**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 |

2013-2014

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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 | |
| English | 4 |
| Social Studies | 3 |
| Math | 3 |
| Science | 2 |
| Physical Education | 1½ |
| \* Health | ½ |
| Electives | 10½ |
| Total | 24 ½ |

\* 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.

1. *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;

1. A very special reason involving permission of a counselor, principal(s), and when appropriate, parents;
2. A scheduling error is detected,
3. 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 guidance 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 guidance 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](mailto:wtrow@email.parkview.k12.wi.us)

Joel Deremo School Counselor Ext. 5124 [jderemo@email.parkview.k12.wi.us](mailto:jderemo@email.parkview.k12.wi.us)

(grades 9-12)

Shannon Monaghan School Counselor Ext. 5120 [smonaghan@email.parkview.k12.wi.us](mailto:smonaghan@email.parkview.k12.wi.us)

(grades 7-8)

**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:**

* Two 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 Transcripted 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 Transcripted 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 Transcripted 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**

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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 Natural Resources Systems

Animal Systems Plant Systems

Environmental Service Systems Power, Structure & Technical Systems

Food Products and Processing Systems

**Courses Offered in this Pathway**

Agri Science Survey Food Production and Processing

Agribusiness and Leadership Horticulture and Landscaping

Agricultural Building Construction Technology Large Animal Veterinary Science

Agricultural Power Machines Technology Small Animal Veterinary Science

Agriculture Welding and Metal Wisconsin Outdoors

Biology, A.P. Biology Environmental Science

Accounting I & II Spanish I-IV

Career Exploration & Preparation Introduction to Business

Algebra I & II Geometry

College Algebra & Trigonometry

**Extra Curricular Organizations & Activities :**

**FFA**

**National Honor Society**

**Culinary Arts Team**

**Future Problem Solvers**

**Athletics / Sports Teams**

Do you have an interest in:

**Animals Plants**

☐Working with sick or injured animals ☐Caring for plants in your home or yard

☐Working with companion animals like dogs and cats ☐Designing landscape for homes or businesses

☐Working with unique species such as fish for food ☐Developing new plants or modifying existing ones

☐Marine Biology ☐What plants need to grow successfully

☐A medical field

**Natural Resources Foods**

☐Native fish and their aquatic habits ☐What makes bread rise

☐Forest ecosystems ☐Being a food scientist

☐Preservation of endangered species ☐Designing new food and flavors

☐Wolves and whitetails in Wisconsin ☐How science is used to process your food

**Career Options**

Agriculture, Food & Natural Resources RResources

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 Nutrionalist 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 Marine Biologist Wildlife Biologist

Ag Banker Food Scientist Plant Pathologist Zoologist

Animal Psychologist Forrester 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 Algebra I through Calculus

Agricultural Buildings and Construction English -Skills acquired in English are Cabinetmaking considered important for all career paths Exploring Technology Spanish I-IV

Woodworking Physics

Environmental Science Computer Literacy

Introduction to Business Programming 1, 2, 3

Career Exploration & Preparation Genetics

**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: Personal qualities that describe me:**

☐Read and follow blueprints and/or instructions ☐Curious

☐Picture in my mind what a finished product looks like ☐Good at following directions

☐Pay attention to detail

**Work with my hands**. ☐Good at visualizing possibilities

☐Perform work that requires precise results ☐Patient and persistent

☐Solve technical problems

☐Visit and learn from beautiful, historic, **School subjects that I like:**

or interesting buildings ☐Math

☐Follow logical, step-by-step procedures☐Drafting

☐Physical Sciences

☐Construction Trades

☐Electrical Trades/Heat, Air Conditioning and

Refrigeration/Technology Education

**Career Options**

Architecture & Construction

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 Printing Technology

Visual Arts Performing Arts

Journalism and Broadcasting Telecommunications

**Courses Offered in this Pathway**

Architectural Drawing Algebra I &II, Geometry, College Algebra & Trig

Agricultural Buildings and Construction English -Skills acquired in English are Cabinetmaking considered important for all career paths Exploring Technology Spanish I-IV

Woodworking Yearbook

Computer Literacy Desktop Publishing

Internet Literacy Programming 1, 2, 3

Career Exploration & Preparation

**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: Personal qualities that describe me:**

☐Use my imagination to communicate new ☐Creative and imaginative

information to others ☐Good communicator/good vocabulary

Arts, A/V Technology & Communications

☐Perform in front of others ☐Curious about new technology

☐Read and write ☐Relate well to feelings and thought of others

☐Play a musical instrument ☐Determined / tenacious

☐Perform creative, artistic activities

☐Use video and recording technology **School subjects that I like:**

☐Design brochures and posters ☐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 Human Resources

Business Financial Management & Accounting Business Analysis

Marketing & Communications Administrative & Information Support

**Courses Offered in this Pathway**

English- Skills acquired in English are Yearbook considered important for all career paths Spanish I - IV

