camera to class.** The first segment of the class will be spent on learning how the camera functions, composition and picture taking techniques. The second nine weeks will focus on manipulating the student's photographs in Photoshop. Presentations and tests will assess the students understanding of the camera functions and their ability to take great pictures.

PARTICIPANTS WILL BE EXPECTED TO TAKE PHOTOGRAPHS AFTER SCHOOL AND ON THE WEEKENDS

PHOTOGRAPHY II

11 12 .5 credit

OFFERED: SEMESTER

PREREQUISITE: "B" IN PHOTOGRAPHY I

FEE: \$10

Photography II will be held during the Photography I class. Students will expand on skills learned in Photography I, but projects will be conducted on an independent basis.

BUSINESS DEPARTMENT

INFORMATION PROCESSING I

9 10 11 12 .5 credit
OFFERED: SEMESTER 1

Information Processing I emphasizes personal use skills on the computer using Microsoft Word. Students will learn the keyboard by touch (not watching fingers) and work to build speed and accuracy. Students will then apply these basic skills to create letters, tables, envelopes, reports, memos, and other personal and job-related documents. Students will also learn the 10-key pad for quick number entry and calculations.

INFORMATION PROCESSING II

9 10 11 12 .5 credit
OFFERED: SEMESTER 2
PREREQUISITE: INFORMATION PROCESSING I

Information Processing II emphasizes improved typing accuracy and speed for faster and more efficient computer use. Class will focus on using Microsoft Word to create higher-level documents that occur most frequently in the workplace today. Students will practice editing, proofreading, composition, and decision-making skills. Some class activities and assignments will use the Internet.

INTRODUCTION TO BUSINESS

10 11 12 .5 credit
OFFERED: SEMESTER

Are you planning a career in business or planning to run a small business? Do you know what a business needs to do to make and sell a product or service? In this course, students will learn about the activities of a typical business. Students will learn how organizations are structured and financed. They will explore how businesses manufacture and sell a product, hire employees, and meet their legal responsibilities. This course provides a great overview of business operations that will be helpful to any student considering a business career. Guest speakers will help provide insights into these issues.

INTRODUCTION TO PERSONAL LAW 1

10, 11 12 .5 credit
OFFERED: SEMESTER 1

Alternating years - offered 2015-2016

This course introduces the basics of our legal system and how it applies to you. Topics include the basis of law in the United States, constitutional rights, legal procedure, criminal law and juvenile law. Legal cases studied in class will emphasize the legal rights and responsibilities of juveniles. Students will become more informed citizens by understanding their individual rights, as well as by recognizing their responsibilities within our legal system. This course may include mock trial activities.

LEGAL LIFE AFTER 17

Alternating years - offered 2014-2015

10, 11 12 .5 credit
OFFERED: SEMESTER

What happens after high school? What does it mean to legally become "an adult"? This course studies the legal responsibilities of adulthood. Topics include contracts, marriage/family law, employment law, wills, consumer law, and housing law. Students will learn about adult responsibilities and how to prepare for their legal life after high school. Guest speakers will help provide insights into these issues. This course may include mock trial activities.

PERSONAL FINANCE

10 11 12 .5 credit
OFFERED: SEMESTER

This course prepares you for life as a responsible adult. This course covers the fundamentals of money management, including saving, investing and taxes. Other topics cover major buying decisions such as automobiles, homes and insurance.

BUSINESS DEPARTMENT

ENTREPRENEURSHIP & MARKETING

10 11 12

.5 credit

OFFERED: SEMESTER

Do you have a great idea for creating a business? Do you plan to take over the family business some day? Do you know what to do next? This course will teach students how to turn a business idea into reality, or how to assess the operation of a current small business. Upon completion of this course, students will have a working business plan for an entrepreneurial idea of their choice. Special emphasis is placed on how to finance a small business. Other topics include understanding competition, pricing, advertising, creating an organizational structure, and hiring services that help the entrepreneur meet legal responsibilities. Students will assess their entrepreneurial personalities and study successful entrepreneurs. Guest speakers will help provide insights into starting and managing a successful small business.

CAREER EXPLORATION AND PREPARATION

10 11 12

. 5 credit

OFFERED: SEMESTER

Career Exploration and Preparation will help students identify career possibilities needed to be successful after high school. Students will explore their interests and personalities to find their best career options. Students will prepare a resume and practice interview skills. A final project will be a job portfolio that includes resume, references, and other documents necessary for a successful job interview.

WORK STUDY

12

UP TO 1 CREDIT

OFFERED: SEMESTER OR FULL YEAR

Work study provides senior students the opportunity for a work experience outside of Parkview. Students will develop concepts and attitudes that are basic to life-long learning. Emphasis will be on attendance, developing good work habits, and problem solving with co-workers. Students may enroll in this program for one class period for a full year or up to two class periods for one semester. For Work-Study, **students must have their own job and Career Exploration and Preparation is recommended.**

COMPUTER EDUCATION DEPARTMENT

COMPUTER LITERACY BASICS

9 10 11 12

1 credit

OFFERED: FULL YEAR

Prepare yourself for a successful future by increasing your computer literacy. Learn MS-Office computer skills that are required by today's employers. This class teaches students the vocabulary of information technologies and the effective use of computer programs.

Students will study the development of personal technologies and the basics of how they work. They will learn word processing (MS-Word), spreadsheets (MS-Excel), and presentation software (PowerPoint).

Other course topics may include file management techniques, e-mail, enhanced Internet searching, web page analysis, and cyber safety concerns. This course will include some exercises to build student typing speed.

Students will learn many skills at their own pace from the textbook. They will demonstrate their new skills by preparing individual and group projects. **This class requires significant typing.** Students who have completed Computer Applications may NOT take this course for credit.

COMPUTER APPLICATIONS

11 12

1 credit

OFFERED: FULL YEAR

DUAL CREDIT AVAILABLE THROUGH UW-WHITewater. (SEE BELOW FOR CRITERIA)

This course is a fast-paced, college-level introduction to using computers featuring MS-Office applications. It covers word processing (MS-Word), spreadsheets (MS-Excel), data storage and retrieval (MS-Access), and presentations (MS-PowerPoint). Other topics include the uses of computers, e-mail, the Internet, web page analysis, and cyber safety concerns. Students will study the vocabulary of information technologies, computer hardware, the history of computers, and new technological developments. Students will also study issues that arise from the use of computers.

Students will learn many skills at their own pace from the textbook. They will demonstrate their new skills through individual and group projects. **This class requires significant typing; it is recommended that students have a minimum typing speed of 30-40 words per minute.**

This course requires a fee for credit from UW-Whitewater. The grade earned in this class will be a permanent part of the student's UW-Whitewater transcript. (Students who fail this course will have a college transcript at UW-Whitewater showing an "F" grade).

At this time the course requires a \$393 fee plus cost of a textbook rental of \$25.00 for this 3 credit course from UW-Whitewater. This student that successfully completes this course will earn 3 college credits pending approval by UW-Whitewater through PIE (Partners in Education). Students can still take this course and not take for college credit.

Juniors & seniors who meet at least one of the following requirements can enroll in PIE:

- **Class rank in the top 25 percent.**
- **A GPA of at least 3.25 on a 4.0 scale**
- **An ACT score of 24 and class ranking in the top 50 percent**

COMPUTER EDUCATION DEPARTMENT

INTERNET LITERACY

10 11 12

1 credit

OFFERED: FULL YEAR

CLASS SIZE LIMIT 15

PREREQUISITE: MINIMUM GRADE "C" IN ONE OF THE FOLLOWING COMPUTER CLASSES:

INFORMATION PROCESSING I & II
PROGRAMMING (FULL YEAR)
COMPUTER LITERACY (FULL YEAR)

NOTE: CONTACT INSTRUCTOR IF YOU HAVE AN INTEREST IN TAKING THE CLASS AGAIN AS AN ADVANCED STUDENT. MUST BE APPROVED BY THE INSTRUCTOR PRIOR TO SIGNING UP.

Students will learn to create pages for the Internet using HTML. Concepts include lists, tables, links and images. Advanced students will learn frames, forms, animated graphics, style sheets and java scripts.

