

# Camanche High School

*Course Description Book*

2014 - 2015



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**2014 - 2015**

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FOUR-YEAR PLANNING CALENDAR

FRESHMAN YEAR

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CREDIT \_\_\_\_\_

SOPHOMORE YEAR

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CREDIT \_\_\_\_\_

JUNIOR YEAR

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CREDIT \_\_\_\_\_

SENIOR YEAR

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CREDIT \_\_\_\_\_

## Courses Available

(\*) indicate required courses

Freshmen	Sophomore	Junior	Senior
<p><b>English</b> *English 9</p> <p><b>Science</b> *Earth Science</p> <p><b>Math</b> *Algebra 1 or *Geometry</p> <p><b>Physical Education</b> *P.E. Fitness *P.E. Weight Training *Cardio Class Or *Mileage Club</p> <p><b>Computer Literacy</b> *Computer Lit *Word Processing &amp; Data Management</p> <p><b>Electives</b> Spanish 1 Co-ed Foods Creative Cuisine Mixed Chorus Band Exploring Technology Computer Technology Wood Technology General Mechanics Metals, Materials, &amp; Processes House &amp; Home Art 1 Ceramics 3-D Art 2-D Art Fibers Health VREP Web Design and Maintenance Women in Industrial Technology</p>	<p><b>English</b> *English 10</p> <p><b>Science</b> *Biology</p> <p><b>Math</b> *Geometry *Survey of Geometry or *Algebra 2 *Survey of Algebra 2</p> <p><b>Physical Education</b> *P.E. Fitness *P.E. Weight Training *Cardio Class Or *Mileage Club</p> <p><b>Computer Literacy</b> *Computer Lit *Word Processing &amp; Data Management</p> <p><b>Electives</b> <b>Any courses offered to freshmen</b> Spanish 2 Digital Design Incredible Edibles Cabinet and Furniture Making CAD 1 General Mechanics General Construction Electricity &amp; Electronics Basic Auto Accounting 1 Honors Accounting General Business Business Law Marketing Single Survival Child Development 1 Child Development 2 Ceramics 2 Fibers 2 Current Events American History Through War Films Adv. Metals, Materials, &amp; Processes Fashion: Marketing and Merchandising Principles of Baking</p>	<p><b>English</b> *English 11 Or * Honors English 1</p> <p><b>Science</b> Chemistry or Physics</p> <p><b>Math</b> *Algebra 2 * Survey of Algebra 2 or Trigonometry Statistics</p> <p><b>Physical Education</b> *P.E. Fitness *P.E. Weight Training *Cardio Class Or *Mileage Club</p> <p><b>Electives</b> <b>Any courses offered to freshmen or sophomores</b> Spanish 3 Professional Foods CAD 2 Auto Technology 1 Welding Accounting 2 MOC 1 Medical Careers 1 Studio Art Basic Welding General Construction 1 Yearbook 1</p>	<p><b>English (Choose one or two)</b> *English 12 *Honors English 2 *Independent Reading *Dramatic Lit *Tolkien's Mythology</p> <p><b>Science</b> Chemistry Physics Or Integrated Science</p> <p><b>Math</b> *Algebra 2 * Survey of Algebra 2 *Math for Life or Trigonometry Statistics Or Calculus</p> <p><b>Physical Education</b> *P.E. Fitness *P.E. Weight Training *Cardio Class Or *Mileage Club</p> <p><b>Financial Literacy</b> *Financial Literacy</p> <p><b>Electives</b> <b>Any courses offered to freshmen, sophomores, or juniors</b> Spanish 4 Advanced Automated Accounting Auto Technology 2 Honors Accounting MOC 2 Medical Careers 2 General Construction 2 Yearbook 2</p>

### **EARLY GRADUATION:**

Students may graduate prior to the completion of grade twelve if the course work required for graduation under Board policy, "Graduation Requirements" has been fulfilled. In such cases the student must have the approval of the Board and a recommendation by the superintendent and the principal. Students planning to graduate early should begin planning with the Counseling Office during their junior year and file an application for Early Graduation, available from the Counseling Office, with the principal by the end of their junior year.