Accounting I & II Computer Literacy

Internet Literacy Desktop Publishing

Programming 1, 2, 3 Career Exploration & Preparation

Introduction to Law Money & Power

Information Processing I & II Introduction to Business

Personal Finance Enterprises & Marketing

Algebra I & II, Geometry, College Algebra & Trig Psychology

ProStart IIA & B

**Extra Curricular Organizations & Activities:**

**Forensics**

**Student Council**

**Future Problem Solvers**

**National Honor Society**

# Do you have an interest in:

Business Management and Administration

**Activities that describe what I like to do: Personal qualities that describe me:**

☐Perform routine, organized activities but can be flexible ☐Organized

☐Work with numbers and detailed information ☐Practical and logical

☐Be the leader in a group ☐Patient

☐Make business contact with people ☐Tactful

☐Work with computer programs ☐Responsible

☐Create reports and communicate ideas

**School subjects that I like:**

☐Computer Applications

☐Business & Information Technology

☐Accounting

☐Math

☐English

**Career Options** ☐Economics

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*

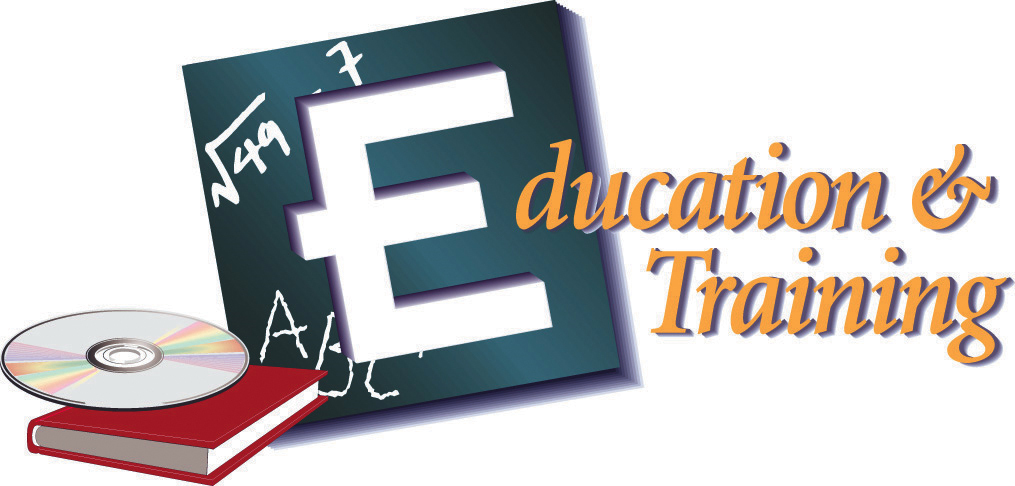
Accountant - CPA Health Care Administrator Sales Representative

Advertising Manager Human Resource Manager Theater Manager

Art Director Instrumental Sales/Manufacturing

Business & Industry Marketing Manager Musician’s Agent

Consultant 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 Spanish I - IV

considered important for all career paths Algebra I & II, Geometry,

Yearbook College Algebra & Trigonometry

Sociology Computer Literacy

Desktop Publishing Internet Literacy

Information Processing I & II Programming 1, 2, 3

Career Exploration & Preparation 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: Personal qualities that describe me:**

Education & Training

☐Communicate with different types of people ☐Friendly

☐Help others with their homework or to learn new things ☐Decision Maker

☐Go to school ☐Helpful

☐Direct and plan activities for others ☐Innovative/Inquisitive

☐Handle several responsibilities at once ☐Good Listener

☐Help people overcome their challenges

**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 Business Financial Management

Banking & Related Services Insurance Services

**Courses Offered in this Pathway**

English- Skills acquired in English are Spanish I - IV

considered important for all career paths Algebra I & II, Geometry, Pre-Calculus

Accounting I & II College Algebra & Trigonometry

Entrepreneurship & Marketing Computer Literacy

Desktop Publishing Internet Literacy

Information Processing I & II Programming 1, 2, 3

Career Exploration & Preparation Introduction to Business

Personal Finance Money & Power

Introduction to Law 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: Personal qualities that describe me:**

Finance

**□** Work with numbers □ Trustworthy

**□** Work to meet a deadline **□** Orderly

**□** Make predictions based on existing facts **□** Self-confident

**□** Have a framework of rules by which to operate **□** Logical

**□**Analyze financial information and interpret it to others **□** Methodical or efficient

**□** Handle money with accuracy and reliability

**□** Take pride in the way I dress and look

**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 Spanish I - IV

considered important for all career paths Algebra I & II

Accounting I & II Geometry

Money & Power Computer Literacy

Introduction to Law Internet Literacy

Career Exploration & Preparation

**Extra Curricular Organizations & Activities:**

**FFA National Honor Society Future Problem Solvers**

**Forensics Student Council**

# Do you have an interest in:

**Activities that describe what I like to do: Personal qualities that describe me:**

Government & Public Administrative

**□** Be involved with politics **□** Good communicator

**□** Negotiate, defend, and debate ideas and topics **□** Competitive

**□** Plan activities and work cooperatively with others **□** Service minded

**□** Work with details **□** Well organized

**□** Perform a variety of duties that may change often **□** Problem solver

**□** Analyze information and interpret it to others

**□** Travel and see things that are new to me

**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 Social Services Adminis.

Dean of Students Urban Planner Officer 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 Spanish I - IV

considered important for all career paths Algebra I & II, Geometry, Pre Calc, Calculus

