

Table of Contents

Introduction	2
Arts and Communication Pathway.....	3
Business, Management, Marketing and Technology Pathway.....	4
Engineering/Manufacturing and Industrial Technology Pathway.....	6
Health Sciences Pathway.....	7
Human Services Pathway.....	8
Natural Resources and Agriscience Pathway.....	9
Curriculum Guide and Course Descriptions.....	10
Registration Handbook.....	11
Graduation Requirements.....	12
General Information.....	14
Course Offerings.....	16
Course Descriptions.....	17
Extra-Curricular Activities.....	35

Career Preparation

Career preparation is a coordinated process throughout the St. Charles Community Schools system. Career exploration, job shadowing, aptitude and career interest surveys, guest speakers and career seminars, will provide students with an opportunity to investigate career choices and to identify their interests and abilities. The purpose of career preparation is to provide students with the necessary academic planning that will ultimately lead to success in a career(s) of their choice.

Career Pathways

Career pathways provide a framework that organizes careers into six career categories. Each pathway is a grouping of careers that have similar characteristics and employment requirements. Career pathways allow all students to create an education plan based on their career interests and aptitudes. As student's interests and aptitudes change they may also choose a different pathway and modify their education plan as necessary. Career planning is referred to as an Educational Development Plan or EDP. EDP's are one component of a student's portfolio and will be stored in the career center.

Purpose of Career Pathways Course Selection Guide

The course selection guide will assist student in selecting courses that are aligned to their chosen pathway. Once you have selected your career pathway, refer to the appropriate section of the course selection guide to determine which courses to take.



Arts and Communication

Arts and Communication:

Careers in this path are related to humanities and performing, visual, literary and media arts. These include architecture; graphic, interior, and fashion design; writing; film; fine arts; journalism; languages; media; advertising; and public relations.

Is this Career Path for you?

- Are you a creative thinker?
- Are you imaginative, innovative and original?
- Do you like to communicate ideas?
- Do you like making crafts?
- Do you like to draw?
- Do you like playing a musical instrument?
- Do you like taking photographs or writing stories?

This may be the career path for you!

Career Categories include:

Advertising and Public Relations
Creative Writing
Film Production
Foreign Languages
Journalism
Radio and TV Broadcasting

Sample Careers and the Levels of Education Required

Public Relations Executive – *Undergraduate Degree*
Dancer – *High School Diploma*
Film Producer – *1 to 2 Years Past High School*
Fashion Designer - *Undergraduate Degree*
Journalist - *Undergraduate Degree*
Radio and TV Broadcaster - *1 to 2 Years Past High School*

Elective courses strongly recommended for the Arts and Communication Pathway are the Business, Music and Art classes



Business, Management, Marketing and Technology

Business, Management, Marketing and Technology:

Careers in this path are related to the business environment. These include entrepreneurship, sales, marketing, computer/information systems, finance, accounting, personnel, economics and management.

Is this Career Path for you?

- Do you enjoy being a leader, organizing people, planning activities and talking?
- Do you like to work with numbers or ideas?
- Do you enjoy carrying through with an idea and seeing the end product?
- Do you like things neat and orderly?
- Would you enjoy balancing a checkbook, or following the stock market?
- Would you enjoy holding an office in a club or surfing the Internet?

This may be your career path!

Career Categories include:

Accounting	Marketing
Office Administration	Sales
Entrepreneurship	Finance
Hospitality/Tourism	Personnel
Management	Economics
Computer/Information Systems	

Sample Careers and the Levels of Education Required

Loan Officer – *Undergraduate Degree*
Economist – *Undergraduate Degree*
Legal Secretary – *1 to 2 Years Past High School*
Hotel Manager - *1 to 2 Years Past High School*
Office Manager - *1 to 2 Years Past High School*
Computer Programmer - *1 to 2 Years Past High School*
Salesperson – *High School Diploma*
Travel Agent - *1 to 2 Years Past High School*

Elective courses strongly recommended for the Business, Management, Marketing and Technology Pathway are the Business classes.

CTE State Certified Business Program

Courses in the program: **Accounting I**
 Management – focusing on Communications
 Management – focusing on Finance

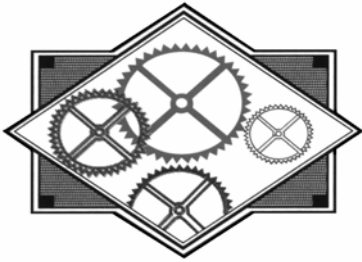
Definition of Program Completer:

The enrolled students will be in the 11th or 12th grade. This two-year program will meet the requirements of an entry-level job in the area of Finance. The student will be counted only at the end of the second year.

1. The program completer will complete a sequence of the following courses: Accounting, Management-focusing on Communications and Management-focusing on Finance.
2. The Grade Point Average of the program completer for this sequence of courses will be a 2.0 or better.
3. The program completer is ready to be successful in further postsecondary coursework and/or training related to Finance and Financial Management Services
4. The program completer is ready to be successful based on the student's participation in the three courses of study as identified above.

BENEFITS OF ENROLLING IN THE PROGRAM:

1. A total of **7 FREE college credits**.
2. A sound understanding of business and the knowledge to be successful at an entry level business position.
3. State funding will be granted to the school to improve and enhance the program.



Engineering/ Manufacturing And Industrial Technology

Engineering/Manufacturing and Industrial Technology:

Careers in this path are related to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, construction, service and related technologies.

Is this Career Path for you?

- Are you mechanically inclined and practical?
- Do you like reading diagrams and blueprints, and drawing structures?
- Are you curious about how things work?
- Would you enjoy painting a house or repairing cars?
- Would you enjoy wiring electrical circuits or woodworking?

This may be the career path for you!

Career Categories include:

Architecture	Construction
Precision Production	Drafting
Manufacturing Technology	Mechanics and Repair
Engineering and Related Technologies	

Sample Careers and the Levels of Education Required

Architect – *Graduate Degree*
Plumber – *1 to 2 Years Past High School*
Electrician – *1 to 2 Years Past High School*
Air Traffic Controller - *1 to 2 Years Past High School*
Auto Mechanic - *1 to 2 Years Past High School*
Chemical Engineer - *Undergraduate Degree*
Draftsman – *1 to 2 Years Past High School*
Surveyor - *1 to 2 Years Past High School*
Geographer - *Undergraduate Degree*

Elective courses strongly recommended for the Engineering/Manufacturing and Industrial Technology Pathway are the Business and Industrial Technology classes



Health Sciences

Health Sciences Pathway:

Careers in this path are related to the promotion of health and treatment of disease. These include research, prevention, treatment and related health technologies.

Is this Career Path for you?

- Do you like to care for people or animals that are sick or help them stay well?
- Are you interested in diseases and in how the body works?
- Do you enjoy reading about science and medicine?
- Would it be fun to learn first aid, volunteer at a hospital or veterinary clinic?

This may be the career path for you!