Mid-year graduates will be considered to be alumni of Camanche High School at the end of the semester if they have satisfactorily completed the required number of credits, all required courses, and have received Board approval. There will not be a mid-year commencement program, but these students are welcomed and urged to take part in the spring commencement.

**HONORS AND AWARDS:**

The school district shall provide a program that establishes honors and awards including, but not limited to, academic letters, scholarships, and good citizenship awards for students to assist students in setting goals. Students who have not attended the school district for at least two semesters will not be eligible for honors and awards.

Valedictorian and salutatorian awards will be determined based upon the student's first seven (7) semester of high school. Final class ranking will be determined based upon all eight (8) semesters of the student's high school career. Students who may be tied in rankings for the number one (valedictorian) designation will all receive valedictorian's designation. The next graduate(s) in rank order will receive salutatorian designation.

**STUDENT TRANSFERS - IN**

Students who transfer into the school district must meet the immunization and age requirements set out for students who initially enroll in this school district. The school district reserves the right to deny admission to any non-resident student unless the student is complying with open enrollment procedures.

The school district shall request the student's cumulative records from the previous school district. If the student cannot offer proof of grade level, the superintendent or his or her designee will make the grade level determination. The Camanche Community School District may require testing or other information to determine the grade level of the student.

The district will only accept a maximum of four (4) credits either earned by summer school, correspondence, or port-secondary enrollment courses. These four (4) credits will be accepted for graduation, but the grades earned will not count in the student's accumulated grade point average from correspondence and summer courses.

Students who are taking college courses through Post-Secondary Enrollment Options have the option of having the college credit count toward graduation and carry grade point credit. However, if the course is to be counted toward graduation, the grade must be included in the grade point average.

Students who have been accelerated into high school classes before actually being enrolled as high school students will be awarded graduation credit and advanced standing for successful completion of that course. Grade point credit will not be awarded to non-high school students for having taken accelerated courses.

**GRADUATION REQUIREMENTS**

(Grades 9,10,11,12)

It is the policy of the Camanche Community School District to require 41 credits, (20.5 units) for graduation from Camanche High School. Beginning with the class of 2011, 45 credits (22.5 units) will be required to graduate. A credit is given for a satisfactorily completed subject requiring approximately five hours of work per week for an entire semester. A unit awarded for satisfactory completion of two semesters of work. Every student is required to include a minimum of 10 credits, or five units per year plus physical education. Variation from this policy will be allowed only with the consent of the Principal.

Credit must be earned in the following areas (For class of 2010):

8 credits ( <u>4 units</u> ) in English	4 years ( <u>1 unit</u> ) of Physical Education & Health
6 credits ( <u>3 units</u> ) in Science	1 credit ( <u>.5 unit</u> ) in Computer Literacy
2 credits ( <u>1 unit</u> ) in World Cultures	6 credits ( <u>3 units</u> ) of Math
2 credits ( <u>1 unit</u> ) in United States History	
2 credits ( <u>1 unit</u> ) in Government & Economics	

The remaining credits may be selected from the various elective courses offered by other departments. The final selections depend on each student's talents, interests, and future plans. Professional consultation with teachers or the guidance counselor is essential for each student in determining his or her academic program.

Students transferring credit from other high schools should not be handicapped, time-wise, in fitting into the Camanche High academic standards. At the same time, efforts should be made, through one-to-one conferences with the guidance counselor and/or department heads to evaluate the student's previous program to avoid overlapping of courses or voids in the continuity of programs. The needs of the individual student must be given prime consideration in all cases.

**NOTES:**

1. Driver Education (.250 unit) does not count toward graduation.
2. Driver Education and Physical Education are not computed in Grade Point Average.
3. All prerequisites must be met by the student or written permission from the instructor given before any credit will be accepted for the subject.

**MINIMUM SUBJECT REQUIREMENTS:** Every student is required to include a minimum of 5 academic units per year, (2.5 per semester), plus Physical Education. Variation from this policy will be allowed only with the consent of the Principal and the School Counselor.

**INCOMPLETE GRADES:** Any incomplete grade must be made up within a two-week period following the day of issuance of report cards. Only under most unusual circumstances will this period of time be extended. Grades not made up will be converted to a failing grade.