Accounting I & II College Algebra & Trigonometry

Money & Power Computer Literacy

Introduction to Business Internet Literacy

Career Exploration & Preparation Health Occupations

Programming 1, 2, 3 Entrepreneurship & Marketing

Psychology Child Health & Safety

Introduction to Health Occupations Medical Terminology

Biology, A.P Biology Human Anatomy

Genetics

**Extra Curricular Organizations & Activities:**

**National Honor Society**

**Future Problem Solvers**

# Do you have an interest in:

**Activities that describe what I like to do: Personal qualities that describe me:**

Health Science

**□**Work under pressure **□**Compassionate and caring

**□**Help sick people and animals **□**Good at following directions

**□**Make decisions based on logic and information **□**Conscientious and careful

**□**Participate in health and science classes **□**Patient

**□**Respond quickly and calmly in emergencies **□**Good Listener

**□**Work as a member of a team

**□**Follow guidelines precisely and meet strict standards

Of accuracy

**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 Spanish I - IV

considered important for all career paths Algebra I & II, Geometry

Accounting I & II College Algebra & Trigonometry

Money & Power Computer Literacy

Introduction to Business Internet Literacy

Career Exploration & Preparation Information Processing I & II

Programming 1, 2, 3 Entrepreneurship & Marketing Desktop Publishing Personal Finance

Entrepreneurship & Marketing ProStart IA, IB, IIA, IIB

**Extra-Curricular Organizations & Activities:**

**Drama Culinary Arts Team**

**Yearbook Student Council**

**Newspaper Club Future Problem Solvers**

**Forensics**

# Do you have an interest in:

**Activities that describe what I like to do: Personal qualities that describe me:**

Hospitality & Tourism

**□**Investigate new places and activities **□**Tactful

**□**Work with all ages and types of people **□**Self-motivated

**□**Organize activities in which other people **□**Works well with others

enjoy themselves **□**Outgoing

**□**Have a flexible schedule **□**Slow to anger

**□**Help people make up their minds

**□**Communicate easily, tactfully, and courteously

**□**Learn about other cultures

**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 & Janitor

Cake Decorator Booth Cashier Hotel Clerk

Concierge Tour Guide Waiter/Waitress

Day Worker Usher Short Order Cook

Food Attendant Wardrobe & Dressing Restaurant Host/Hostess

Furniture Refinisher Room Attendant 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 Spanish I - IV

considered important for all career paths Algebra I & II, Geometry

Sociology College Algebra & Trigonometry Computer Literacy Personal Finance

Introduction to Business Internet Literacy

Career Exploration & Preparation Psychology

Child Development Child Health & Safety

Parenting Education Human Anatomy

Environmental Science

**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: Personal qualities that describe me:**

Human Services

**□**Care about people, their needs, and their problems **□** Good communicator/good listener

**□** Participate in community services and/or volunteering **□**Caring

**□**Listen to other people’s viewpoints **□**Non-materialistic

**□**Help people from preschool age to old age **□**Uses intuition and logic

**□**Work with people from preschool age to old age **□**Non-judgmental

**□**Think of new ways to do things

**□**Make friends with different kinds of people

**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*

Aerobic 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

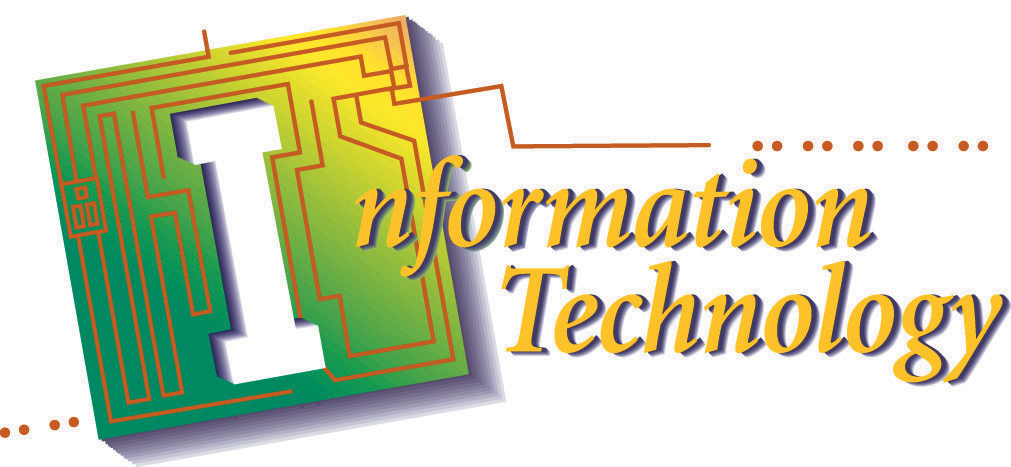
Investment Advisor School Counselor Career Counselor

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 Spanish I - IV

considered important for all career paths Algebra I & II, Geometry

Information Processing I & II Pre-Calculus Computer Literacy College Algebra & Trigonometry