This course will also cover many aspects using Internet Explorer and/or Netscape.

- Researching using various search engines and Boolean logic
- Evaluating and authenticating information found on the Internet
- History of the Internet and its technology
- Communications such as e-mail
- Security, both financial and privacy
- Copyright issues, Intellectual Property

COMPUTER PROGRAMMING DEPARTMENT

PROGRAMMING I: VISUAL BASIC

9 10 11 12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: MINIMUM GRADE OF "C" IN ALGEBRA I

This course is strongly recommended for students planning on college or technical school with computer, mathematics, business, science, electronics, robotics or engineering emphasis.

In this class students will use the popular Microsoft Visual Basic™ language to create their own professional-looking Windows programs. They will learn to write programs involving variables, loops, decisions, calculations, message boxes, buttons, multiple forms, menus, graphics, string manipulation and many other concepts fundamental to all programming.

PROGRAMMING II: PASCAL

10 11 12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: MINIMUM GRADE OF "C" IN BOTH SEMESTERS IN PROGRAMMING I

PASCAL is a programming language specifically designed to teach quality programming skills. As a high-level computer language, it is designed to give students a concrete foundation of computer programming that will allow them to learn most other languages easily. It is recommended as a language to follow Visual Basic to deepen and further develop student programming skills.

PROGRAMMING III: C++

11 12

.5 credit

OFFERED: SEMESTER

PREREQUISITES: MINIMUM GRADE OF "C" IN BOTH SEMESTERS OF PROGRAMMING II

This course is strongly recommended for students planning on a career in programming or college or technical school with math, science, electronics, robotics, computer or engineering emphasis.

Content of this course includes learning and applying the commands of syntax if **C++**.

ENGLISH DEPARTMENT

ENGLISH 9 OR ADVANCED ENGLISH 9

9 **1 credit**

OFFERED: FULL YEAR

PREREQUISITE: STUDENTS EARNING A MINIMUM OF B+ IN LANGUAGE ART 8 (OR ADVANCED SCORE IN MAPS) WILL BE RECOMMENDED FOR ADVANCED ENGLISH 9

This year long course is a requirement for ALL freshmen. The study of literature includes units in short story, speech, grammar, writing and poetry. The five-paragraph essay process will be explored heavily in this course. Frequent essay writing will be required for this course that corresponds to the units in literature. A research project and paper will also be present in this course.

COMPOSITION 1

10 **.5 credit**

OFFERED: SEMESTER

This semester class is a required course for all sophomores. Students will advance their study in grammar, styles of writing, and will sharpen their analytical writing and research skills. Much of the writing for this class will be in response to various literary examples. Students earning a B+ or better will be eligible for Analytical Writing.

SOCIETY FICTION

10 **.5 credit**

OFFERED: SEMESTER

This semester course is designed as an Advanced sophomore level literature class. Students will look at a number of literary pieces related to utopian and dystopian societies. Students will study authors such as William Golding, Ray Bradbury, George Orwell, and more. Students will discuss the complex nature of society and human interaction.

MYSTERY AND BEYOND

10 **.5 credit**

OFFERED: SEMESTER

This semester course is a sophomore level literature class. Students will study various writings that go beyond the normal human experience and study the dark side of human behavior. This course will include authors such as Edgar Allan Poe, Agatha Christie, Sir Arthur Conan Doyle and more.

COMPOSITION II

10 11 **.5 credit**

OFFERED: SEMESTER

PREREQUISITE: Composition I

This junior-level semester course follows up where Composition I left off. Students will progress in their study of writing forms, grammar, vocabulary, and research skills. This course is recommended for students who wish to sharpen skills in composition.

ANALYTICAL WRITING

10 11 **.5 credit**

OFFERED: SEMESTER

PREREQUISITE: STUDENTS MUST EARN A MINIMUM OF B+ OR BETTER IN COMPOSITION I

This writing course is recommended for the junior student who scored B+ or higher in Composition I. It zeros in on techniques used to complete literary analysis papers. Reading will be a sizable part of this class in order to develop composition pieces. It is recommended that this course be taken prior to taking American Novels.

ENGLISH DEPARTMENT

AMERICAN NOVELS

10 11

.5 credit

OFFERED: SEMESTER

PREREQUISITE: STUDENTS MUST EARN A MINIMUM OF B+ IN PREVIOUS READING CREDIT AND IN ANALYTICAL WRITING

This is a junior level literature class that is designed as an **Advanced** semester course. Here students will look at a multitude of classic pieces of American literature. Students will study classic pieces like *The Scarlet Letter*, *Great Gatsby*, and others. Students will be exploring the complexities of these pieces of literature and how history has influenced these pieces. Students must score a B+ or higher to be considered for Advanced Placement English.

AMERICAN LITERATURE

10 11

.5 credit

OFFERED: SEMESTER

This is a junior level literature class studying the major influences in American culture and the resulting movements in American literature. This is a survey class designed to develop the student's understanding of movements related to Romanticism, Realism, Modernism, and more.

ADVANCED PLACEMENT ENGLISH

12

1 credit

OFFERED: FULL YEAR (15-20 students)

PREREQUISITE: MINIMUM GRADE OF B+ IN AMERICAN NOVELS AND ANALYTICAL WRITING OR TEACHER APPROVAL AND SUMMER WORK COMPLETED.

This one-year course is designed for seniors who are ready to pursue and receive credit for college-level course work completed in high school.

AP English is demanding, **requiring work during the summer, as well as frequent out-of-class reading and both short-term and long-term writing assignments.** Classroom discussion, active participation, and consistent attendance are vital to success in the class. Students who pass the test given by the College Board and Educational Testing Service **may** receive up to six college credits in English. Students who are interested in this class should check with the colleges they are planning to attend for specific information about their acceptance of AP credits.

LIFETIME WRITING

11 12

.5 credit

OFFERED: SEMESTER

This writing course is designed for senior students. Here students will engage in writing that has practical purposes in students' adult lives. To accomplish these tasks, students will look at resume writing, cover letters, narrative pieces, as well as expository writing. This is meant to be a culminating experience that draws on concepts from both Composition I and II.

ENGLISH DEPARTMENT

COLLEGE WRITING

11 12 .5 credit

OFFERED: SEMESTER

PRE-REQUISITE: STUDENT MUST EARN A MINIMUM OF B+ OR BETTER IN ANALYTICAL WRITING

This **Advanced** writing course is recommended for the senior student who scored a B+ or higher in Analytical Writing. It zeros in on techniques used to prepare students for the rigors of college writing. Reading complex texts with limited time will be a component of this course. This course will require students to pull from all levels of reading over the course of the entirety of their educational experience to be successful in their writing.

WORLD OF IDEAS

10 11 12 .5 credit

OFFERED: SEMESTER

This senior literature class is designed as an **advanced** semester course. Here students will be explaining or solving a bold question that focuses on concepts such as to the design of the meaning of life or what is a good life. For this, students will be examining a variety of novels and texts that explore the philosophical, religious and intellectual ideas that best support or explain the given topic.

WORLD LITERATURE

11 12 .5 credit

OFFERED: SEMESTER

This is a senior literature class that focuses on understanding a wide variety of world literature. From poetry to novels, students here will be looking at the idea of character development, examining tone and thematic devices, as well as studying other key literature ideas. The pieces selected will look to enhance student understanding of the world around them in a general sense.

HISTORICAL FICTION

10 11 12 .5 credit

OFFERED: SEMESTER

PREREQUISITE: 1 CREDIT IN US HISTORY 9

This course will focus on a historical theme through Reading and writing historical fiction. This year's topic will focus on American wars of the last half century: WWII, Korea, Vietnam, and the War on Terror. Non Fiction will also be utilized.

CREATIVE WRITING- ELECTIVE CREDIT

9 10 11 12

OFFERED: SEMESTER

PREREQUISITE: MINIMUM GRADE OF C IN PREVIOUS ENGLISH CLASS

This class is designed for students who like to write poetry, plays and short stories. Students will learn about style, form and techniques used by good writers in all of those areas of writing. Students will write to publish in a magazine, on line, or as a submission to a writing contest, as well as critique each other's writing.