Career Categories include:

Dentistry
Hygiene
Nursing

Nutrition and Fitness
Therapy and Rehabilitation

Sample Careers and the Levels of Education Required

Dentist – *Graduate Degree*
Dental Hygienist – *1 to 2 Years Past High School*
Doctor – *Graduate Degree*
Veterinary Technician - *1 to 2 Years Past High School*
Respiratory Therapist - *1 to 2 Years Past High School*
Physical Therapist - *Undergraduate Degree*

Elective courses strongly recommended for the Health Sciences Pathway are the Science, Math and Physical Education classes.



Human Services

Human Services:

Careers in this path are related to economic, political and social systems. These include education, government, law and law enforcement, leisure and recreation, military, religion, childcare, social services and personal services.

Is this Career Path for you?

- Are you friendly, open, understanding and cooperative?
- Do you like to work with people to solve problems?
- Is it important to you to do something that makes things better for other people?
- Do you like to help friends with family problems?
- Do you like reading, storytelling, traveling or tutoring young children?

This could be your career path!

Career Categories include:

Education	Social Services
Child and Family Services	Cosmetologist
Food and Beverage Services	Law Enforcement
Law and Legal Studies	

Sample Careers and the Levels of Education Required

Chef – *1 to 2 Years Past High School*

Teacher – *Undergraduate Degree*

Lawyer – *Graduate Degree*

Police Detective - *1 to 2 Years Past High School*

Cosmetologist - *1 to 2 Years Past High School*

Social Worker - *Undergraduate Degree*

Librarian – *Graduate Degree*

Firefighter - *1 to 2 Years Past High School*

Elective courses strongly recommended for the Human Services Pathway are the Business, Psychology and Physical Education classes.



Natural Resources And Agriscience

Natural Resources and Agriscience:

Careers in this path are related to agriculture, the environment and natural resources. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture and wildlife.

Is this Career Path for you?

- Are you a nature lover?
- Are you practical, curious about the physical world?
- Are you interested in plants and animals?
- Do you enjoy hunting or fishing?
- Do you like to garden or mow the lawn?
- Are you interested in protecting the environment?

This could be your career path!

Career Categories include:

Agriculture	Wildlife Management
Animal Health Care	Horticulture
Earth Sciences	Forestry
Environmental Services	Life Sciences
Fisheries Management	

Sample Careers and the Levels of Education Required

Farmer – *1 to 2 Years Past High School*
Oceanographer – *Undergraduate Degree*
Landscape – *High School Diploma*
Marine Biologist - *Graduate Degree*
Conservation Agent - *Undergraduate Degree*
Chemist - *Undergraduate Degree*
Physicist - *Graduate Degree*
Forester - *Undergraduate Degree*

Elective courses strongly recommended for the Natural Resources and Agriscience Pathway are the Science and Career Development classes.

**Curriculum
Guide

and

Course
Descriptions

2007 - 2008**

REGISTRATION HANDBOOK

The purpose of this handbook is to guide you in your selection of classes for next year. You will find a brief description of what is included in each course. Be sure you check to determine what courses are required to take for graduation.

IT IS ESSENTIAL THAT YOUR CHOICES BE GIVEN CAREFUL CONSIDERATION, BECAUSE ONCE YOU HAVE MADE THOSE CHOICES IT WILL BE VERY DIFFICULT TO MAKE CHANGES.

We will determine what courses will be offered on the basis of interest shown. Unless there are conflicts in scheduling, you will be required to take the classes you chose. Your teacher(s), counselor(s) and parents will assist you in making decisions as to what course will best suit your abilities and interests for the maximum development of your future.

A student must select six classes and two alternates when planning a schedule for the following year. The reason for selecting two alternates is that sometimes a course is canceled due to insufficient enrollment; also, conflicts arise when a student selects two subjects that are taught the same period, thereby making it impossible to take both courses.

You may only choose courses offered at your grade level unless you have the written permission of the teacher teaching a specific course.

There is a "one-week drop-add" period at the beginning of each semester if a student wishes to alter his schedule. A written note signed by a parent/guardian may be required for "drop-add" of a courses.

NOTE: Full-year classes are intended to be taken both semesters and RARELY will a student be allowed to drop a full-year class.

GRADUATION REQUIREMENTS

22 CREDITS ARE REQUIRED FOR GRADUATION

Areas of Study	Units Required
Language Arts	4
9 th Grade - English 2 (1 Credit)	
10 th Grade – English 3	
11 th Grade – English 4	
12 TH Grade – English Elective 5	
Social Studies	3
10 th Grade – Social Studies I/U.S. History(1 Cr)	
11 th Grade – Social Studies II/Government/Economics (1 Cr)	
12 th Grade – Social Studies Elective (1 Cr.)	
Science	3
9 th Grade - Biology (1 Cr)	
10 th Grade – Physical Science (1 Cr)	
One credit in either Chemistry or Physics	
Mathematics	4
Class of 2011 must include Algebra I, Geometry and Algebra II	
(Class of 2010 must include Algebra 1 and Geometry – only 3 credits required)	
(Class of 2009, 2008 – 2 credits required and must include Algebra or Geometry)	
(*The Completion of Algebra A <u>and</u> Algebra B is equivalent to the Algebra 1 requirement)	
Physical Education	1/2
(Band <u>will not</u> fulfill the requirement of Physical Education)	
Health	1/2
Computer Literacy	1/2
Career Development (Taken in 9 th grade)	1/2
Visual/Performing/Applied Arts	1

High School Course Framework

Freshman Courses Required for Graduation

- English 1 or English 2 (1 credit)
- Algebra I, Algebra A or Geometry (1 credit)
- Biology (1 credit)
- Computer Literacy I (1/2 credit)
- Career Development (1/2 credit)
- **Physical Education 9 (1/2 credit)
- Health (1/2 credit)
- One credit from the following:
 - Pathway Courses (Provides necessary content to achieve career goal.)
 - Enrichment Electives (Provide enrichment content to achieve career goal.)

Sophomore Courses Required for Graduation

- English 2 or English 3 (1 credit)
- Geometry, Algebra B or Algebra I I (1 credit)
- Physical Science (1 credit)
- Social Studies I (1 credit)
- Two credits from the following:
 - Pathway Courses
 - Enrichment Electives

Junior Courses Required for Graduation

- English 3 or English elective (1 credit)
- Social Studies II (1 credit)
- *Geometry, Algebra II, or Trig/PreCalc
- *Chemistry or Physics
- ***Foreign Language
- Four credits from the following:
 - Pathway Courses
 - Enrichment Electives

Senior Courses Required for Graduation

- English Elective (1 credit)
- Social Studies - 1 credit – Choose from the following:
 - Psychology (1 credit)
 - Current Events (1 credit)
 - World Studies (1 credit)
- *Math
- *Science
- ***Foreign Language
- Four credits from the following:
 - Pathway Courses
 - Enrichment Electives

*Required for university admission in addition to high school requirements.

** May be taken any time 9 – 12

*** May be required for university admission in addition to high school requirements.

GENERAL INFORMATION

CLASS STATUS

A student's class status---freshman, sophomore, junior or senior---is determined by the number of credits earned and not by the number of years of high school attendance. All students enrolling in high school from the eighth grade are considered freshmen. A student must have earned all six credits to become a sophomore; eleven credits to become a junior; and sixteen credits to become a senior. A student should earn six credits per year. Therefore, by successfully passing all courses, a student will have earned six credits at the end of the freshman year, twelve credits at the end of the sophomore year, eighteen at the end of the junior year and twenty-four by the completion of the senior year.