Introduction to Business Internet Literacy

Career Exploration & Preparation Programming 1, 2, 3

Desktop Publishing

**Extra-Curricular Organizations & Activities:**

**Yearbook**

**Newspaper Club**

**Future Problem Solvers**

# Do you have an interest in:

**Activities that describe what I like to do: Personal qualities that describe me:**

Information Technology

**□**Work with computers **□**Logic/analytical thinker

**□**Reason clearly and logically to solve complex problems **□**See details in the big picture

**□**Use machines, techniques, and processes **□**Persistent

**□**Read technical materials and diagrams and solve **□**Good concentration skills

technical problems **□**Precise and accurate

**□**Adapt to change

**□**Play video games and figure out how they work

**□**Concentrate for long periods of time without

Being distracted

**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 Sound Manager

Computer Systems Analyst Tool Programmer

Recording Engineer Webmaster

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

*Colleges / Universities*

Animator Software Engineer Computer Programmer

Computer Engineer Webmaster Computer Security Specialist

Computer Network Coordinator Video Game Designer Information Scientist

Database Administrator Computer Systems Analyst Scientific & Engineering Programmer

Medical & Scientific Illustrator



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 Spanish I - IV

considered important for all career paths Algebra I & II, Geometry

Information Processing I & II Computer Literacy Programming 1, 2, 3 College Algebra & Trigonometry

Introduction to Law Internet Literacy

Career Exploration & Preparation Psychology

Sociology Chemistry

**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: Personal qualities that describe me:**

Law, Public safety, Corrections & Security

**□**Work under pressure or in the face of danger **□**Adventurous

**□**Make decisions based on my own observations **□**Dependable

**□**Interact with people □Community minded

□Be in a position of authority □Decisive

□Respect rules and regulations □Optimistic

**□**Debate and win arguments

□Observe and analyze people’s behavior

**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 Manufacturing Production Process Development

Maintenance, Installation & Repair Quality Assurance

Logistics & Inventory Control Health, Safety & Environmental Assurance

**Courses Offered in this Pathway**

English- Skills acquired in English are Spanish I - IV

considered important for all career paths Algebra I & II, Geometry

Accounting I & II Computer Literacy Programming 1, 2, 3 College Algebra & Trigonometry

Introduction to Business Internet Literacy

Career Exploration & Preparation Chemistry, A.P. Chemistry

Sewing 101 & 102 Welding

Manufacturing Mechanical Drawing I & II

Woodworking Research & Development

Chemistry Physics

**Extra-Curricular Organizations & Activities:**

**FFA**

**Future Problem Solvers**

# Do you have an interest in:

**Activities that describe what I like to do: Personal qualities that describe me:**

Manufacturing

**□**Work with my hands and learn that way **□** Practical

**□**Put things together □Observant

□Do routine, organized and accurate work □Physically active

□Perform activities that produce tangible results □Step-by-step thinker

□Apply math to work out solutions □Coordinated

□Use hand and power tools and operate

equipment / machinery

**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 Professional Sales & Marketing

Buying & Merchandising Marketing Communication & Promotion

Marketing Information Management & Research Distribution & Logistics

E-Marketing

**Courses Offered in this Pathway**

English- Skills acquired in English are Spanish I - IV

considered important for all career paths Algebra I & II, Geometry

Accounting I & II College Algebra & Trigonometry Programming 1, 2, 3 Computer Literacy

Introduction to Business Internet Literacy

Career Exploration & Preparation Money & Power

Programming 1, 2, 3 Introduction to Law

Entrepreneurship & Marketing Desktop Publishing

Info Processing I & II Personal Finance

Agribusiness & Leadership

**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: Personal qualities that describe me:**

Marketing, Sales & Service

**□** Shop and go to the mall **□** Enthusiastic

□ Be in charge □ Competitive

□ Make displays and promote ideas □ Creative

□ Give presentations and enjoy public speaking □ Self motivated

□ Persuade people to buy products or to participate □ Persuasive

in activities

**□** Communicate my ideas to other people

**□** Take advantage of opportunities to make

extra money

**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 Counter Clerk Street Vendor

Cashier Telemarketer Customer Service Representative

Classified Ad Clerk News Vendor Wedding Planner

CAREERS WITH CERTIFICATION/ASSOCIATION DEGREE

*Community college, technical college, apprenticeship, experience*

Advertising Layout Designer Auctioneer Buyer

Advertising Sales Representative Auto Salesperson Instrument Sales

Real Estate Agent

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

*Colleges / Universities*

Advertising Account Executive Public Relations Manager Insurance Agent

Advertising Manager Purchasing Agent Purchasing Manager

Business Agent Research Analyst Market Research Analyst

Marketing Manager Public Relations Practitioner 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 Spanish I - IV

considered important for all career paths Algebra I through Calculus

Accounting I & II College Algebra & Trigonometry Programming 1, 2, 3 Computer Literacy

Career Exploration & Preparation Internet Literacy

Exploring Technology Food Science

Genetics Chemistry, A.P. Chemistry

Physical Science Physics

Environmental Science Research & Development

Mechanical Drawing I & II Principles of Engineering Introduction to Engineering Design