ENGLISH SKILLS

9, 10, 11 .5 credit

OFFERED: SEMESTER

This course is required for those students who score 2 standard deviations below average on the MAPS assessment given in the fall and spring of the year. The course is structured to improve areas of weakness for each individual student. Course will use a combination of online software and teacher direct instruction. A team including teachers, counselor and principal will determine if the student is required to take the course more than once.

YEARBOOK-ELECTIVE CREDIT

9 10 11 12

1 credit

PREREQUISITE: MINIMUM GRADE OF B IN ALL PREVIOUS ENGLISH CLASSES & ABILITY TO ATTEND EVENTS IN AND OUT OF SCHOOL FOR ARTICLES, PHOTO, ETC.

***NOT FOR ENGLISH CREDIT**

Note: Students who have taken this course may take it again (with teacher consent).

This class is as close to the real world as you're going to get: deadlines, high pressure, layouts and a product that is viewed by more than just your high school teacher. Welcome to the world of Yearbook. For this class, students will work collaboratively to design The Viking. From concept to implementation, students will work hand-in-hand with teachers to develop the best publication possible. To achieve this, students must work online from home, attend school activities (before, during and after school), engage in interviews (staff, student and community members), market (advertising and sales), as well as design creative pages/layouts using Yearbook Avenue and Photoshop.

FAMILY AND CONSUMER SCIENCE DEPARTMENT

FOODS IIA

10 11 12

.5 credit

OFFERED: SEMESTER

PREREQUISITES: FOODS IA, IB

FEE: \$15.00

The third course of the series will focus on advance food preparation techniques that will allow students to look at the employability skills necessary to obtain a job in the hospitality industry or continue their post-secondary education. This section is focused on baking techniques such as specialty cookies, coffee cakes, ice cream cakes, and specialty pies, special breads such as crepes and pita breads. Students will plan a meal around the European cuisine for their international food.

FOOD SCIENCE

9 10 11 12

.5 credit

OFFERED: SEMESTER

FEE: \$10.00

This class incorporates science concepts into a lab-oriented foods class. The laws of science are shown in food at home as well as the food industry. Current research, technology, and nutrition news will be studied. Discover how nutrients and other food components illustrate basic chemistry concepts. Examine the impacts microorganisms have on the food supply. The benefits and drawbacks of the various methods of food preservation and packaging are discussed.

SEWING

9 10 11 12

.5 credit

OFFERED: SEMESTER

FEE: STUDENTS MUST SUPPLY FABRIC FOR ITEMS CONSTRUCTED PLUS PATTERNS & ACCESSORIES

This course is for the beginning or experienced sewing student. Each student will select the items they want to construct by their level of expertise, from pajama bottoms to prom dress. Each student will be required to make a magazine holder for walkers or wheel chairs to take to a nursing home as a skills test.

FOODS IIB

10 11 12

.5 credit

OFFERED: SEMESTER

PREREQUISITE: FOODS IA,IB, IIA

FEE: \$20.00

The last of four courses in the Hospitality Career cluster will allow students to look at different Culinary schools in the nation/internationally. Preparation will entail meat - poultry, game, beef, pork; specialty dressings/salads; Southwestern Asia cuisine; pies and other specialty items. Entering a recipe contest will be part of the class. Cost analysis and recipe development is included. New and different foods will be introduced to the class. The different methods of food preparation will be utilized.

MEDICAL TERMINOLOGY (TC)

10 11 12

1 credit

OFFERED: FULL YEAR

This course is designed for students planning a medical career. Speaking the medical language is a critical need in the medical field. Understanding the root of medical terms, prefixes, suffixes, abbreviations and symbols utilized in the medical field is necessary each hour of the day in this career area.

INTRODUCTION TO HEALTH OCCUPATIONS (AS)

10 11 12

.5 credit

OFFERED: SEMESTER

Come explore the career world of Health Services. We will investigate the different positions in the medical field. Class will involve guest speakers covering dental careers, sports medicine, CNA, nursing, pediatrics, social services, cardiology, and radiology etc. From medical terms, body systems, medical math and time, to careers portfolios, students will be able to explore the medical field as a potential career option.

FOREIGN LANGUAGE DEPARTMENT

SPANISH I

9 10 11 12

1 credit

OFFERED: FULL YEAR

The course consists of patterns of conversations in functional, everyday settings, grammar study, and a study of Hispanic culture. Emphasis is placed on the development of the four language skills: listening, speaking, reading and writing. Additional practice is offered through the use of tapes, computers and videos.

SPANISH II

10 11 12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: SPANISH I WITH PASSING GRADE

The second year course consists of extensive grammar study, vocabulary expansion, and conversation. Short stories may be read and discussed in class. Further refinement of oral proficiency is stressed through classroom practice as well as tapes for self-evaluation. Students are encouraged to purchase a paperback Spanish/English dictionary for this level.

SPANISH III

11 12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: SPANISH II WITH PASSING GRADE

Third year Spanish consists of a review of grammar plus strengthening of skills in understanding, speaking, reading and writing Spanish. The basic goal is for confident self-expression in Spanish, as well as greater appreciation of the culture, including art literature and music. As in Spanish I and II, there is extensive use of tapes, videos and computers to supplement instruction.

SPANISH IV

12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: SPANISH III WITH PASSING GRADE

Spanish IV continues the grammar review, examining the subtleties of the language in detail. The four areas of language learning (comprehension, speaking, reading and writing) are treated with an emphasis on confident self-expression in Spanish. Exploration of Hispanic culture is intensified.

MATH DEPARTMENT

A PASSING GRADE IN 7th or 8th GRADE CLASS AND RECOMMENDATION FROM TEACHER USING TESTSCORES WILL BE USED FOR CLASS PLACEMENT

ALGEBRA IA

9 10 **1 credit**

OFFERED: FULL YEAR

Whether the students are preparing for college or for the workplace, this course (along with Algebra IB) will give them the skills they need for success. It will balance sound skill and concept development with mathematical modeling, applications, problem solving, and critical thinking to help them understand and apply algebra in a variety of contexts. Topics covered will include solving and graphing equations, proportional reasoning, functions and graphs, and powers and roots.

ALGEBRA IB

10 11 **1 credit**

OFFERED: FULL YEAR

PREREQUISITE: PASSING GRADE IN ALGEBRA IA OR PASSING GRADE IN SEMESTER ONE IN ALGEBRA I

Students will be prepared to enroll in Applied Geometry or Geometry after successfully completing this course. Algebra IB is a continuation of Algebra IA covering functions and graphs, writing linear equations, exponents, polynomial operations, factoring, inequalities, and systems of equations.

APPLIED GEOMETRY

11 12 **1 credit**

OFFERED: FULL YEAR

PREREQUISITE: PASSING GRADE IN ALGEBRA IB AND TEACHER RECOMMENDATION

NOTE: STUDENTS NEED THEIR OWN SCIENTIFIC CALCULATORS.

In this class, students will explore concepts and applications of Geometry. This course will balance concept development with mathematical applications, problem solving, and critical thinking to help them understand and apply geometry in a variety of contexts. Topics covered will include reasoning, segment measures and graphing, angle relationships, parallel lines and transversals, triangle properties and congruence, properties of quadrilaterals, proportions, and similarity.

ALGEBRA I

9 10 **1 credit**

OFFERED: FULL YEAR

PREREQUISITE: NINTH GRADERS NEED A PASSING GRADE IN EIGHTH GRADE MATH AND RECOMMENDATION OF TEACHER/TEST SCORE.

STUDENTS WHO HAVE PASSED PRE-ALGEBRA MAY TAKE ALGEBRA 1.

NOTE: STUDENTS NEED THEIR OWN SCIENTIFIC CALCULATORS.

Students will be prepared to enroll in Geometry after successfully completing this course. Topics covered will include algebraic expressions and properties, functions, solving and graphing linear equations, writing linear equations, solving and graphing linear inequalities, systems of equations, exponents, polynomial operations, and factoring.