COLLEGE PREPARATION

Students planning to enter college should include about 15 academic units in grades nine through twelve from the following disciplines:

- English
- Mathematics
- Social Studies
- Science
- Foreign Language
- Computer Science

The academic units are not only expected by colleges for admissions, but enable the student to be better prepared for taking the college entrance tests such as the American College Test (ACT) or Scholastic Aptitude Test (SAT). Students who take the more difficult courses usually score higher on these tests than someone who does not follow a strong college preparatory program of courses.

COLLEGE ADMISSIONS TESTING AND STATE SCHOLARSHIP

The American College Test (ACT) is regularly recommended to be taken by students who plan to enter one of the many Michigan Colleges/Universities. This test is also being used as the required exam that the Michigan Department of Education and the Michigan Promise Scholarship program use to determine scholarship aid. The ACT will be taken by all juniors in March or April as a part of the Michigan Merit exam testing. Seniors may retake the ACT in October of the senior year. Registration forms generally must be completed about a month before the actual test date.

The state universities of Michigan, through the Presidents Council, recently adopted a policy statement which specifies minimum requirements for regular admission for students graduating in 1995 and thereafter. The specific course requirements are as follows: English (four years); mathematics (four years); biological/physical/chemical sciences (three years); history and social sciences (three years).

In the recommendations area, three years of a foreign language are strongly *recommended* and two years of coursework in the fine and performing arts are strongly recommended. Additionally, students are strongly encouraged to gain facility in using computers.

In establishing this new standard, the universities recognize that, for a variety of reasons, students may not be able to complete all of the requirements. In such instances, students may still be considered for regular admissions and are, therefore, encouraged to apply to the university of their choice.

MICHIGAN PROMISE

The Michigan Promise scholarship gives every student the opportunity to receive up to \$4000 toward their college expenses. Students who score well on the MME will be eligible for \$1000 each of their first two years in college with the remaining \$2000 awarded after successful completion of the first two years of college. Students may use the scholarship to attend any two or four year post-secondary school in Michigan (public or private, college, university or a wide selection of technical training programs). Students who do not score well on the MME will be eligible to receive the full \$4000 scholarship after successfully completing two years of post-secondary schooling. The scholarship award of \$4000 is up from the previous awards with the Merit scholarship of \$2,500 for performance on the high school assessment. Additional dollars granted for middle school performance under the former Merit scholarship no longer apply.

REQUIRED COURSE FAILURE

A required course that has been failed during the school year should be re-taken the following year/semester or taken through summer/correspondence school. Students and parents are encouraged to consult with the high school counselor to discuss the available alternatives.

CREDIT DEFICIENCY

Students failing more than 2 credits are deficient in credits and should consider summer or correspondence school to make-up credits. Students and parents are encouraged to consult with the high school counselor to discuss the available alternatives.

Any senior who has credit deficiencies and has not satisfied the requirements for a diploma will have his name removed from the graduation list and will not be entitled to participate in the activities of graduation week. The high school counselor will monitor all borderline situations during the final semester and will inform any senior well in advance who might be affected. However, it should be each senior's responsibility to be aware of their academic standing prior to being informed.

COURSE OFFERINGS

BUSINESS

Class Name	Credit	Grades
Bus I	½ Cr	10-12
Career Dev.	½ Cr	9-12
Accounting I	1 Cr	11-12
Accounting II	1 Cr	11-12
Computer Lit I	½ Cr	9-12
Computer Lit II	½ Cr	10-12
Computer Lit III	½ Cr	11-12
Mgmt-focusing on Finance	½ Cr	11-12
Marketing	½ Cr.	10-12

MUSIC

Band (Symphonic & Marching)	1 Cr	9-12
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ART

Art I	½ Cr	9-12
Art II	½ Cr	9-12
Drawing I	½ Cr	10-12
Ceramics & Sculpture	½ Cr	10-12

FOREIGN LANGUAGE

French I (see Saginet)	1 Cr	10-12
French II (See Saginet)	1 Cr	10-12
Spanish I	1 Cr	9-12
Spanish II	1 Cr	10-12
Spanish III	1 Cr	11-12
Spanish IV	1 Cr	11-12

HOME ECONOMICS

Life Mgmt Skls	½ Cr	10-12
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INDUSTRIAL TECHNOLOGY

Construction Careers	1 Cr	9-12
Drafting I	1 Cr	9-12
Drafting II, Cad I	1 Cr	10-12
Drafting III	1 Cr	11-12
Drafting IV	1 Cr	12
Arch Draft I	1 Cr	11-12
Arch Draft II	1 Cr	12

LANGUAGE ARTS/ENGLISH

English 1	1 Cr	9
English 2	1 Cr	9 - 10
English 3	1 Cr	10
English 4	1 Cr	11-12
English 5	1 Cr	11-12
English Recovery	½ Cr	10-11
Publication	1 Cr	11-12
Young Adult Lit.	½ Cr	11-12

World Literature	½ Cr	11-12
Intro to Ethics	½ Cr	11-12
Intro to Philosophy	½ Cr	11-12
CreatWrit/Sht Story	½ Cr	11-12
American Lit.	½ Cr	11-12
CreatWrit/Poetry	½ Cr	11-12
Honors English	1 Cr	12
Mgmt-focusing on Communications	½ Cr	11-12

MATHEMATICS

Algebra I	1 Cr	9-12
Algebra A	1 Cr	9
Algebra B	1 Cr	10
Algebra II	1 Cr	10-12
Geometry	1 Cr	9-12
Applied Math	1 Cr	11-12
Trig & Pre Calc.	1 Cr	11-12
Calculus	1 Cr	12

PHYSICAL EDUCATION

Phys Ed 9	½ Cr	9
Adv. Phys Ed.	1 Cr	10-12
Health	½ Cr	9

SCIENCE

Anatomy (See Saginet)	1 Cr	10-12
Biology	1 Cr	9
Physical Science	1 Cr	10
Adv. Biology	1 Cr	10-12
Chemistry	1 Cr	11-12
Chemistry II	1 Cr	12
Physics	1 Cr	11-12
Forensics A/B	½ Cr each	10, 11, 12

SOCIAL STUDIES

Current Event	1 Cr	11, 12
Psychology	1 Cr	11-12
Psychology II	1 Cr	12
World Studies A/B	½ Cr	11/12
Soc.Stdy I	1 Cr	10
Soc.Stdy II	1 Cr	11

OTHERS

Work Exper (Co-op)	1-2 Cr	12
Saginet	1 Cr	10-12
Dual Enroll	½ Cr	11-12
SCC Programs	3 Cr	11-12
Correspondence	½ -1 Cr	9-12
Mich Virtual H.S.	1 Cr	11-12

COURSE DESCRIPTION

NAME OF CLASS: **ACCOUNTING I**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT – Delta College Credit (Acct 111)
TYPE OF CREDIT: BUSINESS

This course is aimed at introducing students to accounting procedures and preparing them with job-entry skills. Career objectives include (1) Beginning vocational preparation for careers in accounting (2) Accounting knowledge and skill needed for careers in related business fields (3) a foundation on which to continue studying business and accounting at the college level.