**Extra-Curricular Organizations & Activities:**

**FFA**

**Chess Club**

**Future Problem Solvers**

# Do you have an interest in:

Science Technology, Engineering & Mathematics

**Activities that describe what I like to do: Personal qualities that describe me:**

**□** Interpret Formulas **□** Detail Oriented

**□** Find answers to questions **□** Inquisitive

**□** Work in a laboratory **□** Objective

**□** Figure out how things work and investigate **□** Methodical

new things **□** Mechanically inclined

**□** Explore new technology

**□** Experiment to find the best way to do something

**□** Pay attention to details and help things be precise

**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 Veterinary Technician Electronics Engineering Technician

Chemical Technician Mechanical Engineering Tech Nuclear Technician

Civil Engineering Technician Environmental Technician Petroleum Technician

Mathematical Technician Industrial Engineering Tech

BACHELORS, Pre-PROFESSIONAL or HIGHER DEGREE

*Colleges / Universities*

Aerospace Engineer Civil Engineer Mechanical Engineer

Architectural Engineer Computer Engineer Metallurgist

Anthropologist Electrical Engineer Mining Engineer

Archeologist Geologist Nuclear Engineer

Astronomer Industrial Engineer Physicist

Biomedical Engineer Mathematician Solar Engineer

Chemical 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 Logistics Planning & Management Operations

Warehousing & Distribution Center Operations Facility & Mobil Equipment Maintenance

Sales & Service Transportation Systems/Infrastructure Planning,

Management & Regulation

**Courses Offered in this Pathway**

English- Skills acquired in English are Spanish I - IV

considered important for all career paths Algebra I & II, Geometry

Accounting I & II College Algebra & Trigonometry Programming 1, 2, 3 Computer Literacy

Career Exploration & Preparation Internet Literacy

Introduction to Business Environmental Science

Agricultural Power Machines Technology

**Extra-Curricular Organizations & Activities:**

**FFA**

**Future Problem Solvers**

**Student Council**

# Do you have an interest in:

Transportation, Distribution & Lodgistics

**Activities that describe what I like to do: Personal qualities that describe me:**

**□** Travel □ Realistic

□ See well and have quick reflexes □ Mechanical

□ Solve mechanical problems □ Coordinated

□ Design efficient processes □ Observant

□ Anticipate needs and prepare to meet them □ Planner

□ Drive or ride

□Move things from one place to another

**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**

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| --- | --- | --- |
| **AGRI SCIENCE SURVEY**  **9 10 11 12 .5 credit**  **OFFERED: SEMESTER 1**  This survey class designed to introduce the high school student to the world of agriculture. On successful completion of this course, students will have and understanding of FFA and its role in agriculture education, understand parliamentary procedure, and identify various weeds and insects and know how to control them. The student will interpret soil test results and apply the right amount of fertilizers, understand wildlife management, and apply soil science knowledge by competing on a land judging team. The student will have an understanding of biotechnology, an understanding of raising poultry, and have an understanding of what is involved in egg production. Students will also know 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.  **AGRICULTURAL BUILDING CONSTRUCTION**  **11 12 .5 credit**  **OFFERED: SEMESTER 1**  Provide 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 Providing 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 class as well as grain based energy. |  | **AGRIBUSINESS AND LEADERSHIP**  **11 12 .5 credit**  **OFFERED: SEMESTER 1**  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 such issues as farm management through the use of SimFarm, how to use the commodity futures markers, 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 1**  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**

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| **WISCONSIN OUTDOORS**  **9 10 11 12 .5 credit**  **OFFERED: SEMESTER 2**  In this class the student will understand how we interact with the components of the environment, i.e. plants, animals, water, soil, air, minerals, and energy. On 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. |  | **HORTICULTURE AND LANDSCAPING**  **10 11 12 .5 credit**  **OFFERED: SEMESTER 2**  In one of the most rapid growth areas of agricultural, 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 his class students will be eligible for advance placement at all Wisconsin Technical College (excluding MATC) in the area of Plant Morphology and Physiology and Soil Science. |

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| **LARGE ANIMAL VETERINARY SCIENCE**  **10 11 12 .5 credit**  **OFFERED: SEMESTER 2**  This class is designed to introduce the high school student to the animal sciences related to "large" production animals. On 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 Veterinary Animal Science student will understand specialty animals such as ostriches and emus. Use of the school land laboratory will be incorporated into this class |  | **SMALL ANIMAL VETERINARY SCIENCE**  **11 12 .5 credit**  **OFFERED: SEMESTER 2**  With the transition of our population from rural to suburban and urban setting 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 to simulate operations in the classroom. The student will practice simple health care and pet grooming techniques. The student will also debate issues surrounding animals’ 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**

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| **ART FUNDAMENTALS**  **9 10 11 12 .5 credit**  **FEE: $5**  **OFFERED: SEMESTER 1 OR 2**  **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**  **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. |  | **PAINT I & II**  **10 11 12 .5 credit**  **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.  Paint II will be held during the Paint I class. Students will expand on skills learned in Paint I, but projects will be conducted on an independent basis.  **CERAMICS I & II**  **10 11 12 .5 credit**  **FEE: FREE RECYLED CLAY OR $10/#25 FOR NEW**  **PREREQUISTE: 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**

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| **ART STUDIO / INDEPENDENT STUDY**  **12 .5 credit**  **OFFERED SEMESTER 1 OR 2**  **SIGN UP DURING JUNIOR YEAR, SEE MRS. JONES 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**  **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**  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**  **PREREQUISITE : B IN PHOTOGRAHY 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**