**CHANGING OF CLASS SCHEDULE:** There will be a minimum of schedule changing after final registration, so please be careful in your selection of courses the first time.

**ART**  
**DEPARTMENT**

**ART DEPARTMENT**

12 -ART 1 (18 Weeks)	Credit: .5 Units Semesters: 1	Grade Placement: 9,10,11,12 Prerequisite: None
13 -CERAMICS 1 (18 Weeks)	Credit: .5 Units Semesters: 1	Grade Placement: 9,10,11,12 Prerequisite: Art 1 & instructor approval
14 -CERAMICS 2 (18 Weeks)	Credit: .5 Units Semesters: 1	Grade Placement: 10, 11, 12 Prerequisite: Ceramics 1 and instructor approval
15 -PRINTMAKING (18 Weeks)	Credit: .5 Units Semesters: 1	Grade Placement: 9,10,11,12 Prerequisite: Art 1
41 -3-D ART (18 Weeks)	Credit: .5 Units Semesters: 1	Grade Placement: 9,10,11,12 Prerequisite: Art 1
42 -FIBERS (18 Weeks)	Credit: .5 Units Semesters: 1	Grade Placement: 9,10,11,12 Prerequisite: Art 1
43 -2-D ART (18 Weeks)	Credit: .5 Unit Semesters: 1	Grade Placement: 9,10,11,12 Prerequisite: Art 1
71 -STUDIO ART (18 Weeks)	Credit: .5 Units Semesters: 1	Grade Placement: 11, 12 Prerequisite: 5 sem. hours of Art & instructor approval
70-FIBERS 2 (18 Weeks)	Credit: .5 Units Semesters: 1	Grade Placement: 10, 11, 12 Prerequisite: Fibers



## ART DEPARTMENT

Art is an area of study designed to offer students with various art backgrounds the appreciation and enjoyment of creating. This is accomplished through making students more aware of individual creations, interpretation, and discussion of artwork. Students are acquainted with various fields of art, art media, and well-known art pieces. In addition, they acquire first-hand knowledge of the tools and materials of the artist, and are thus able to develop their own artistic talent. Students have the opportunity to be creative and search for their own solutions to problems and each student receives direction in working out his own solution. Courses offered in Art are aimed at the development of appreciation and enjoyment of art for all. "Art is a process --- which is as important if not more important than the product." W. Booker 1971

12 - ART 1 (18 Weeks) (1st Semester)  
 Credit: .5 Units                      Grade Placement: 9,10,11,12  
 Semesters: 1                              Prerequisite: None

Course Description: This course has been designed as an introduction to art elements and the principles of design. Students will be introduced to processes used in drawing, painting, and ceramics.

### AREAS OF STUDY:

- |                                      |                        |
|--------------------------------------|------------------------|
| 1. Elements and principles of design | 4. Painting techniques |
| 2. Drawing techniques                | 5. Ceramics            |
| 3. Color theory                      | 6. Art appreciation    |

### EXPECTATIONS FROM STUDENTS:

1. Successfully complete assigned projects
2. Display good work habits and cooperative attitudes
3. Complete weekly sketchbook assignments—students will be dropped from Art 1 during the first 9 weeks if they fail to do weekly sketchbook assignments

3 - CERAMICS 1 (18 Weeks)  
 Credit: .5 Units                      Grade Placement: 9,10,11,12  
 Semesters: 1                              Prerequisite: Art I and approval of instructor

Course Description: This course investigates off-wheel construction techniques, including various hand methods: pinch, coil, and slab. Students will also have the opportunity to do some experimenting on the wheel.

### AREAS OF STUDY:

- |                                |                       |
|--------------------------------|-----------------------|
| 1. Vocabulary                  | 5. Glazing techniques |
| 2. Hand building techniques    | 6. Modeling with clay |
| 3. Wheel throwing fundamentals | 7. Art appreciation   |
| 4. Surface decoration          |                       |

### EXPECTATIONS FROM STUDENTS:

1. Successfully complete assigned projects
2. Demonstrate progress in manipulative skills
3. Display consistent work habits and cooperative attitudes

14 CERAMICS 2 (18 Weeks)  
 Credit: .5 Units                      Grade Placement: 10, 11, 12  
 Semesters: 1                              Prerequisite: Ceramics 1 and instructor approval

Course Description: This course will further explore off-wheel techniques. New surface decoration methods will also be examined. Students will be given an opportunity to develop their potter's wheel throwing skills.