NAME OF CLASS: **ACCOUNTING II**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: ACCOUNTING I
CREDIT: 1 CREDIT
TYPE OF CREDIT: BUSINESS

Advanced accounting is directed toward those students entering the accounting field or any business career. Advanced accounting retains the spiral approach to learning. New topics are presented that build on previous knowledge working from the simple to the complex.

NAME OF CLASS: **ADVANCED BIOLOGY**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: Biology
CREDIT: 1 CREDIT
TYPE OF CREDIT: SCIENCE

This is a second year biology course designed to cover advanced topics for students who are interested in pursuing a science education after high school. The main topics covered include environmental studies, human genetics, basic biochemistry, human disease and epidemiology, and the history of scientific discoveries. Students are required to read the novels *Silent Spring* and *The Hot Zone* during the course of the year, as well as numerous scientific publications and press articles. Students will complete individual research projects related to the course material.

NAME OF CLASS: **ADVANCED PHYSICAL EDUCATION**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: PHYSICAL EDUCATION

This full-year class will include fitness and weight training. The main focus is to increase strength, cardiovascular fitness, flexibility and improve athletic performance in given sports and everyday living. May be taken one time unless cleared with instructor.

NAME OF CLASS: **ALGEBRA I**
GRADE LEVEL: 9, 10, 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: MATH

This full-year course in algebra will provide opportunities for students to understand both its structure and its applicability to solving real-world problems. Students will use algebra as a tool for analyzing, describing, and applying mathematical relationships; and for modeling problems that come from across the curriculum, the workplace, and life.

NAME OF CLASS: **ALGEBRA II**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: Algebra I and Strongly Recommend: Geometry
CREDIT: 1 CREDIT
TYPE OF CREDIT: MATH

This is a full year course designed for students who have completed Algebra I, and elect to gain more knowledge in this branch of mathematics. This course will include a review of the topics covered in Algebra I plus additional topics such as: rational expressions, polynomials, functions and linear systems of equations, including emphasis on problem-solving and college preparatory test problems. Prerequisites: Algebra I

NAME OF CLASS **ALGEBRA A**
Grade Level: 9
Length of class: 1 year
Prerequisite: None
Credit: 1 credit
Type of credit: Math

Algebra A is a full year course which will cover the first half of Algebra I. This course is designed for 9th grade students who are not ready for the fast pace of Algebra I. Time will be spent on the review of basic operations, but the main emphasis of the class will be on the manipulation of algebraic expressions and the study of linear equations. It is expected that after successful completion of Algebra A, a student will take Algebra B to acquire the remaining Algebra I material.

NAME OF CLASS: **ALGEBRA B**
Grade Level: 10
Length of class: 1 year
Prerequisite: Successful completion of Algebra A
Credit: 1 credit
Type of credit: Math

Algebra B is a full year course which covers the second half of Algebra I. This course is designed to follow Algebra A and combine to acquire completion of the high school Algebra I requirement. Time will be spent on studying mathematical patterns and relationships by broadening the study of linear relationships begun in Algebra A and introducing exponential and quadratic function families.

NAME OF CLASS: **AMERICAN LITERATURE**
GRADE LEVEL: 11 OR 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: English 3 or instructor approval
CREDIT: ½ Credit
TYPE OF CREDIT: English

This class will examine the literature of the United States of America. Major authors and trends will be studied through short stories and novels. Students will demonstrate learning and knowledge through discussion, short and extended writings, group discussions, presentations and projects.

NAME OF CLASS: **ANATOMY (SEE SAGINET)**

NAME OF CLASS: **APPLIED MATH A & B**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: ALGEBRA I AND GEOMETRY
CREDIT: 1 CREDIT
TYPE OF CREDIT: MATH

This course revisits a variety of math skills utilizing a practical approach. Objectives are presented using everyday life scenarios with the goal of enhancing math skills as well as fostering a positive attitude towards math. Mastery of basic math concepts and good reading comprehension are beneficial.

NAME OF CLASS: **ARCHITECTURAL DRAFTING I**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: INDUSTRIAL TECHNOLOGY

This full-year course is open to juniors and seniors who are interested in learning about architectural procedures of today. Students will gain a basic understanding and knowledge while drawing floor plans, elevations, details, site plans, and foundations. Areas of specialized drawing will include kitchen plans, living areas, service area, sleeping areas and floor plans.

NAME OF CLASS: **ARCHITECTURAL DRAFTING II**
GRADE LEVEL: 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: ARCHITECTURAL DRAFTING I
CREDIT: 1 CREDIT
TYPE OF CREDIT: INDUSTRIAL TECHNOLOGY

This full-year class is open only to 12th grade students. Its general focus will be based on residential home design and presentation. Areas of concentration will include exterior elevations, stairs, fireplaces and chimney construction. Models may also be introduced. If the student has had Drafting II, Cad will be used as a means of drawing presentation.

NAME OF CLASS: **ART I**
GRADE LEVEL: 9, 10, 11, 12
LENGTH OF CLASS: 1/2 YEAR
PREREQUISITE: NONE
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: ART

A one-semester course for students interested in the basics of art. This course is aimed at freshmen and sophomore students and is a prerequisite for all other art classes. The elements and principles of design, composition and color theory will be introduced. Students will work with a variety of tools and will explore a variety of activities such as drawing and painting, collage, ceramics, lettering and print-making.

NAME OF CLASS: **ART II**
GRADE LEVEL: 9-12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: Art I
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: ART

This is the second part of Art I. The elements and principles of design, composition and color theory will be further expanded while working with a variety of tools. Advanced techniques of drawing, painting, collage, ceramics, lettering and print-making will be covered. A student may enter Art II without Art I with approval of the teacher.

NAME OF CLASS: **BAND** (SYMPHONIC AND MARCHING BAND)
GRADE LEVEL: 9, 10, 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: Willingness to learn and play an instrument in a large group. Should have played previously have a strong work ethic & willing to work after school. Have permission of Director.
CREDIT: 1 CREDIT
TYPE OF CREDIT: MUSIC

Designed for advanced students in grades 8-12. Students in grade 8 must have permission of Conductor. **Required activities** will include Marching Band (Football games, Parades in various parts of the country including St. Charles) and Marching Band Camp in July/August, Concerts (3-4 per year), MSBOA Band Festival (1 Saturday in March, PEP Band and Sectionals, helping Middle School students by tutoring. Students will be asked to participate in fund-raisers. One major trip per year is the goal. Students in this Band are also allowed to audition for the State/Jazz Ensemble – which performs at the Winter Ball – practices are after school.

NAME OF CLASS: **BIOLOGY**
GRADE LEVEL: 9
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: SCIENCE

This is a required course for all 9th grade students. This course will emphasize "hands-on" lab activities and use of current technology, covering core Michigan goals and objectives. Topics covered include Ecology, genetics, evolution and cell biology, among others.

NAME OF CLASS: **BUSINESS I**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: NONE
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: BUSINESS

This course relates business and economic concepts to our daily lives. The following areas will be covered: insurance, credit, budgeting, banking, income and taxes. The material covered will allow a student to become competent in managing business and personal affairs.