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| **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 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**  **11 12 .5 credit**  **OFFERED: FALL SEMESTER**  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. Students who have successfully completed Introduction to Law (previously offered) may NOT take this course for credit.  MC900440035[1]  **INTRODUCTION TO PERSONAL LAW 2**  **11 12 .5 credit**  **OFFERED: SEMESTER 2**  **PREREQUISITE**: **INTRODUCTION TO LAW or**  **INTRODUCTION TO PERSONAL LAW 1**  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.  **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. |

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| **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. On 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**  **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 interest 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 school-supervised 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..** |

**BUSINESS DEPARTMENT**

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| **ACCOUNTING I**  **10 11 12 1 credit 3 BTC credits**  **OFFERED: FULL YEAR**  **PREREQUISITE: MINUMUM GRADE OF C IN ALGEBRA I**  Many jobs require accounting knowledge. Students will learn how different businesses record and keep financial information. Activities include recording transactions in journals, posting to ledgers, and completing reports and statements. In addition, students will use computer software to complete the work as it is usually done in the business today. At the end of second semester, students will complete work for their own business in an accounting simulation.  **MONEY AND POWER 2012-2013**  **11 12 .5 credit**  **OFFERED: SEMESTER**  Since most people seek money and power, it is important that students understand the increasing role that economics plays in improving the quality of our lives. As adults, life is filled with complicated economic decisions. By applying the basic principles of this course, students will make better choices:   * When purchasing goods and services * In investing and borrowing money * When using personal resources to make life-long decisions   Students will practice investigating the stock market and will follow their portfolio gain/loss through the Internet. Discover the impact of economics in our lives, the power and rewards of our free enterprise system. |  | **ACCOUNTING II**  **11 12 .5 credit 1 BTC credit**  **OFFERED: SEMESTER**  **PREREQUISITE: ACCOUNTING I (SOPHOMORE OR JUNIOR YEAR)**  This course covers more advanced accounting skills to prepare students for future employment. Students will learn accounting procedures and techniques used in solving business problems and making financial decisions. A simulation will be completed in which actual business checkbooks, journals, and general ledgers are used to complete the work for a business. |

**COMPUTER EDUCATION DEPARTMENT**

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| **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 APPLICATIONSMC900440035[1]**  **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 though 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 students 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 $373 fee plus cost of textbooks 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   **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++.** |

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| **ENGLISH DEPARTMENT** | | |
| **ENGLISH 9 OR ADVANCED ENGLISH 9**  **9 1 credit**  **OFFERED: FULL YEAR**  **PRE-REQUISITE: STUDENTS EARNING B+ OR BETTER 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: 1 SEMESTER**  This semester class is a required course for all sophomores. Students will advance their study in grammar, styles or 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: 1 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: 1 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.  **ANALYTICAL WRITING**  **10 11 .5 credit**  **OFFERED: ONE SEMESTER**  **PRE-REQUISITE: STUDENTS MUST EARN 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.  **AMERICAN NOVELS**  **10 11 .5 credit**  **OFFERED: 1 SEMESTER**  **PRE-REQUISITE: STUDENTS MUST EARN A “B+” 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 the AP Literature and Composition.  . |

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| **ENGLISH DEPARTMENT** | | |
| **COMPOSITION II**  **10 11 .5 credit**  **OFFERED: ONE SEMESTER**  **PREREQUISITE: COMP. 1**  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.  **LIFETIME WRITING**  **11 12 .5 credit**  **OFFERED: 1 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.  **ADVANCED PLACEMENT ENGLISH 12**  **12 1 credit**  **OFFERED: FULL YEAR (15-20 students)**  **PREREQUISITE: ADVANCED ENGLISH 11 WITH A MINIMUM GRADE OF B+ 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.  **AMERICAN LITERATURE**  **10 11 .5 credit**  **OFFERED: 1 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.  **CREATIVE WRITING- ELECTIVE CREDIT**  **9 10 11 12**  **OFFERED: SEMESTER 2**  **PREREQUISITE: MINIMUM GRADE OF C IN PREVIOUS**  **YEARS 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. |

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| **ENGLISH DEPARTMENT** | | |
| **WORLD OF IDEAS**  **10 11 12 .5 credit**  **OFFERED: ONE 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.  **YEARBOOK/NEWSPAPER PUBLISHING**  **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/Newspaper. For this class students will work collaboratively to design the two major publications that Parkview has to offer: The Viking and the Parkview Voice. From concept to implementation, students will work hand-in-hand with teachers to develop the best publications 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 both materials (advertising and sales), as well as design creative pages/layouts using Microsoft Publisher and Photoshop. While this challenge seems like a lot, the fulfillment of seeing your finished product lasts longer than your time. |  | **WORLD LITERATURE**  **11 12 .5 credit**  **OFFERED: ONE 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. |