GEOMETRY

9 10 11 **1 credit**

OFFERED: FULL YEAR

PREREQUISITE: PASSING GRADE IN ALGEBRA I OR ALGEBRA IB AND TEACHER RECOMMENDATION

NOTE: STUDENTS NEED THEIR OWN SCIENTIFIC CALCULATORS. THOUGH OPTIONAL, THE STUDENTS MAY WISH TO PURCHASE A RULER AND COLORED PENCILS

In this class students will work with various geometrical figures and their properties. Topics covered will include reasoning and proof, coordinate geometry, parallel and perpendicular lines, congruent triangles, triangle properties, similarity, the Pythagorean Theorem, special right triangles, and trigonometric functions. Applications of all topics are emphasized throughout the course work.

MATH DEPARTMENT

HONORS GEOMETRY

9 10

1 credit

OFFERED: FULL YEAR

PREREQUISITE: MINIMUM GRADE OF "B" IN BOTH SEMESTERS IN ALGEBRA I AND TEACHER REFERRAL

NOTE: STUDENTS MUST HAVE THEIR OWN SCIENTIFIC CALCULATORS. ALTHOUGH OPTIONAL, IT IS HIGHLY RECOMMENDED THAT YOU PURCHASE A TI-84 GRAPHING CALCULATOR.

In this class students will do an in depth study of geometrical figures and their properties. Topics covered will include reasoning and proof, coordinate geometry, parallel and perpendicular lines, congruent triangles, triangle properties, similarity, the Pythagorean Theorem, special right triangles, trigonometric functions, quadrilaterals, properties of transformations, and properties of circles in a variety of situations. Applications and formal proofs of all topics are emphasized throughout the course work.

HONORS ALGEBRA II

9 10

1 credit

OFFERED: FULL YEAR

PREREQUISITE: MINIMUM GRADE OF "B" FOR BOTH SEMESTERS IN HONORS GEOMETRY AND TEACHER / TEST SCORE REFERRAL

NOTE: STUDENTS MUST HAVE THEIR OWN SCIENTIFIC CALCULATOR. ALTHOUGH OPTIONAL, IT IS HIGHLY RECOMMENDED THAT YOU PURCHASE A TI-84 GRAPHING CALCULATOR.

In this class, students will do an in depth study of algebraic equations and relationships. Topics covered will include equations, functions, inequalities, graphing, linear systems and matrices, quadratic functions, polynomials, radical functions, rational functions, exponential functions, and conics. Applications of all topics are emphasized throughout the course work.

ALGEBRA II

9 10 11 12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: PASSING GRADE IN GEOMETRY

NOTE: STUDENTS MUST HAVE THEIR OWN SCIENTIFIC CALCULATORS. ALTHOUGH OPTIONAL, IT IS HIGHLY RECOMMENDED THAT YOU PURCHASE A TI-84 GRAPHING CALCULATOR.

Algebra II is a continuation of concepts learned in Algebra I and Geometry with an emphasis on equations, functions, inequalities, graphing, linear systems and matrices, quadratic functions, polynomials, radical functions, and rational functions. Applications of all topics are emphasized throughout the course work.

COLLEGE ALGEBRA AND TRIGONOMETRY

10 11 12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: COMPLETE ALGEBRA II WITH A MINIMUM GRADE OF "C-" FOR BOTH SEMESTERS.

NOTE: STUDENTS MUST HAVE THEIR OWN SCIENTIFIC CALCULATORS. ALTHOUGH OPTIONAL, IT IS HIGHLY RECOMMENDED THAT YOU PURCHASE A TI-84 GRAPHING CALCULATOR.

College Algebra and Trigonometry is a continuation of concepts learned in Algebra II and will prepare students not pursuing math, science or engineering the ability to be successful in a required college level mathematics course. Topics covered include exponential and logarithmic functions, quadratic relations, conic sections, probability and statistics, trigonometric ratios and functions, and trigonometric graphs and identities. Applications of all topics are emphasized throughout the course work.

MATH DEPARTMENT

PRE-CALCULUS WITH TRIGONOMETRY

10 11 12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: COMPLETE ALGEBRA II WITH A MINIMUM GRADE OF "B" FOR BOTH SEMESTERS.

NOTE: ALL STUDENTS MUST PURCHASE A TI-84 GRAPHING CALCULATOR.

This course will do an in depth study of polynomial, rational, exponential, logarithmic and trigonometric functions with an emphasis on their applications and graphical analysis.

Math Skills

9, 10, 11

.5 credit

OFFERED: SEMESTER

This course is required for those students who score 2 standard deviations below average on the MAPS assessment given in the fall and spring of the year. The course is structured to improve areas of weakness for each individual student. Course will use a combination of online software and teacher direct instruction. A team including teachers, counselor and principal will determine if the student is required to take the course more than once.

CALCULUS

11 12

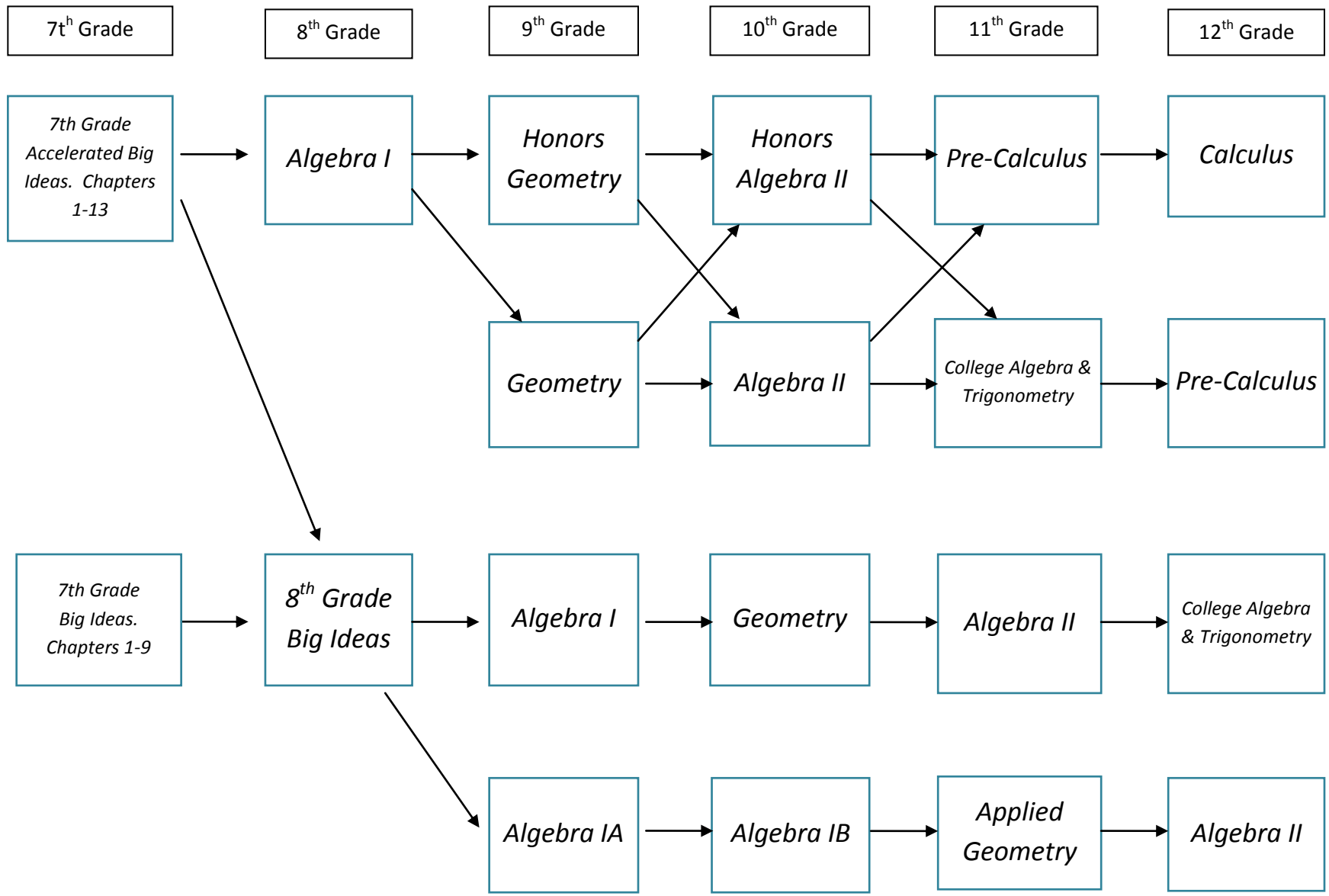
1 credit

OFFERED: FULL YEAR

PREREQUISITE: COMPLETE PRE-CALCULUS WITH A MINIMUM GRADE OF "B" FOR BOTH SEMESTERS.