NAME OF CLASS: **CALCULUS**
GRADE LEVEL: 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: TRIGONOMETRY & PRE-CALCULUS
CREDIT: 1 CREDIT
TYPE OF CREDIT: MATH

Calculus is designed for college-bound students who are capable of abstract thinking and mathematical proofs. Students must have a solid foundation in algebra and geometry as well as familiarity with trigonometric functions. They must be able to graph second degree equations and use a scientific calculator. The course will address elementary functions, differential calculus and integral calculus. Calculus will provide a foundation for topics in physics, chemistry, engineering and business (economics and marketing).

NAME OF CLASS: **CAREER DEVELOPMENT**
GRADE LEVEL: 9, 10, 11, 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: NONE
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: BUSINESS

Career Development is a course designed to allow students to do self assessments related to interests and skills. Students will do in-depth research and exploration regarding careers. Letters of Application, Resumes and Interviewing will be covered in the class. Students will match aptitudes and lifestyle goals to career areas to do effective career planning.

NAME OF CLASS: **CERAMICS AND SCULPTURE**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: Art 1
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: ART

A one-semester course which emphasizes work with clay. The ceramic portions will include the basic techniques of coil, slab, pinch methods (with combinations). The methods of glazing and firing the clay objects will be introduced along with functional and non-functional pottery forms. Other sculpture techniques may include work with paper mache, plaster and collage. Those not having Art I or Art II may enter with approval of teacher.

NAME OF CLASS: **CHEMISTRY**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: Physical Science and Algebra I
CREDIT: 1 CREDIT
TYPE OF CREDIT: SCIENCE

Chemistry is the study of matter and energy and the changes they undergo. The course will cover forms of energy, energy transfer and conservation, properties of matter, and changes in matter. Students will learn about chemical bonds, entropy, enthalpy, nuclear stability, chemical formulas, states of matter, mole concept, electron energy levels, balancing equations, equilibrium, solutions, gas laws, and acid/base chemistry. Highly recommended: scientific calculator.

NAME OF CLASS: **CHEMISTRY II**
GRADE LEVEL: 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: CHEMISTRY I
CREDIT: 1 CREDIT
TYPE OF CREDIT: SCIENCE

This class is a continuation of the topics covered in Chemistry I. This class will be focused on additional lab activities and topics including thermochemistry, redox reactions, colligative properties of solutions, acid/base and buffers, kinetics, and organic chemistry.

NAME OF CLASS: **COMPUTER LITERACY I**
GRADE LEVEL: 9, 10, 11, 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: NONE
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: BUSINESS

A one semester course designed to introduce students to the use of computers in the world of work and in their personal lives. Students will become comfortable with the desktop; they will be able to move around quickly and efficiently. Complete lessons are provided in word processing, database, and spreadsheets.

NAME OF CLASS: **COMPUTER LITERACY II**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: COMPUTER LITERACY
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: BUSINESS

This is a one-semester course for those students who would like to further their knowledge and skills with program usage. Complete lessons in Integration Projects, Powerpoint, Desktop Publishing, Internet Search, and Business Forms are given.

NAME OF CLASS: **COMPUTER LITERACY III**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: COMPUTER LIT II AND TEACHER ENDORSEMENT
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: BUSINESS

This is a one-semester course to introduce students to additional software programs. Individual interests are considered. Programming language, video production, Photoshop and web design will be reviewed.

NAME OF CLASS: **CONSTRUCTION CAREERS**
GRADE LEVEL: 9, 10, 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: INDUSTRIAL TECHNOLOGY

This course is a hands-on exploratory class for the student considering a career path in the construction field. The course starts with a section of measurement and blueprint reading. Various construction-related careers will be explored. Students will learn safe and proper use of hand and power tools. Safe working and construction practices will be emphasized. Students will be introduced to basic home construction and maintenance through hands-on activities, lectures, guest speakers and field trips involving plumbing, carpentry, electricity, painting, masonry and other construction-related fields.

NAME OF CLASS: **CORRESPONDENCE**
GRADE LEVEL: 9, 10, 11, 12
LENGTH OF CLASS: VARIOUS LENGTHS
PREREQUISITE: NONE
CREDIT: VARIOUS CREDITS
TYPE OF CREDIT: VARIOUS

Correspondence classes may be taken through the American School for make-up credit. Students work independently and are responsible for all costs. St. Charles H.S. reserves the right to limit the number of correspondence and/or transfer credits that will be applied towards graduation.

NAME OF CLASS: **CREATIVE WRITING; POETRY**
GRADE LEVEL: 11 OR 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: English 3 or instructor approval
CREDIT: ½ Credit
TYPE OF CREDIT: English

The focus of this writing class will be the various forms of poetry. Students will review forms, authors and styles as they strive to create their own poems and voice. Students will demonstrate learning and knowledge through discussion, short and extended poetic writings, group discussions, presentations and projects.

NAME OF CLASS: **CREATIVE WRITING; SHORT STORIES**

GRADE LEVEL: 11 OR 12

LENGTH OF CLASS: 1 SEMESTER

PREREQUISITE: English 3 or instructor approval

CREDIT: ½ Credit

TYPE OF CREDIT: English

The focus of this writing class will be the various styles and forms of the short story. Students will receive forms, authors, and styles as they strive to create their own stories and voice. Students will demonstrate learning and knowledge through discussion, short and extended fiction and non-fiction writings, group discussions, presentations and projects.

NAME OF CLASS: **CURRENT EVENTS**

GRADE LEVEL: 11, 12

LENGTH OF CLASS: 1 YEAR

PREREQUISITE: NONE

CREDIT: 1 CREDIT

TYPE OF CREDIT: SOCIAL STUDIES

Current Events, a one-year, social studies class, is designed to focus on news stories occurring during the semester. Various forms of media will be utilized as sources for classroom study - television, newspaper, radio, magazines. Classroom activities will consist of journals, weekly writing, a study of editorial cartoons and the debate of controversial topics currently in the news. Topics for study may include: death penalty, hunger, ethics, gun control, censorship, violence, racism and environmental concerns. Students will have input as to which issues they want to examine.

NAME OF CLASS: **DRAFTING I**

GRADE LEVEL: 9, 10, 11, 12

LENGTH OF CLASS: 1 YEAR

PREREQUISITE: NONE

CREDIT: 1 CREDIT

TYPE OF CREDIT: INDUSTRIAL TECHNOLOGY

Any student who plans to work in an engineering and manufacturing or construction related career path should take this class. Emphasis of this course will be on the design process using manual drafting and an introduction to AutoCAD using AutoCAD 2006. Students will learn drafting and design fundamentals. Students will also have a hands-on problem-solving design experience designing, constructing, testing and analyzing a product. (Boats, planes, rockets, structures etc.)

NAME OF CLASS: **DRAFTING II, CAD I**

GRADE LEVEL: 10, 11, 12

LENGTH OF CLASS: 1 YEAR

PREREQUISITE: DRAFTING I

CREDIT: 1 CREDIT

TYPE OF CREDIT: INDUSTRIAL TECHNOLOGY

This is a course designed for the student who has an interest in drafting and design and wants to continue on that career path. The class covers the basics of AutoCAD. Students will do all drawings on the computer using AutoCAD 2006.