**FAMILY AND CONSUMER SCIENCE DEPARTMENT**

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| **CHILD DEVELOPMENT (TC)**  **11 12 .5 credit**  **OFFERED SEMESTER 1**  Child Development follows the development of children from conception through 8 years. Students will study pre-natal development in the mother and child, birth, physical, emotional, intellectual, financial, and social development in children. Students care for “Baby Think It Over” during 2nd quarter. This course will continue second semester with CHILD HEALTH AND SAFTETY to investigate the world of child care and careers with children.  \*Students taking both CHILD DEVELOPMENT AND CHILD HEALTH AND SAFETY are eligible for State Certification as an Assistant Child Care Teacher and  Infant-Toddler Certification.  **FOODS IA - PRO-START IA**  **9 10 11 12 .5 credit**  **OFFERED: SEMESTER 1**  **FEE: $15.00**  This is the first class of four that is available for students to take in a sequence. The Pro-Start program is an educational program based through the National Restaurant Association to begin training for future employees in the Hospitality Career Cluster. Interested students have the opportunity to be a member of the Management First Team or the Culinary Team for state competition in Milwaukee. The class is also for the avid food taster, cooks, bakers, and cooking for pleasure. Basic preparation techniques, eggs, quick breads, cookies, pies, candy making, vegetables, and fruits will be studied. |  | **CHILD HEALTH AND SAFETY (TC)**  **11 12 .5 credit**  **PREREQUISITE: CHILD DEVELOPMENT IF SEEKING CHILD CARE STATE CERTIFICATION**  **OFFERED SEMESTER 2**    To continue your exploration on working with children, this course will enable you to have an overview of the roles and responsibilities of an assistant teacher in an early childhood classroom. This course will help you decide if working with young children is something you would like to do as a career. Students will develop their own daycare plan with lessons and crafts. A minimum of fifteen hours of experience with pre-school children in a public setting is required.  **PARENTING EDUCATION**  **9 10 11 12 .5 credit**  **OFFERED: SEMESTER 1**  Learn the demands of parenting as well as the rewards parenting has to offer. Strong emphasis will be presented on parenting skills, conception, pregnancy, prenatal development and care, and well-being of families. This class introduces moral character development and character, and ways parents can encourage this development in their children. The stage of parenting through the life span is also shown from new parents to grandparents.  **FOODS IB - PRO-START IB**  **9 10 11 12 .5 credit**  **OFFERED: SEMESTER 2**  **PREREQUISITE: FOODS IA**  **FEE: $15.00**  **PENDING FALL 2011**  The second course of the four series will focus on  safety and sanitation. Students have the opportunity to take the Serv-Safe exam that will enable them to obtain their certification to advance on the job market. The course will look at the chemical, biological, and physical contaminants in the food preparation/processing. Foods studied will be puddings, specialty cookies, pizza, pasta, special vegetable and fruit dishes, fruit pies etc. Students will develop a meal around the Mexican Cuisine. |

**FAMILY AND CONSUMER SCIENCE DEPARTMENT**

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| **FOODS IIA**  **10 11 12 .5 credit**  **OFFERED: SEMESTER 1**  **PREREQUISITES: FOODS IA,IB**  **FEE: $15.00**    **PENDING FALL 2011**  The third course of the four 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 2**  **FEE: $10.00**  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 of microorganizisms have on the food supply. Learn the benefits and drawbacks of the various methods of food preservation and packaging are discussed.  **SEWING**  **9 10 11 12 .5 credit**  **OFFERED: SEMESTER 2**  **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 skill’s test. |  | **FOODS IIB**  **10 11 12 .5 credit**  **OFFERED: SEMESTER 1**  **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**  **PREREQUISITE: INTRO TO HEALTH**  **OCCUPATIONS IS RECOMMENDED**    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. Class will make the most of guest speakers who utilize the terms in discussion.  **INTRODUCTION TO HEALTH OCCUPATIONS (AS)**  **10 11 12 .5 credit**  **OFFERED: SEMESTER 1**  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**

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| **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 AN 8TH GRADE CLASS AND RECOMMENDATION FROM TEACHER USING TESTSCORES WILL BE USED FOR CLASS PLACEMENT**

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| **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**

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| **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 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 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 MINUMUM GRADE OF “C-“ FOR BOTH SEMESTERS.**  **NOTE: STUDENTS MUST HAVE THEIR OWN SCIENTIFIC CALCULATORS. ALTHOUGH OPTIONAL, IT IS HIGHLY RECOMMENDED THAT YOU PURCHASE 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**

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| **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. |  | **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**

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| **SYMPHONIC BAND**  **9 10 11 12 1 credit**  **OFFERED: FULL YEAR**  **PEREQUISITE: 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 either semester of their freshman year.

Sophomores through Seniors are required to take a minimum of one (1) additional credit of Physical Education to meet

the graduation requirement of 1 ½ credits. **These students may only enroll in one PE class per semester unless approved by administration.**

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| **HEALTH**  **9 REQUIRED .5 credit**  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. |  | **PHYSICAL EDUCATION 9**  **9 .5 credit**  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 |
| **TEAM SPORTS**  **10 11 12 .5 credit**  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 1 OR 2**  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. |  | **INDIVIDUAL SPORTS**  **10 11 12 .5 credit**  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**  This course will have students design an individualized fitness plan and implementing 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**

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| **ADVANCED STRENGTH & CONDITIONING**  **10 11 12 .5 credit**  **OFFERED: SEMESTER 2**  **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 1**  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 1**  **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**