### AREAS OF STUDY:

- |                                |                       |
|--------------------------------|-----------------------|
| 1. Vocabulary                  | 5. Glazing Techniques |
| 2. Hand-building methods       | 6. Modeling with clay |
| 3. Wheel throwing fundamentals | 7. Art appreciation   |
| 4. Surface decoration          |                       |

### EXPECTATIONS FROM STUDENTS:

1. Successfully complete assigned projects.
2. Demonstrate a high level of craftsmanship
3. Display consistent work habits and cooperative attitudes

15 - PRINTMAKING (18 Weeks (2nd Semester)  
 Credit: .5 Units Grade Placement: 9,10,11,12  
 Semesters: 1 Prerequisite: Art I

Course Description: This course provides an exploration of the printmaking processes of relief, intaglio, silk screen, and lithography. The course gives students a historical view of the craft, as well as relating to their personal aesthetic exploration.

AREAS OF STUDY:

- |                                  |                     |
|----------------------------------|---------------------|
| 1. Relief printmaking techniques | 4. Lithography      |
| 2. Intaglio                      | 5. Art appreciation |
| 3. Silk screen                   | 6. Monoprints       |

EXPECTATIONS FROM STUDENTS:

1. Successfully complete assigned projects
2. Develop skills in each area of study
3. Demonstrate an understanding of the various printmaking processes
4. Complete weekly sketchbook assignments

41 - 3-D Art (18 Weeks) (1st Semester)  
 Credit: 1 Grade Placement: 9,10,11,12  
 Semesters: 1 Prerequisite: Art I

Course Description: 3-D provides students the opportunity to make sculptural objects from a variety of materials. Emphasis is on methods of construction and concepts of spatial organization.

AREAS OF STUDY:

- |            |                 |                     |
|------------|-----------------|---------------------|
| 1. Carving | 3. Construction | 5. Art appreciation |
| 2. Casting | 4. Assemblage   |                     |

EXPECTATIONS FROM STUDENTS:

1. Successfully complete assigned projects
2. Demonstrate consistent work habits and cooperative
3. Demonstrate a high degree of craftsmanship

42 - FIBERS (18 Weeks) (1st Semester)  
 Credit: .5 Units Grade Placement: 9,10,11,12  
 Semesters: 1 Prerequisite: Art I

Course Description: Students are introduced to fiber structuring through basic hand manipulated processes such as knotting, twining, wrapping, and weaving. Students will also be introduced to dyeing and painting on fabric, emphasizing color relationships through resist, dye and printing techniques.

AREAS OF STUDY:

- |                  |            |                     |
|------------------|------------|---------------------|
| 1. Basketry      | 3. Macrame | 5. Silk painting    |
| 2. Paper casting | 4. Batik   | 6. Art appreciation |

EXPECTATIONS FROM STUDENTS:

1. Display a creative, original approach to each project
2. Successfully complete assigned projects

43 - 2D ART (18 Weeks)  
 Credit: .5 Unit Grade Placement: 9,10,11,12  
 Semesters: 1 Prerequisite: Art I

Course Description: This course further develops drawing and painting skills introduced in Art I. Students will be encouraged to explore a new variety of materials and techniques.

AREAS OF STUDY:

- |                               |                     |
|-------------------------------|---------------------|
| 1. Long term, larger drawings | 3. Painting         |
| 2. Commercial art             | 4. Art appreciation |

EXPECTATIONS FROM STUDENTS:

1. Successfully complete assigned projects
2. Complete weekly sketchbook assignments
3. Complete written reports
4. Demonstrate a high level of craftsmanship
5. Display a creative, original approach to each project

71 - STUDIO ART (18 Weeks) (2nd Semester)  
 Credit: .5 Units Grade Placement: 11,12  
 Semesters: 1 Prerequisite: 5 Semester Hours of Art and instructor approval

Course Description: Studio Art is designed for the student who has a strong desire toward visual art and is interested in continued study. This course encourages the development of skill and the education of the artist's eye. Students are required to develop work based upon an intensive exploration of their selected area of concentration.