NOTE: ALL STUDENTS MUST PURCHASE A TI-84 GRAPHING CALCULATOR

The course covers all topics measured on the Advanced Placement Calculus AB exam. Students have the option of signing up for that exam early 2nd semester.



MUSIC DEPARTMENT

SYMPHONIC BAND

9 10 11 12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: PREVIOUS INSTRUMENTAL TRAINING

The Parkview Symphonic Band is a performance group. Performances include marching band, pep band and concert band material. This band has three to four concerts per year, Memorial Day Parades, and other civic and athletic events. **Attendance is mandatory at all functions. Students electing this class must realize that it is a performing group and has required activities outside the school day that affect the grade for the course.**

JAZZ ENSEMBLE

9 10 11 12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: PREVIOUS INSTRUMENTAL TRAINING

Jazz Ensemble is comprised of more experienced musicians. This class provides an opportunity for students to expand their knowledge of music. Jazz styles such as swing, rock, and Latin will be explored. Creativity, self-expression and listening skills will be developed through improvisation. **Students selecting this class must realize that it is a performing group and has required activities outside the school day which affect the grade for the course.**

CONCERT CHOIR

9 10 11 12

BY AUDITION ONLY

1 credit

OFFERED: FULL YEAR

PREREQUISITE: PREVIOUS CHORAL EXPERIENCE

This class is a performing group comprised of more experienced musicians. This class is designed to provide deeper enrichment in music and to improve upon basic vocal music skills. **Students electing this class must realize that it is a performing group and has required activities outside the school day that affect the grade for the course.**

It is strongly encouraged for students trying out for Parkview Pizazz to enroll in this course.

PHYSICAL EDUCATION DEPARTMENT

All students are required to take Freshman Physical Education during their freshman year.

Sophomores through Seniors are required to take a minimum of one (1) additional credit of Physical Education to meet graduation requirement of 1 ½ credits. **Students may enroll in additional PE courses if approved by administration.**

HEALTH
9 REQUIRED .5 credit
OFFERED: SEMESTER

This is a high school **requirement for graduation**. Students will learn mental and emotional health, family living, human growth and development, nutrition, personal health, alcohol, tobacco, and other drugs education, communicable and chronic diseases, injury prevention and safety, consumer and community health, and environmental health.

TEAM SPORTS
10 11 12 .5 credit
OFFERED: SEMESTER

This course will meet during the fall semester and involve participation in activities such as: softball, volleyball, basketball, rugby, ultimate Frisbee, lacrosse, soccer, touch/flag football, team handball, and other leisure sport activities. Instruction will focus on understanding and then executing team concepts and skills. Participants will also be involved in study and design of strategies, as well as the officiating involved in the respective sport.

STRENGTH & CONDITIONING
10 11 12 .5 credit
OFFERED: SEMESTER

This course will concentrate on training to increase muscle mass, muscle endurance, aerobic capacity, overall strength, coordination, and enhance power. A variety of equipment will be used in the weight room along with aerobic games and fitness activities.

PHYSICAL EDUCATION 9
9 .5 credit
OFFERED: SEMESTER

The ninth grade Physical Education program is a general introductory class to develop student's enthusiasm for activity, self esteem, peer relationships, and cooperation through teamwork

INDIVIDUAL SPORTS
10 11 12 .5 credit
OFFERED: SEMESTER

This course will teach basic knowledge and involve participation in activities such as: badminton, pickleball, golf, aerobic conditioning, bowling, tennis, combatives, bocce ball, horse shoes, and weight training. Participants will also be involved in study and design of strategies, as well as the officiating involved in the respective sport.

FITNESS FOR LIFE
11 12 .5 credit
OFFERED: SEMESTER

This course will have students design an individualized fitness plan and implement the plan using the weight room, cardiovascular activities and other fitness workouts. Methods of evaluating each student's individual fitness level will be recorded and analyzed on a regular basis. Nutrition, supplements, and consumer issues will be discussed.

PHYSICAL EDUCATION DEPARTMENT

ADVANCED STRENGTH & CONDITIONING

10 11 12 .5 credit

OFFERED: SEMESTER

PREREQUISITE: SUCCESSFUL COMPLETION OF STRENGTH & CONDITIONING I

This course will continue building on the concepts and strategies taught in Strength & Conditioning. This course will concentrate on training to increase muscle mass, muscle endurance, aerobic capacity, overall strength, coordination, and enhance power. A variety of equipment will be used in the weight room along with aerobic games and fitness activities.

OFFICIATING

11 12 .5 credit

OFFERED: SEMESTER

This course will provide students an opportunity to learn the rules and the skills necessary to officiate the following Wisconsin Interscholastic Athletic Association (WIAA) high school sports: basketball, volleyball, baseball, softball, and football. Students will go through the rules of the game daily and practice their officiating skills during class activity time. Students will have the option of becoming a WIAA certified official upon successful completion of the course.

LIFETIME SPORTS

12 .5 credit

OFFERED: SEMESTER

PREREQUISITE: SENIORS WHO HAVE FULFILLED THEIR 1.5 CREDITS OF PHYSICAL EDUCATION REQUIREMENT WITH A "B" AVERAGE.

This class is geared to the student who is self-motivated, concerned about fitness, enjoys physical activity, and is interested in pursuing a variety of lifetime sports. There will be a number of field trip opportunities throughout the course.

SCIENCE DEPARTMENT

BIOLOGY

9 REQUIRED

OFFERED: FULL YEAR

1 credit

Biology is a yearlong course concerned with the study of living things. There is an emphasis on learning by investigation. First semester topics are experimenting, cells, bacteria, viruses and fungi. Second semester topics are evolution, genetics and ecology.

PHYSICAL SCIENCE

10 REQUIRED

OFFERED: FULL YEAR

1 credit

Physical science is the study of matter and energy. The first semester is an introduction to the atomic structure of matter. The second semester is a study of various forms of energy: sound, forces, motion, light, heat and electricity. Students will have many laboratory activities.

GENETICS

11 12

OFFERED: SEMESTER

PREREQUISITE: MINIMUM GRADE OF "C" IN BIOLOGY BOTH SEMESTERS

FEE: \$10.00

.5 credit

This course includes an in depth study of genetics and other selected topics in the life sciences. There will be an emphasis on learning by investigation. Students will be performing crosses with fruit flies. Other topics include DNA testing & chromosomal disorders.

CHEMISTRY

11 12

OFFERED: FULL YEAR

PREREQUISITE: STUDENTS MUST HAVE COMPLETED ALGEBRA I AND ALGEBRA II OR BE TAKING ALGEBRA II AT THE SAME TIME THEY ARE TAKING CHEMISTRY.

1 credit

General Chemistry is a laboratory-oriented course designed to teach students about substances and how they change. This course is designed to provide students with solid framework of the chemical sciences while preparing them for further studies that delve deeper into chemistry.

PHYSICS

11 12

OFFERED: FULL YEAR

PREREQUISITE: STUDENTS MUST HAVE COMPLETED ALGEBRA I AND GEOMETRY AND COMPLETED OR BE TAKING ALGEBRA II AT THE SAME TIME AS PHYSICS. TRIGONOMETRY IS HIGHLY SUGGESTED.

1 credit

Physics involves the study of the different forms of energy and how these forms of energy affect our lives. The focus of the first semester is on the analysis of moving objects and the forces that cause motion. The second semester focuses on the study of sound, light, heat and electrical energy.