NAME OF CLASS: **DRAFTING III AND IV**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: DRAFTING II
CREDIT: 1 CREDIT
TYPE OF CREDIT: INDUSTRIAL TECHNOLOGY

These two full-year courses will be devoted solely to Cad operations, i.e. drawing and plotting on a cad system. Units introduced will include pattern making, cams, gears, advanced machine drawing, pictorial drawing, technical illustrations, exploded views, and shapes and solids.

NAME OF CLASS: **DRAWING I**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: Teacher Discretion
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: ART

A class teaching the basics of drawing. A study of the psychology behind the ability to draw will be taught. Different drawing media (pencil, charcoal, pen and ink) will be used in studio work. Those not having Art I or Art II may enter with approval of teacher.

NAME OF CLASS: **DUAL ENROLLMENT**
GRADE LEVEL: 11-12
LENGTH OF CLASS: VARIOUS LENGTHS
PREREQUISITE: Must earn qualifying score on PLAN test Sophomore year.
CREDIT: ½ PER CLASS
TYPE OF CREDIT: ELECTIVE OR REQUIRED

Students may enroll at a local college or university on dual status. Interested students should contact the high school counselor to discuss requirements.

NAME OF CLASS: **ENGLISH 1**
GRADE LEVEL: 9
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: Invitation/Instructor Approval
CREDIT: 1 CREDIT
TYPE OF CREDIT: ENGLISH

This full-year, invitation-only, course covers short stories, drama, nonfiction, library and research skills, grammar and writing. The course will focus particularly on basic writing and literacy skills demonstrated through short papers, reading responses and research projects.

NAME OF CLASS: **ENGLISH 2**
GRADE LEVEL: 9 - 10
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: None
CREDIT: 1 CREDIT
TYPE OF CREDIT: ENGLISH

This full-year course covers short stories, drama, nonfiction, library and research skills, grammar and writing. During the course, the student will develop writing skills through short papers, short story reports and a research project.

NAME OF CLASS: **ENGLISH 3**
GRADE LEVEL: 10
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: Eng 2 or Instructor approval
CREDIT: 1 CREDIT
TYPE OF CREDIT: ENGLISH

Required of all students enrolled in Social Studies 1 (sophomore social studies). During the course students will examine literature and composition, as well as conduct research pertaining to the American experience. Students will demonstrate their understanding of the events, experiences, concepts and time periods through short and extended writings, literature responses, large and small-group discussions, presentations, speaking assignments, multi-genre, real-world and service projects.

NAME OF CLASS: **ENGLISH 4**
GRADE LEVEL: 11-12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: ENGLISH

This course will use World Literature to investigate various cultures, themes and literary forms. Students will write using the readings as a basis. They will also write to improve communication skills, writing skills, mechanics and vocabulary while also studying the works of William Golding and William Shakespeare.

NAME OF CLASS: **ENGLISH 5**
GRADE LEVEL: 11-12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: ENGLISH

This full-year class is designed to help students express themselves and to be more aware of their environment. Areas covered will include: essays, short stories, technical reports, poetry and preparation for reports and research papers in other classes. The main focus is expressionism and a variety of writing styles.

NAME OF CLASS: **ENGLISH RECOVERY**
GRADE LEVEL: 10-11
LENGTH OF CLASS: 1 YEAR (By semester as needed)
PREREQUISITE: Placement based on English 2/English 3 performance
CREDIT: ½ credit per semester
TYPE OF CREDIT: ENGLISH

Students who were not successful in either English 2 or English 3 will recover the credit through English Recovery. The content and concepts will parallel those of the standard English courses. Those concepts will be taught through new selections, titles and assignments. Stress will be placed on study and work habits, and adherence to deadline and requirements. Students will demonstrate mastery of material through short and extended writings, literature responses, large and small-group discussions, presentations, speaking assignments, multi-genre, real-world and service projects.

NAME OF CLASS: **FORENSICS A**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: BIOLOGY
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: SCIENCE

This course is designed to integrate scientific concepts with the study of forensic technology. Forensics A focuses on physical science concepts such as ballistics and projectiles, blood spatter patterns, accident reconstruction, analysis of unknown samples, pH tests, chromatography, etc. Forensic A/B can be taken in any order, one is not required knowledge for the other section.

NAME OF CLASS: **FORENSICS B**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: BIOLOGY
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: SCIENCE

This course is designed to integrate scientific concepts with the study of forensic technology. Forensic B focuses on biology concepts such as DNA analysis, blood typing, microscopic analysis of evidence, finger printing, forensic anthropology, deductive reasoning, and crime scene analysis. Forensic A/B can be taken in any order, one is not required knowledge for the other section.

NAME OF CLASS: **FRENCH I AND FRENCH II (SEE SAGINET)**

NAME OF CLASS: **GEOMETRY**
GRADE LEVEL: 9, 10, 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: ALGEBRA I
CREDIT: 1 CREDIT
TYPE OF CREDIT: MATH

This full-year course is an integration of plane and solid geometry. In this course, students will gain knowledge in the following main topics: proofs dealing with triangles, perpendicular lines and planes, quadrilaterals, ratio and proportion, similar figures, locus, circles, spheres, and areas and volumes as well as an introduction to trigonometry.

NAME OF CLASS: **HEALTH**
GRADE LEVEL: 9
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: NONE
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: PHYSICAL EDUCATION

This required course will prepare the student for everyday injury situations with special preparation for advanced life-saving techniques. Other topics that will be covered are: stress management, nutrition, reproductive health and other health related situations.

NAME OF CLASS: **HONORS ENGLISH**
GRADE LEVEL: 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: ENGLISH

This full-year course is for college-bound students. Discussion will include novels from Victorian England and contemporary America, as well as drama from ancient Greece, Shakespeare, and U.S. The third major component will be expository and persuasive writing as well as independent reading projects in the fall and winter.

NAME OF CLASS: **INTRODUCTION TO PHILOSOPHY**
GRADE LEVEL: 11 OR 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: English 3 or instructor approval
CREDIT: ½ Credit
TYPE OF CREDIT: English * possible articulation available with Delta College

Introduces the logic of philosophical thinking and to important philosophical issues. Covers such topics as proofs for the existence of God, the ultimate nature of reality, what it means to be human, and the nature of ethics. Presents historically important Western and non-Western philosophers and their theories. Allows opportunities to read about, discuss, analyze and write about course topics. Emphasizes understanding the issues, learning the various positions and arguments taken by philosophers, critically questioning those positions and arguments, and finally reaching and defending personal philosophical conclusions.

NAME OF CLASS: **INTRODUCTION TO ETHICS**
GRADE LEVEL: 11 OR 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: English 3 or instructor approval
CREDIT: ½ Credit
TYPE OF CREDIT: English * possible articulation available with Delta College

Introduces historically important ethical issues, theories, concepts and philosophers. Teaches the basics of ethical decision-making and how to apply ethical concepts, theories and methods to their own personal ethical conflicts. Allows the opportunity to investigate, write about, and discuss controversial topics such as abortion, capital punishment, euthanasia, assisted suicide, social justice, affirmative action, sexuality, and environmental ethics. Emphasizes understanding and critically questioning the theories, positions and arguments made concerning the course topics, and to reach and defend their own conclusions on those topics.