AREAS OF STUDY:

- |             |                |              |                     |
|-------------|----------------|--------------|---------------------|
| 1. Drawing  | 3. Printmaking | 5. Fibers    | 7. Career education |
| 2. Painting | 4. Ceramics    | 6. Sculpture | 8. Art appreciation |

EXPECTATIONS FROM STUDENTS:

- |  |                                    |
|--|------------------------------------|
| 1. The student must be highly self-motivated         | 4. Exhibit good work habits        |
| 2. Complete weekly sketchbook assignments            | 5. Develop creative, original work |
| 3. Develop and present ideas for individual projects | 6. Complete written reports        |

70 FIBERS 2 (18 weeks) (1<sup>st</sup> semester)  
 Credit: .5 unit Grade Placement: 10, 11, 12  
 Semesters: 1 Prerequisite: Fibers

Course Description: This class is a continuation of the study of fiber structuring. Students will continue to develop fiber manipulation skills as new materials and techniques are explored.

AREAS OF STUDY:

- |            |                   |                     |
|------------|-------------------|---------------------|
| 1. Mosaics | 3. Wool Felting   | 5. Gourd Craft      |
| 2. Collage | 4. Soft Sculpture | 6. Art Appreciation |

# Business Education Department

## BUSINESS STRAND

37	Financial Literacy	.5 unit
38	Business Law	.5unit
40	Marketing	.5 unit
36	Accounting 1	1 unit
67	Accounting 2	1 unit
87	Advanced Automated Accounting	.5 unit
91	Honors Accounting	.5 unit
68/82	MOC 1	1 unit

## TECHNOLOGY STRAND

	Web Design and Maintenance	1 unit
	Computer Technology	.5unit
	Exploring Technology	.5 unit
	Word Processing	.5 unit
	Data Management	.5 unit
	Computer Literacy	.5 unit
	Digital Design	.5 unit
	Yearbook 1	1 unit
	Yearbook 2	1 unit

### ARTICULATION AGREEMENT:

Students can earn college credit as well as high school credit for a course that has been articulated through a partnership between Camanche High School and Clinton Community College. A student of Junior+ status enrolled in Accounting I can receive college credit for CCC's "College Accounting Class - AO:160"

### COMPLETERS:

Students are encouraged to complete a strand, 3 units in any one area listed below. This will better prepare them to continue their education in a business major or to gain the skills needed for

work.

## BUSINESS EDUCATION DEPARTMENT

Business Education prepares CHS students with life-long skills for future success in an educational environment and/or business world. Business curriculum reinforces basic skills and encourages productive learning through critical thinking, problem solving, and teamwork. Acquiring real world concepts and furnishing students with skills utilizing modern software and technology is one of the department's goals.

### **10 - WORD PROCESSING** (18 weeks) (+ Data Management meets computer graduation requirement)

Credit: .5 Units                      Grade Placement: 9, 10, 11, 12  
Semester: 1                              Prerequisite: none

Course Description: Students will learn the necessary skills to work confidently with Microsoft Word. Instruction will include hands on computer training and application of these skills through practical assignments.

#### Areas of Study Include:

Microsoft Word

- Creating Research Papers using the MLA format
- Write Resumes & Cover Letters using the Wizard feature
- Inserting and drawing Tables
- Embedding Charts in a document
- Generating Form Letters & Directories w/ Mail Merge
- Create Mailing Labels & Envelopes
- Designing Newsletters & Desktop Publishing projects
- Create Online Forms for a Webpage

The course uses the *Shelly Cashman Series®* book that is an approved courseware for the Microsoft Office User Specialist (MOUS) Exam.