HUMAN ANATOMY

11 12

OFFERED: FULL YEAR

PREREQUISITES: MINIMUM GRADE OF "C" IN BIOLOGY FOR BOTH SEMESTERS

FEE: \$10.00

1 credit

This course is a comprehensive study of the human body using lecture, surgical videos and animal dissection. This course is designed especially for those students considering careers in health, medicine, or the life sciences. Students need to be able to dissect a cat.

ENVIRONMENTAL SCIENCE

11 12

OFFERED: SEMESTER 2 (SPRING)

Environmental Science is the study of how humans interact with other species and the non-living environment. It draws from many sciences to study the connections and interactions with the natural world. Students learn about the cycles in nature and how they are observed and measured. Topics studied include ecosystems, pollution, human population dynamics, environmental economics and politics, global warming, and energy issues. Students should expect to do research on environmental issues. Lab experiments will demonstrate environmental issues and tracking techniques. Environmental issues in Wisconsin and the Great Lakes region will be emphasized. The Parkview Land Lab will be a resource for some outdoor work.

.5 credit

SCIENCE DEPARTMENT

AP CHEMISTRY

12 **1 credit**

OFFERED: FULL YEAR
MINIMUM GRADE OF "B" IN BOTH SEMESTERS OF CHEMISTRY IS HIGHLY SUGGESTED

AP Chemistry is a second year chemistry course designed to help students pass the College Board Chemistry exam. The topics include and extend beyond those covered in Chemistry I. These include, but are not limited to: Chemical Equilibrium: Calculations of Equilibrium, LeChatelier's principle, Effect of Temperature on Equilibrium

Chemical Kinetics: Activation Energy, Rate Law Expressions, catalysts, and reaction mechanism

Electrochemistry: Oxidation and reduction, half-cells & equations, electrochemical (voltaic) cells, standard voltages, and the Nernst Equation.

BOTANY

10 11 12 **.5 credit**

OFFERED: SEMESTER 2 (SPRING)

This course studies the biology of plants and plant communities. Students learn to identify plants using keys based on the characteristics of plant families. Lab activities will teach the basics of plant biology and physiology. Students will learn techniques for analyzing plant communities and will study the effects of invasive species. Special emphasis will be given to plants and plant communities native to Wisconsin. The Parkview Land Lab will be used as a resource for significant outdoor work.

FORENSIC SCIENCE

10, 11, 12 **.5 credit**
OFFERED: SEMESTER

This course is a one semester investigative science course. Students will learn how to observe, collect, analyze and evaluate evidence found at crime scenes. Some of the topics covered are fingerprints, hair, fibers, ballistics, entomology, serology, and DNA analysis

AP BIOLOGY

12 **1 credit**

OFFERED: FULL YEAR
PREREQUISITE: BIOLOGY AND GENETICS; MINIMUM GRADE OF "B" IS HIGHLY SUGGESTED

AP Biology is a second year biology course designed to help students pass the College Board Biology exam. The topics include and extend beyond those covered in Biology. Labs include: cells - diffusion and osmosis, enzyme catalysis, mitosis and meiosis, photosynthesis, and cellular respiration; genetics - statistical analysis, population genetics, and evolution; animals - physiology, circulatory system, behavior, and dissolved oxygen.

EARTH & SPACE SCIENCE

11 & 12 **.5 credit**
OFFERED: SEMESTER

Engage in a journey to discover the Earth's place in the Universe and humanity's place on Earth. Learn how sunlight and organic compounds cycle on Earth to support life. Study the forces that build and destroy planets. Pursue projects and create models that explain the scientific principles of the ever-changing Universe.

CONSUMER CHEMISTRY

11,12 **.5 credit**
OFFERED: SEMESTER
PREREQUISITE: PHYSICAL SCIENCE

Consumer Chemistry is a one semester practical course focusing on the chemistry and chemicals of everyday life rather than the theoretical or mathematical concepts of chemistry. The science of chemistry is studied along with practical applications. This course is intended for students who will not be pursuing a science related field post high school. Lecture discussions and activities will involve the chemistry of toothpaste, deodorants, cosmetics, soaps and detergents, foods, fabrics, toys, paints, plastics and other products commonly found in the kitchen, laundry, bathroom, bedroom, and workshop. This is an integrated course. Classes are held in a chemistry laboratory and will integrate discussion, activities and experiments

SOCIAL STUDIES DEPARTMENT

MODERN UNITED STATES HISTORY

9 REQUIRED

1 credit

OFFERED: FULL YEAR

Modern U.S. History is a required course for all freshmen. This course takes a multi-disciplinary approach to studying the evolution of the modern United States since the turn of the twentieth century. Major attention is devoted to understanding the impact of government, economics, foreign policy and societal changes throughout modern history.

CIVICS

11 12 REQUIRED

.5 credit

OFFERED: SEMESTER

This course covers the basic structure and functions of both our federal and state governments. These are broken down into sections on the three main branches: executive, legislative, and judicial. In addition, this course will explore other topics including elections and political parties, as well as discuss important current events happening in our country and state, at the moment. This course is required for graduation.

PSYCHOLOGY

11 12

.5 credit

OFFERED: SEMESTER

This course is an introductory class to psychology and over the course of the semester we will examine major concepts, terms, and theories. Units will include: history/research in psychology, brain structure/function, sensation/perception, memory, motivation/emotion, learning, cognition, language, intelligence, individual differences, social/cultural behavior, personality, personality assessment, psychological disorders, treatment of psychological disorders, states of consciousness, sleep/dreams, and developmental psychology.

This class is largely discussion based and will require students to keep up with reading assignments and participate on a daily basis.

WORLD HISTORY

10 REQUIRED

1 credit

OFFERED: FULL YEAR

This course begins with the first phase of World History, ancient and classical civilizations. The political, religious, social, and artistic achievements of Medieval Europe and the Renaissance are explored. Further coverage of social and political change, and nationalism and reform around the world are addressed through primary documents and cooperative learning opportunities. This course is required for graduation.

AP US HISTORY

11 12

1 credit

OFFERED: FULL YEAR

PREREQUISITE: B IN US HISTORY 9

This course examines the whole of United States history, from the first inhabitants to the modern era, focusing on how events in history have shaped our world today. Students will have the opportunity to take a more in depth look at topics they have covered in past history courses, specifically looking at various interpretations of the same event. The ultimate goal of this course is to prepare for the AP History test in May, which could earn a student up to 6 college credits.

SOCIAL STUDIES DEPARTMENT

SOCIOLOGY

11 12

.5 credit

OFFERED: SEMESTER

This course will examine the theories and perspectives related to the field of sociology, which is the scientific study of society and how it impacts/influences human behavior. Over the course of the semester we will closely examine social structures, deviance, media, social inequality, social institutions, social change, socialization, and family.

Moreover, the course will be largely discussion based and will require students to keep up with reading assignments and participate on a daily basis.

TECHNOLOGY EDUCATION DEPARTMENT

MECHANICAL DRAWING I (AS)

9 10 11 12

.5 credit

OFFERED: SEMESTER



Drawing is the foundation for all aspects of industry and technology. Mechanical Drawing I is a design course based on **applied geometry**. This is an introductory career exploration course. Basic fundamentals such as: drawing tools, geometric construction, orthographic projection, pictorial drawings and dimension practices are covered. **CAD** is introduced using **AutoCAD LT** on the Dell computers.

PRINCIPLES OF ENGINEERING

9 10 11 12

1 credit

OFFERED: FULL YEAR

This survey course of engineering exposes students to major concepts they'll encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, documenting their work and communicating solutions to peers and members of the professional community.

BUILDING CONSTRUCTION

11 12

.5 credit

OFFERED: SEMESTER

Providing housing for our businesses and our ever-growing population is a major concern for today's world. This class is designed to provide entry-level skills in building construction and prepare a list of materials needed. The Building Construction student will be able to prepare a site and do necessary cement work with the foundation and footings. Framing, siding, roofing, finishing, wiring, and plumbing are many other skills that the student will be able to demonstrate at the construction site. Energy sources such as gas, solar, hydroelectric, and wind power will also be explored in this course.