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| **SCIENCE 9**  **9 REQUIRED 1 credit**  **OFFERED: FULL YEAR**  Science 9 is a course in physical science, 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: such as sound, forces, motion, light, heat and electricity. Students will have many laboratory activities.  **BIOLOGY**  **10 REQUIRED 1 credit**  Biology is a one-year course concerned with the study of living things. There is an emphasis on learning by investigation. First semester topics are ecology, experimenting, cells, genetics, and bacteria. Second semester topics are classification, humans, and plants  **GENETICS**  **11 12 .5 credit**  **OFFERED; SEMESTER 1 OR 2**  **PREREQUISITE: MINIMUM GRADE OF “C” IN BIOLOGY BOTH SEMESTERS**  **FEE: $10.00**  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.  **ENVIRONMENTAL SCIENCE**  **11 12 .5 credit**  **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, 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. |  | **PHYSICS**  **11 12 1 credit**  **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.**  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 1 credit**  **OFFERED: FULL CREDIT**  **PREREQUISITES: MINIMUM GRADE OF “C” IN BIOLOGY FOR BOTH SEMESTERS**  **FEE: $10.00**  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.  **CHEMISTRY**  **11 12 1 credit**  **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.**  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. |

**SCIENCE DEPARTMENT**

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| **AP CHEMISTRY**  **12 1 credit**  **OFFERED: FULL YEAR**  **PREREQUISITE: MINIMUM GRADE OF “B” IN BOTH SEMESTERS OF CHEMISTRY I 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. |  | **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, Cellular respiration. Genetics: Statistical Analysis, Population Genetics, Evolution. Animals: Physiology, Circulatory System, Behavior, Dissolved Oxygen |

**SOCIAL STUDIES DEPARTMENT**

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| **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, and 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 will focus on basic chronology and major events and trends from approximately 1450, the High Renaissance, to the present. Cultural, diplomatic, economic, intellectual, political and social history will also be studied. In addition to providing a basic narrative of events and movements, to goals of the AP program in European history are to develop (1) an understanding of some of the principal themes in modern European history, (2) an ability to analyze historical evidence, and (3) an ability to analyze and to express historical understanding in writing.  **HISTORY THROUGH LITERATURE**  **10 11 12 1 credit**  **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. |

**SOCIAL STUDIES DEPARTMENT**

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| **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 readings assignments and participate on a daily basis. |  |  |

**TECHNOLOGY EDUCATION DEPARTMENT**

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| **MECHANICAL DRAWING I (AS)**  **9 10 11 12 .5 credit**  **OFFERED: SEMESTER 1 OR 2**    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**  **OFFERED 2014 – 2015 SCHOOL YEAR**  **9 10 11 12 1 credit**  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 1**  Provide 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 Providing 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 engineering students |  | **WOODWORKING**  **9 10 11 12 .5 credit**  **OFFERED: SEMESTER 1 OR 2**  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**  **MC900440035[1]**  **9 10 11 12 1 credit**  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**

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| **EXPLORING TECHNOLOGY**  **9 10 11 12 .5 credit**  **OFFERED: SEMESTER 1**  **PREREQUISITE: MECHANICAL DRAWING I**  This is an introduction 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 1 OR 2**  **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.  **MECHANICAL DRAWING II (AS)**  **10 11 12 .5 credit**  **OFFERED: SEMESTER 2**  **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.*** |  | **RESEARCH AND DEVELOPMENT**  **9 10 11 12 .5 credit**  **OFFERED: SECOND 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 1 0R 2**  **PREREQUISITE: MECHANICAL DRAWING 1**  **OFFERED: SEMESTER**  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**

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| **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 1 OR 2**  **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 |

**REGISTRATION**

**2013 – 2014**

Name:

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| **FRESHMAN** | | |
| **PD** | **SEMESTER ONE** | **SEMESTER TWO** |
| 1 | ENGLISH 9 or ADVANCED ENGLISH 9 | ENGLISH 9 or ADVANCED ENGLISH 9 |
| 2 | SCIENCE 9 | SCIENCE 9 |
| 3 | MODERN US HISTORY | MODERN US HISTORY |
| 4 | MATH: | MATH: |
| 5 | PHY ED 9 (either semester one or two, not both) | HEALTH (either semester one or two, not both) |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |

**\*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.

**REGISTRATION**

**2013 – 2014**

**Name:**

|  |  |  |
| --- | --- | --- |
| **SOPHOMORE** | | |
| **PD** | **SEMESTER ONE** | **SEMESTER TWO** |
| 1 | MYSTERY AND BEYOND or SOCIETY FICTION | COMPOSITION I (Required Sophomore Year) |
| 2 | BIOLOGY | BIOLOGY |
| 3 | MATH: | MATH: |
| 4 | WORLD HISTORY | WORLD HISTORY |
| 5 | PHY ED | PHY ED |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |

**\*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.

**REGISTRATION**

**2013 – 2014**

**Name:**

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

**\*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.

**REGISTRATION**

**2013 – 2014**

**Name:**

|  |  |  |
| --- | --- | --- |
| **SENIOR** | | |
| **PD** | **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 |  |  |

**\*Alternate Course Choices: (3 Minimum Required)**

1.

2.

3.

**Parent Signature Required:**