NAME OF CLASS: **LIFE MANAGEMENT SKILLS A AND B**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 SEMESTER EACH
PREREQUISITE: NONE
CREDIT: 1/2 CREDIT EACH
TYPE OF CREDIT: HOME ECONOMICS

Two classes designed so you can have fun learning about yourself and others. Topics to be covered include: self examination of personalities including self esteem, communication skills, decision making skills, handling conflicts in relationships, dating, sexuality and parenting. Life Management Skills A and B can be taken in any order, one is not required knowledge for the other section

NAME OF CLASS: **MANAGEMENT—FOCUSING ON COMMUNICATIONS**

GRADE LEVEL: 11, 12

LENGTH OF CLASS: 1 SEMESTER

PREREQUISITE: NONE

CREDIT: ½ CREDIT- Delta College Credit (Mgt 153)

TYPE OF CREDIT: ENGLISH

Development of an understanding of the communication process through business letters, memorandums, business reports and oral presentations. The students will develop sales letters, persuasive letters, thank-you letters, sympathy letters, letters of recommendation, international letters, press releases, company instruction manuals, debates and numerous oral presentations.

Tools for making quality decisions are stressed. The relationship between employer and employee, the importance of positive relationships between co-workers and standards of behavior expected in the workplace are among the many topics discussed in this class.

NAME OF CLASS: **MANAGEMENT—FOCUSING ON FINANCE**

GRADE LEVEL: 11, 12

LENGTH OF CLASS: 1 SEMESTER

PREREQUISITE: NONE

CREDIT: ½ CREDIT- Delta College Credit (Mgt 153)

TYPE OF CREDIT: BUSINESS

Through this course the student develops a knowledge and understanding of the American Business System and how it functions. Some topics discussed are banking and banking services, credit, investing (including the Stock Market Game), and living and working in our economy. It also clarifies the role of business in modern society both domestic and international. Including an overview of the American business environment, forms of business ownership, obtaining and managing financial resources, management of organizations and human resources, and current issues in the free enterprise system is all part of this course.

NAME OF CLASS: **MARKETING**

GRADE LEVEL: 10, 11, 12

LENGTH OF CLASS: 1 YEAR

PREREQUISITE: NONE

CREDIT: ½ CREDIT

TYPE OF CREDIT: BUSINESS

Analysis of marketing data: marketing research, statistics, marketing cost/revenue analysis and sales and marketing forecasting. Activities may include industrial visitations and work study in conference with supervision of cooperating organization, teacher and student. The students will study the cultural, social, personal and psychological factors of marketing.

NAME OF CLASS: **MICHIGAN VIRTUAL HIGH SCHOOL**

GRADE LEVEL: 11, 12

LENGTH OF CLASS: 1 SEM. OR 1 YR

PREREQUISITE: SEE COUNSELOR

CREDIT: 1/2 TO 1 CREDIT

TYPE OF CREDIT: VARIOUS

Online courses provided through MVHS are web-based complete curriculum courses. They include interactive tutorials, assignments, activities, exams, quizzes and grading with an experienced teacher. A complete listing of courses is available in the counseling office. Course requirements and prerequisites will be provided by the counseling office and more information can be found at www.mivu.org

NAME OF CLASS: **PHYSICAL EDUCATION 9**
GRADE LEVEL: 9
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: NONE
CREDIT: 1/2 CREDIT
TYPE OF CREDIT: PHYSICAL EDUCATION

This 1/2-year course for freshmen may include: fitness tests, flag football, archery, badminton, basketball, soccer, volleyball, softball, team handball, weight training, floor hockey and exercise.

NAME OF CLASS: **PHYSICAL SCIENCE**
GRADE LEVEL: 10
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: None
CREDIT: 1 CREDIT
TYPE OF CREDIT: SCIENCE

In this full-year course, students will investigate essential physics and chemistry concepts. Topics covered include motion of objects, basic forces of nature, net forces and acceleration, Newton's Laws, gravitational interactions, electric charges, types of energy and energy transfer, wave characteristics and behavior, electromagnetic waves, nature of light, circuits, molecules in motion, heating impacts, types of reactions, chemical nomenclature, properties of matter, atomic structure, periodic table, ions and isotopes, chemical changes, phase changes (diagrams), chemical bonds, acids and bases and carbon chemistry. Hands-on activities will reinforce concepts covered.

NAME OF CLASS: **PHYSICS**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: Physical Science, Geometry
CREDIT: 1 CREDIT
TYPE OF CREDIT: SCIENCE

This course is designed for college-bound students who are capable of applying concepts to solve problems and perform calculations using their analytical and logical thinking skills. Topics covered in this course include the motion of objects and frames of reference, forces, momentum, electric charge interactions, electromagnetic force, work and energy transfer, kinetic and potential energy, wave characteristics, wave behavior, current electricity, heat, temperature and efficiency and mass/energy relationships. Hands-on activities will reinforce concepts covered.

NAME OF CLASS: **PUBLICATIONS**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: ENGLISH 9 AND 10
CREDIT: 1 CREDIT
TYPE OF CREDIT: ENGLISH

This full-year course offers learning the history of journalism, responsible journalism today and the production of media. The school newspaper and articles for the local newspaper are written by this class. Page design using desktop publishing software. Newsletters, brochures, letterheads, etc. Learn the do's and don'ts of page design. Yearbook staff will be selected from this group, and use these skills in producing the yearbook.

NAME OF CLASS: **PSYCHOLOGY**
GRADE LEVEL: 11,12
LENGTH OF CLASS: 1 YR.
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: SOCIAL STUDIES

This is an introduction to psychology course designed to provide an overview of the field of psychology and human behavior. Topics include: philosophical perspectives, history, biology, learning, personality, behavioral biology, development, motivation, emotion, abnormal behavior, theories, and therapies.

NAME OF CLASS: **PSYCHOLOGY II**
GRADE LEVEL: 12
LENGTH OF CLASS: 1 YR.
PREREQUISITE: PSYCHOLOGY
CREDIT: 1 CREDIT
TYPE OF CREDIT: SOCIAL STUDIES

This is a continuation and in-depth overview of the field of psychology and human behavior, and is equivalent to an introduction to psychology at the college level. Students will be introduced to the systematic, academic, and scientific study of behavior and mental processes of humans and other animals. The students will be exposed to psychological studies, principles and theories, ethics of research and the science and practice of psychology. Topics include: philosophical perspectives, history, biology, learning, personality, behavioral biology, development, motivation, emotion, abnormal behavior. Prerequisite: Psychology with a "C" or better grade. You must have teacher/counselor approval to take this class.

NAME OF CLASS: **SAGINET**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 to 2 YEARS
PREREQUISITE: Depends on the Class
CREDIT: 1 CREDIT
TYPE OF CREDIT: ELECT./BASED ON COURSE. CONTENT

SAGINET is a two-way, interactive video/audio TV network. Students can see the teacher and the other classroom(s) on the monitor. All participants can see and talk to each other. Students take exams and turn in homework just like in a regular class. Materials are usually faxed between sites. SAGINET students should be receptive, motivated, college-bound learners, Course content could range from foreign language to other advanced classes.