WOODWORKING

9 10 11 12

.5 credit

OFFERED: SEMESTER

Junior High Industrial Technology is recommended but not required for Woodworking. This course includes units on industrial math, bill of materials, plan of procedure, and machine operation. Machine operation and safety are stressed with safety tests and student operation. Using computer programs for woodworking completes safety review. Various units that pertain to woodworking are completed. The construction of wood projects are completed by the student and graded according to quality. A fee is charged for construction materials.

INTRODUCTION TO ENGINEERING DESIGN

9 10 11 12

1 credit

OFFERED: FULL YEAR

This course is a high school level course that is appropriate for 9th or 10th grade students who are interested in design and engineering. The major focus of the IED course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. IED gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem-based learning. The course of study includes:

- Design Process
- Modeling
- Sketching
- Measurement, Statistics, and Applied Geometry
- Presentation Design and Delivery
- Engineering Drawing Standards
- CAD Solid Modeling
- Reverse Engineering
- Consumer Product Design Innovation
- Marketing
- Graphic Design
- Engineering Ethics
- Virtual Design Teams

TECHNOLOGY EDUCATION DEPARTMENT

EXPLORING TECHNOLOGY

9 10 11 12

.5 credit

OFFERED: SEMESTER

PREREQUISITE: MECHANICAL DRAWING I

This is an introductory technology course that covers areas of all other technology courses. This course covers units in drawing and design, industrial math, house wiring, wall framing, research and development, communications, computers, robotics, and energy. This course is recommended for students interested in engineering, programming, nursing, interior design, and all the fields of technology.

MANUFACTURING

10 11 12

.5 credit

OFFERED: SEMESTER

PREREQUISITE: WOODWORKING & MECHANICAL DRAWING 1

Students will research, develop, produce, and sell a product by setting up a manufacturing system. Computer-aided manufacturing and computer-aided drawing are used to create the products. Units covered are history and elements of manufacturing mass production systems, advertising, machine operation for industry, and new technology systems for manufacturing. This course is strongly recommended for any student that will be entering the field of industry. This includes students entering a university or vocational school.

RESEARCH AND DEVELOPMENT

9 10 11 12

.5 credit

OFFERED: SEMESTER

PREREQUISITE: MECHANICAL DRAWING 1

Creativity is important to the engineer, technologist, and other members of the industrial team since they must develop all products and processes. Many problems in this course are structured to have more than one solution to exercise the imagination. The purpose of this course is to develop in each student the ability to identify problems, formulate new ideas, improve some existing products, collect data, and solve problems related to given criteria. The students will construct a CO₂ car, robotic mechanical crane, mousetrap vehicle, bridge, paperweight platform, and a machine ball energy transfer. Units covered are design in industry, problem solving techniques, and decision making.

ARCHITECTURAL DRAWING

10 11 12

.5 credit

OFFERED: SEMESTER

PREREQUISITE: MECHANICAL DRAWING 1

This course will make the student a knowledgeable homebuyer. This course is recommended for students interested in interior design and architecture. During this course, a study and drawing for foundations, wall plans, roof plans, and electrical plans are completed. Designs will be completed using drafting equipment and computers with a **cad system**. The student, using different problem solving techniques, will develop a personal home design.

TECHNOLOGY EDUCATION DEPARTMENT

MECHANICAL DRAWING II (AS)

10 11 12

.5 credit

OFFERED: SEMESTER

PREREQUISITE: MECHANICAL DRAWING 1

This course is designed to meet the needs of students pursuing careers in engineering, electricity/electronics, mechanical drawing, interior design, industrial design, industrial technology or a college prep class. Units covered are auxiliary views, section views, threads, detailed dimensioning, design and working drawings.

Computer Aided Design is also completed on the computers. ***Strongly recommended for future.***

AGRICULTURAL POWER MACHINES AND TECHNOLOGY

11 12

.5 credit

OFFERED: SEMESTER 2

FEE \$5.00

Some of the most practical knowledge that a person of today can possess is an understanding of how engines and various mechanical systems operate. This class will enable a student to understand how small engines, automobiles, tractors and machinery, and industrial equipment operate and how to perform simple maintenance procedures. The student will understand the electrical, cooling, lubrication, braking, fuel, air, and power train systems, while demonstrating such skills as changing the oil, adjusting the carburetor, testing coolant or bleeding the brakes. This same student will be able to operate a tire machine and diagnose engine failures by knowing how to use an engine analyzer.

The Power Machine student will complete the year by overhauling an engine or tractor restoration project.

WELDING AND METALS

10 11 12

.5 credit

OFFERED: SEMESTER

FEE \$15 LAB

NOTE: STUDENTS MUST PAY FOR ALL METALS USED FOR THE CONSTRUCTION OF THEIR PROJECT

The ability to join metals permanently with the application of heat is a skill that a student will use for a lifetime. With businesses that employ metal fabricators in large numbers, so close to the district such as Kuhn Knight and Monroe Truck Maintenance, it is also a skill that can lead to full time employment with a comfortable wage attached. In the welding class, students will learn to safely use equipment such as welders, wire feed welders, spot welder, plasma cutter, torch brake, shear, drill press, bench grinder, nippers and hand grinders. Students will learn how to run a correct bead while performing butt welds, t-welds, lap welds, edge welds, and inside and outside corner welds. Horizontal, vertical and overhead welding will also be explored. Students will also learn the basics of soldering and brazing as well as receive an introduction of TIG welding. Students will culminate their experience in the class by creating a welding art project, constructing a project of choice by the instructor and by building or repairing a project chosen by the student with the instructor's consent

COURSE SELECTION SHEET

2014 – 2015

Due to Homeroom Teacher February 7 or February 20

Name: _____

HOMEROOM TEACHER SIGNATURE: _____

FRESHMAN		
	SEMESTER ONE	SEMESTER TWO
1	ENGLISH 9 or ADVANCED ENGLISH 9	ENGLISH 9 or ADVANCED ENGLISH 9
2	Biology	Biology
3	MODERN US HISTORY	MODERN US HISTORY
4	MATH:	MATH:
5	PHY ED 9 (semester one)	HEALTH (semester two)
6		
7		
8		

* Minimum number of credits = 7

*Alternate Course Choices: (3 Minimum Required)

- 1.
- 2.
- 3.

*Parent Signature Required: _____

Graduation Requirements: 24-1/2 credits, including 4 credits English, 3 credits of Social Studies, 3 credits of Math, 3 credits of Science, 1-1/2 credits of Physical Education, ½ credit of Health, and 9-1/2 elective credits.

Ninth Grade Options

Agricultural Department

Agri Science Survey
Wisconsin Outdoors

Art Department

Art Fundamentals
Exploring Art Media
Photography I/Graphic Design

Business Department

Information Processing I
Information Processing II

Computer Education Department

Computer Literacy Basics
Programming I: Visual Basic

English Department

Creative Writing
Yearbook

Family and Consumer Science Department

Foods 1A
Parenting Education
Foods 1B
Food Science
Sewing

Foreign Language Department

Spanish I

Math Department

Next In Sequence or
Department Recommendation,
Refer to Math Flow Chart

Music Department

Symphonic Band
Jazz Ensemble
Concert Choir

Technology Education Department

Mechanical Drawing I
Principles of Engineering
Woodworking
Introduction to Engineering Design
Exploring Technology
Research and Development

COURSE SELECTION SHEET

2014 – 2015

Due to Homeroom Teacher February 7 or February 20

Name: _____

HOMEROOM TEACHER SIGNATURE: _____

SOPHOMORE		
	SEMESTER ONE	SEMESTER TWO
1	MYSTERY AND BEYOND or SOCIETY FICTION	COMPOSITION I (Required Sophomore Year)
2	Physical Science	Physical Science
3	MATH:	MATH:
4	WORLD HISTORY	WORLD HISTORY
5		
6		
7		
8		

* Minimum number of credits = 7

*Alternate Course Choices: (3 Minimum Required)

- 1.
- 2.
- 3.