### **11 - DATA MANAGEMENT** (18 weeks) (+ Word Processing or Computer Technology meets computer graduation requirement)

Credit: .5 Units                      Grade Placement: 9, 10, 11, 12  
Semester: 1                              Prerequisite: none

Course Description: Data Management is for the student who wants to enhance their computer knowledge and master the variety of situations in which a computer can be used. This is a "hands-on" course, using the following software to create a wide range of projects. Each student will complete a comprehensive Final Project using all the software learned

#### Areas of Study Include:

Microsoft Excel: -- Learn various features to create and format Spreadsheets

- Embed Excel Charts from spreadsheet data
- Use formulas, functions, and IF Statements
- Learn how to use Excel as a Database
- Use Queries to select the data that you need

Adobe In Design CS: -- Create Desktop Publishing documents from scratch and from templates

- Integrate clipart, camera pictures, text, and charts
- Create projects such as greeting cards, business cards, letterheads, fliers, posters

Microsoft PowerPoint: -- Organize, create, and edit Presentations

- Integrate pictures, clipart, music, and movies into their projects
- Add animation to the items on the slides
- Give a presentation using their slides

The course uses the *Shelly Cashman Series®* book that is an approved courseware for the Microsoft Office User Specialist (MOUS) Exam.

**36 ACCOUNTING I** (36 Weeks)

Credit:	1 Unit	Grade Placement:	10, 11, 12
Semesters:	2	Prerequisite:	None

Course Description: Interested in having your own business someday? Planning on a degree in a business related field? Or do you just need to know how to maintain a checking account? If you can answer "yes" to any of these questions, then Accounting 1 is for you. In addition to learning how to keep necessary financial records for a proprietorship, partnership, and corporation, there are many practical applications such as understanding payroll deductions.

Areas of Study Include:

- Journalizing transactions using the general and special journals
- Posting to the general and subsidiary ledgers
- Preparing financial statements
- Processing payroll
- Petty cash and cash register systems
- Dealing with uncollectible accounts
- Plant assets and depreciation
- Inventory controls
- Voucher system
- Accrued revenue and expenses

**37 Financial Literacy** (18 Weeks)

Credit:	.5 Unit	Grade Placement:	10, 11, 12
Semesters:	1	Prerequisite:	None

Course Description:

Less than half of high school seniors qualify as financially literate, and more than 7 million borrowers are in default on student loans for college. Students are facing tremendous financial challenges without the basic knowledge needed to thrive in today's economy.

*Foundations in Personal Finance: High School Edition* will change the financial future of your students and set them on a path to win with money, allowing you to change the way your students look at money forever. They'll be empowered, equipped and entertained while building confidence in their financial decision-making.

Areas of Study Include:

- Introduction to Personal Finance
- Savings & Banking
- Budgeting
- Understanding Debt (Payment, Interest Rates, Credit Cards, Credit Scores)
- Life After High School (Financing Higher Education)
- Consumer Awareness (Consumer Fraud)
- Bargain Shopping
- Investing and Retirement
- Insurance
- Careers and Taxes

**38 - BUSINESS LAW** (18 weeks)

Credit:	.5 Unit	Grade Placement:	10, 11, 12
Semesters:	1	Prerequisite:	None

Course Description:

What is "The Law"? How are laws made, changed and interpreted? How do laws influence the business and personal decisions that individuals make? These are some of the questions that you will explore in this class. You will also learn to analyze and summarize complex legal situations, be able to defend your position using the legal principles, and try your hand at being a trial lawyer in the Mock Trial

Areas of Study Include:

- Ethics and the Law
- Sources of the Law
- Structure of the Courts
- Civil Case Law
- Criminal Case Law



**87 ADVANCED AUTOMATED ACCOUNTING (18 Weeks)**

Credit:	.5 Unit	Grade Placement:	12
Semesters	1	Prerequisite:	Accounting II

Course Description: Students will use the knowledge acquired in Accounting I and II and combine it with the popular accounting program, "QuickBooks Pro."

Areas of Study Include:

- Setting up a business's accounting system
- Cash oriented business transactions
- Adjusting entries
- Preparation of financial statements
- Budgeting
- Reporting business activities

**91 Honors Accounting (18 Weeks)**

Credit:	.5 Unit	Grade Placement:	12
Semesters	1	Prerequisite:	Teacher Approval

Course Description: This fast paced college level accounting class matches up with Clinton Community College's "Introduction to Accounting". Students enrolled will automatically receive dual credit.