NAME OF CLASS: **SCC PROGRAMS**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR - 3 HOURS PER DAY
PREREQUISITE: NONE
CREDIT: 3 CREDITS
TYPE OF CREDIT: VARIOUS

The Saginaw Career Complex is a share-time facility working cooperatively with the home school as a training ground for men and women entering the industrial and commercial community upon graduation for high school. There are various courses available to juniors and seniors with approval of the Counselor. Each program ranges in length from 1 to 2 years. Students enrolled in a SCC course may earn 1 1/2 credits per semester. All SCC students may ride a bus to and from the center and all applicants must have earned passing grades in all classes the previous semester. As with all classes, there is a one week drop/add period and once that is over, students must commit to a full semester.

NAME OF CLASS: **SOCIAL STUDIES I**
GRADE LEVEL: 10
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: SOCIAL STUDIES

While this class centers on the history of the United States, other areas of social studies education will be included as well. This includes: economics, geography and political science.

Skills necessary for the Michigan Merit Exam and the A.C.T. will be used throughout the year. This includes a heavy emphasis on reading and writing.

NAME OF CLASS: **SOCIAL STUDIES II**
GRADE LEVEL: 11
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: SOCIAL STUDIES

This class is closely aligned with Social Studies I. Themes introduced in Social Studies I will be covered in depth, for example, the Constitution. Along with the three focus areas, Social Studies II includes economic systems, budgeting and money management and the structures, policies and powers of the U.S. Government.

The first semester will focus on Government and Civics and the second semester on Economics/Personal Finance.

The skills needed for the MEAP will be reinforced in the 1st semester of this class to help prepare students for the MEAP given the 2nd semester.

NAME OF CLASS: **SPANISH I**
GRADE LEVEL: 9, 10, 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 CREDIT
TYPE OF CREDIT: FOREIGN LANGUAGE

This full-year course enables students to acquire mastery of useful and lively Spanish vocabulary, and to introduce them to the Spanish culture and its impact on the world. All five strains of the language will be emphasized: reading, writing, listening, speaking, and thinking. The whole approach aims to help students comprehend beginning Spanish without constant dependence on English.

NAME OF CLASS: **SPANISH II**
GRADE LEVEL: 10, 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: SPANISH I
CREDIT: 1 CREDIT
TYPE OF CREDIT: FOREIGN LANGUAGE

This full-year course is a continuation of Spanish I with increased emphasis on communication in the target language. Students will reinforce and enlarge upon their grasp of vocabulary, grammar, conversation, literature, composition, culture, and history. The goal is proficiency in functioning in all modes of the language. Only those who have passed Spanish I are eligible for this class.

NAME OF CLASS: **SPANISH III**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: SPANISH II/III
CREDIT: 1 CREDIT
TYPE OF CREDIT: FOREIGN LANGUAGE

A full-year course which is a follow-up to Spanish II or III. Verbal communication skills will be emphasized with students having the option of taking the Advanced Placement Exam at course end. You must have teacher/counselor approval to take this class.

NAME OF CLASS: **SPANISH IV**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: SPANISH II/III
CREDIT: 1 CREDIT
TYPE OF CREDIT: FOREIGN LANGUAGE

This full-year course emphasizes communication in the target language. Students will reinforce and enlarge upon their grasp of vocabulary, grammar, conversation, literature, composition, culture, and history. The goal is proficiency in functioning in all modes of the language. Students may have the option of taking the Advanced Placement Exam at the end of the course. Prerequisite: A C or better in Spanish III is required. You must have teacher/counselor approval to take this class.

NAME OF CLASS: **TRIGONOMETRY & PRE CALCULUS**
GRADE LEVEL: 11, 12
LENGTH OF CLASS: 1 YEAR
PREREQUISITE: ALGEBRA II
CREDIT: 1 CREDIT
TYPE OF CREDIT: MATH

This full year course is open only to college-bound juniors and seniors who have successfully completed Algebra II. This is an integrated course of Algebra and Trigonometry, with an introduction to elementary analysis. The introduction to elementary analysis includes an in-depth study of functions, which is basic to the development of calculus. Topics of calculus covered are: use and application of limits and derivatives.

NAME OF CLASS: **WORK EXPERIENCE** (CO-OP)
GRADE LEVEL: 12
LENGTH OF CLASS: 1/2 YEAR OR 1 YEAR
PREREQUISITE: NONE
CREDIT: 1 TO 2 CREDIT
TYPE OF CREDIT: ELECTIVE

This program is within the ACTION component of the Kindergarten through twelfth grade career plan. Students enrolled in work experience divide their time between school attendance and working at their part-time jobs. All students are required to spend a minimum of four periods per day in school. To apply for this opportunity a senior level student must have been employed in a single position for a minimum of three weeks. The student's place of employment will be required to provide certificates of insurance for workers' compensation and general liability. Students will receive a letter grade from their employer. If a student leaves their job mid-semester, they will receive a failing grade and not gain credit.

NAME OF CLASS: **WORLD LITERATURE**
GRADE LEVEL: 11 OR 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: English 3 or instructor approval
CREDIT: ½ Credit
TYPE OF CREDIT: English

This class will examine the literature of the world outside of the United States. Major authors and trends will be studied through short stories and novels. Students will demonstrate learning and knowledge through discussion, short and extended writings, group discussions, presentations and projects.

NAME OF CLASS: **WORLD STUDIES A and B**
GRADE LEVEL: 11 OR 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: None
CREDIT: 1/2
TYPE OF CREDIT: Social Studies

The one-semester class will provide students with the opportunity to study the world through politics, economics, culture, social structure and geography. Students may take this for a full year in any order.

NAME OF CLASS: **YOUNG ADULT LITERATURE**
GRADE LEVEL: 11 OR 12
LENGTH OF CLASS: 1 SEMESTER
PREREQUISITE: English 3 or instructor approval
CREDIT: ½ Credit
TYPE OF CREDIT: English

This class will examine contemporary writings targeted towards readers from 13-21. Students will demonstrate learning and knowledge through discussion, short and extended writings, group discussions, presentations and projects.

EXTRA-CURRICULAR ACTIVITIES

St. Charles High School offers many opportunities for students to participate in activities and clubs. The activities, for the most part, are outgrowths of the regular curricular programs. These activities will enhance the total educational program. So GET INVOLVED, be part of an activity.

NATIONAL HONOR SOCIETY
STUDENT GOVERNMENT
ECOLOGY CLUB
SKITS AND DRAMA CLUB
TAC (Teen Action Council)
FILM CLUB
KNIT CLUB

FOOTBALL (Varsity, JV, Freshmen)
GOLF
BASKETBALL (Varsity, JV, Freshmen)
BOWLING
CHEERLEADING
WRESTLING
VOLLEYBALL (Varsity, JV, Freshmen)
CROSS COUNTRY
BASEBALL (Varsity, JV)
TRACK
SOFTBALL (Varsity, JV)