*Parent Signature Required: _____

Graduation Requirements: 24-1/2 credits, including 4 credits English, 3 credits of Social Studies, 3 credits of Math, 3 credits of Science, 1-1/2 credits of Physical Education, 1/2 credit of Health, and 9-1/2 elective credits.

Tenth Grade Options

Agricultural Department

Agri Science Survey
Food Production and Processing
Wisconsin Outdoors
Large Animal Veterinary Science
Horticulture and Landscaping

Art Department

Art Fundamentals
Drawing 1 & II
Paint 1 & II
Ceramics I & II
Exploring Art Media
Photography I/Graphic Design

Business Department

Information Processing I
Information Processing II
Introduction to Business
Personal Finance
Entrepreneurship & Marketing
Career Exploration and Preparation
Accounting I
Legal Life After 17
Introduction to Personal Law

Computer Education Department

Computer Literacy Basics
Internet Literacy
Programing I: Visual Basic
Programing II: Pascal

English Department

Composition I
Society Fiction
Mystery and Beyond
Analytical Writing
American Novels
Composition II
American Literature
Creative Writing
World of Ideas
Yearbook
Historical Fiction

Family and Consumer Science Department

Foods IA
Parenting Education
Foods IB
Foods IIA
Food Science
Sewing
Foods IIB
Medical Terminology
Introduction to Health Occupations

Foreign Language Department

Spanish I
Spanish II

Math Department

Next In Sequence or
Department Recommendation,
Refer to Math Flow Chart

Music Department

Symphonic Band
Jazz Ensemble
Concert Choir

Physical Education Department

Team Sports
Strength & Conditioning
Individual Sports
Advanced Strength & Conditioning

Science Department

Botany
Forensic Science

Social Studies Department

History Through Literature

Technology Education Department

Mechanical Drawing I
Principles of Engineering
Woodworking
Introduction to Engineering Design
Exploring Technology
Manufacturing
Mechanical Drawing II
Research and Development
Architectural Drawing
Welding and Metals

COURSE SELECTION SHEET

2014 – 2015

Due to Homeroom Teacher February 7 or February 20

Name: _____

HOMEROOM TEACHER SIGNATURE: _____

JUNIOR		
	SEMESTER ONE	SEMESTER TWO
1	AMERICAN LITERATURE or AMERICAN NOVEL	ANALYTICAL WRITING or COMPOSITION II
2	*CIVICS REQUIRED BEFORE GRADUATION	
3		
4		
5		
6		
7		
8		

* Minimum number of credits = 7

*Alternate Course Choices: (3 Minimum Required)

1.

2.

*Parent Signature Required: _____

Graduation Requirements: 24-1/2 credits, including 4 credits English, 3 credits of Social Studies, 3 credits of Math, 2 credits of Science, 1-1/2 credits of Physical Education, ½ credit of Health, and 10-1/2 elective credits.

Eleventh Grade Options

Agricultural Department

Agri Science Survey
Agribusiness and Leadership
Food Production and Processing
Wisconsin Outdoors
Large Animal Veterinary Science
Horticulture and Landscaping
Small Animal Veterinary Science

Art Department

Art Fundamentals
Drawing I & II
Paint I & II
Ceramics I & II
Exploring Art Media
Photography I / Graphic Design
Photography II

Business Department

Information Processing I
Information Processing II
Introduction to Business
Introduction to Personal Law I
Personal Finance
Entrepreneurship & Marketing
Career Exploration and Preparation
Accounting I
Money and Power
Accounting II
Legal Life After 17

Computer Education Department

Computer Literacy Basics
Computer Applications
Internet Literacy
Programming I: Visual Basic
Programming II: Pascal
Programming III: C++

English Department

Analytical Writing
American Novels
Composition II
Lifetime Writing
American Literature
Creative Writing
World of Ideas
Yearbook
World Literature
College Writing
Historical Fiction

Family and Consumer Science Department

Child Development
Foods IA
Child Health and Safety
Parenting Education
Foods IB
Foods IIA
Food Science

Family and Consumer Science Department (cont.)

Sewing
Foods IIB
Medical Terminology
Introduction to Health Occupations

Foreign Language

Spanish I
Spanish II
Spanish III

Math Department

Next In Sequence or
Department Recommendation,
Refer to Math Flow Chart

Music Department

Symphonic Band
Jazz Ensemble
Concert Choir

Physical Education Department

Team Sports
Strength & Conditioning
Individual Sports
Fitness For Life
Advanced Strength & Conditioning
Officiating

Science Department

Genetics
Environmental Science
Physics
Human Anatomy
Chemistry
Botany
Forensic Science
Earth & Space Science
Consumer Chemistry

Social Studies Department

Psychology
AP US History
History Through Literature
Sociology

Technology Education Department

Mechanical Drawing I
Principles of Engineering
Building Construction
Woodworking
Introduction to Engineering Design
Exploring Technology
Manufacturing
Mechanical Drawing II
Research and Development
Architectural Drawing
Agricultural Power Machines and Technology
Welding and Metals

COURSE SELECTION SHEET

2014 – 2015

Due to Homeroom Teacher February 7 or February 20

Name: _____

HOMEROOM TEACHER SIGNATURE: _____

SENIOR		
	SEMESTER ONE	SEMESTER TWO
1	WORLD LITERATURE or WORLD IDEAS or AP ENGLISH	COLLEGE WRITING or LIFETIME WRITING or AP ENGLISH
2		
3		
4		
5		
6		
7		
8		

* Minimum number of credits = 7

*Alternate Course Choices: (3 Minimum Required)

- 1.
- 2.
- 3.

Parent Signature Required: _____

Graduation Requirements: 24-1/2 credits, including 4 credits English, 3 credits of Social Studies, 3 credits of Math, 2 credits of Science, 1-1/2 credits of Physical Education, ½ credit of Health, and 10-1/2 elective credits.

Twelfth Grade Options

Agricultural Department

Agri Science Survey
Agribusiness and Leadership
Food Production and Processing
Wisconsin Outdoors
Large Animal Veterinary Science
Horticulture and Landscaping
Small Animal Veterinary Science

Art Department

Art Fundamentals
Drawing I & II
Paint I & II
Ceramics I & II
Art Studio / Independent Study
Exploring Art Media
Photography I / Graphic Design
Photography II

Business Department

Information Processing I
Information Processing II
Introduction to Business
Introduction to Personal Law I
Personal Finance
Entrepreneurship & Marketing
Career Exploration and Preparation
Work Study
Accounting I
Money and Power
Accounting II
Legal Life After 17

Computer Education Department

Computer Literacy Basics
Computer Applications
Internet Literacy
Programming I: Visual Basic
Programming II: Pascal
Programming III: C++

English Department

Advanced Placement English 12
Creative Writing
World of Ideas
Yearbook
World Literature
Lifetime Writing
College Writing
Historical Fiction

Family and Consumer Science Department

Child Development
Foods IA
Child Health and Safety
Parenting Education
Foods IB
Foods IIA
Food Science
Sewing
Foods IIB

Family and Consumer Science Department (cont.)

Medical Terminology
Introduction to Health Occupations

Foreign Language

Spanish I
Spanish II
Spanish III
Spanish IV

Math Department

Next In Sequence or
Department Recommendation,
Refer to Math Flow Chart

Music Department

Symphonic Band
Jazz Ensemble
Concert Choir

Physical Education Department

Team Sports
Strength & Conditioning
Individual Sports
Fitness For Life
Advanced Strength & Conditioning
Officiating
Lifetime Sports

Science Department

Genetics
Environmental Science
Physics
Human Anatomy
Chemistry
AP Chemistry
Botany
AP Biology
Forensic Science
Earth and Space Science
Consumer Chemistry

Social Studies Department

Psychology
AP US History
History Through Literature
Sociology

Technology Education Department

Mechanical Drawing I
Principles of Engineering
Building Construction
Woodworking
Introduction to Engineering Design
Exploring Technology
Manufacturing
Mechanical Drawing II
Research and Development
Architectural Drawing
Agricultural Power Machines and Technology
Welding and Metals