Areas of Study Include:

- |  |   |
|--|---|
| --Analyzing transactions                       | --Depreciation procedures                       |
| --Journalizing and posting                     | --Reconciling bank statements                   |
| --Adjusting entries and the worksheet          | --Establishing/replenishing a petty cash system |
| --Financial statements and the closing process |   |
| --Payroll accounting                           |   |

**XX – DIGITAL DESIGN (18 weeks )**

Credit:	.5 Units	Grade Placement:	10, 11, 12
Semester:	1	Prerequisite:	Met computer graduation requirement

Course Description:

This course combines basic desktop publishing skills and graphic design principles with the specifics of how to use Adobe Photoshop, Illustrator, and Adobe Acrobat to create visual communications. Digital Design will teach users how to harness the power of each software to develop different types of documents from simple flyers to newsletters and beyond. You will learn how to package your document for print or web to get the most from the final design. In this course students will gain the necessary skills for today's new technologies of graphic design and digital printing.

Areas of Study Include:

- Manipulating Images
- Creating Graphics
- Creating Composites
- Layout Design
- Print Publishing / Web Publishing



**English**  
**Language Arts**  
**Department**

**LANGUAGE ARTS DEPARTMENT**

(4 years or 8 credits of English required for graduation)

**Freshmen**1 - ENGLISH 9 (36 Weeks) (*Required for Graduation*)

Credit: 1 Unit      Grade Placement: 9

Semesters: 2      Prerequisite: None

**Sophomores**24 - ENGLISH 10 (36 Weeks) (*Required for Graduation*)

Credit: 1 Units      Grade Placement: 10

Semesters: 2      Prerequisite: English 9

**Juniors and Seniors****Juniors**

148 – ENGLISH 11 (AMERICAN LITERATURE AND COMPOSITION) (36 Weeks)

Credit: 1 Units      Grade Placement: 11

Semesters: 2      Prerequisite: English 9 &amp;10

56 – HONORS ENGLISH I (AMERICAN LITERATURE) (36 Weeks)

Credit: 1 Units      Grade Placement: 11

Semesters: 2      Prerequisite: English 9 &amp;10 (3.0 average)

**Seniors** (Must choose a total of 1 unit from the options below)

56 – ENGLISH 12 A (ADVANCED COMPOSITION) (18 Weeks)

Credit: .5 Units      Grade Placement: 12

Semesters: 1      Prerequisite: English 11 or Honors 1

78 – ENGLISH 12 B (WORLD AND ENGLISH LITERATURE) (18 Weeks)

Credit: .5 Units      Grade Placement: 12

Semesters: 1      Prerequisite: English 11 or Honors 1

76 – HONORS ENGLISH II (WORLD AND ENGLISH LITERATURE) (36 Weeks)

Credit: 1 Units      Grade Placement: 12

Semesters: 2      Prerequisite: Honors English 1 (3.0 AVERAGE)

57 – INDEPENDENT READING (18 Weeks)

Credit: .5 Units      Grade Placement: 12

Semesters: 1      Prerequisite: English 9, 10, &amp; 11

149 – TOLKIEN'S MYTHOLOGY (18 Weeks)

Credit: .5 Units      Grade Placement: 12

Semesters: 1      Prerequisite: English 9, 10, &amp; 11

147 – DRAMATIC LITERATURE (18 Weeks)

Credit: .5 unit      Grade Placement: 12

Semesters: 1      Prerequisite: English 9, 10, &amp; 11

## LANGUAGE ARTS DEPARTMENT

The Language Arts Department is committed to providing every student with the opportunity to learn communication skills and to gain self-esteem through the ability to communicate.

We believe that:

Students need to develop higher order thinking skills through language in order to function effectively at work and leisure in a technological society.

Students need to communicate with others through oral and written language in the modern world. Students need to gain an appreciation of literature and language of diverse cultures as a lifelong interest.

Students need knowledge and skills to use language for continued learning.

Required Subjects:

### **Freshmen**

1 - ENGLISH 9 (36 Weeks)

Credit: 1 Unit

Semesters: 2

Grade Placement:

9

Prerequisite:

None

Course Description: This required course is designed as an introduction to and practice of writing, reading, and speaking skills which students will use throughout high school. First semester will include a creative writing unit as well as completion of essays and a research project which will require and use of library skills, note taking skills, writing skills, and speaking skills. First semester will also include review and exploration of literary elements in the short story and the study of mythology. Second semester will include reading and study of drama, the novel, nonfiction, and a review of grammar and punctuation. Students will have daily vocab words and will read four novels independently (at least two to be selected from a recommended list).

### AREAS OF STUDY:

1. Plot, character, and setting
2. Point of view and theme
3. Nonfiction, library skills, and the research paper
4. Drama and Romeo and Juliet
5. Mythology and The Odyssey
6. The Novel

### EXPECTATIONS FROM STUDENTS:

1. Read, both silently and orally, analyze, and extend the meanings of diverse selections of literature
2. Write descriptive, narrative, expository, and persuasive papers
3. Use the writing process and word processing
4. Improve editing and proofreading skills
5. Increase vocabulary
6. Develop study skills
7. Appreciate the diversity, language, and relevance of literature

**Sophomores**

24 - ENGLISH	10 (18 Weeks)		
Credit:	1 Unit	Grade Placement:	10
Semesters:	2	Prerequisite:	English 9

Course Description: This class is designed to continue the study of the principles of literary elements learned in 9<sup>th</sup> grade by examining the short stories, the novel, and surveying Shakespeare. Throughout the year students will also use the writing process and MLA guidelines to produce a research paper. Daily vocabulary activities are aimed at increasing students' ability to better communicate their thoughts and ideas both orally and in writing. This class will also provide students with the basic skills of oral communication (verbal, non-verbal, & listening skills) that will be necessary for success in the high school classroom, on the job, and in the community life. Students will learn the basic principles of speech through a combination of textbook study & classroom performance. Speeches given this year include the sales speech, persuasive speech, improvisation, partner novel presentation, debate, demonstration speech, and the major informative research speech.

**AREAS OF STUDY:**

1. Literary Elements through selected short stories
2. Daily vocabulary
3. *Heroes & Honor: Le Morte d'Arthur* by Sir Thomas Malory
4. MLA Research Writing
5. The Novel: Lord of the Flies by William Golding
6. Shakespeare Survey: Comedies (Much Ado About Nothing), Tragedies (Hamlet), Histories (Henry V)
7. Basic process of speech communication
8. Skills in speech preparation
9. Different types of speech communication speaking experiences
10. Oral interpretation of literature

**EXPECTATIONS FROM STUDENTS:**

1. Acquire an understanding of literary elements and techniques
2. Develop skills to read critically
3. Increase vocabulary and vocabulary skills
4. Read and report on outside books from an approved list or with teacher approval
5. Using the writing process method, create a variety of writings from creative to factual
6. Apply proofreading skills in their own writing
7. Take an active part in class discussions

**Juniors****148 ENGLISH 11 (AMERICAN LITERATURE AND COMPOSITION)**

Credits: 1 unit            Grade Placement: 11

Semesters: 2            Prerequisites: English 9 &amp; 10

Course Description: In this class students going into the workforce or on to a two-year college will focus on creative, technical and personal writing. They will master revising and proofreading skills along with learning about sentence structure, word usage, mechanics, grammar, etc. Technology such as power point and word applications will be used frequently to complete projects and papers. The class will also focus on practical applications of writing for the business world. Students will have the opportunity to hear from business professionals in the community. Students will also take a compressed look at American Literature focusing on well-known classics along with contemporary fiction. Students will develop skills in interpretation, analysis, and evaluation, through oral and written expression.

**AREAS OF STUDY:**

1. Paragraphs (filling out reports, applications, forms, etc.)
2. Narratives/Creative (Plays, short stories, memoirs)
3. Technical/Practical (business letters, instructions, memos, etc.)
4. Research Paper (using APA; multimedia presentations)
5. Resume Writing (putting together job experience, honors, etc. and a cover letter)
6. Romantic Literature
7. Nineteenth Century Literature
8. Realism
9. Jazz Age
10. Contemporary Literature

**EXPECTATIONS OF STUDENTS:**

1. Acquire an understanding of the writing process
2. Develop personal voice in writing
3. Analyze, evaluate, and interpret research sources
4. Develop research skills and try several methods
5. Develop editing and proofreading skills
6. Develop and use skills needed to present a multimedia presentation
7. Read critically and actively
8. Recognize various writing styles and literary elements
9. Recognize symbols and archetypes
10. Increase vocabulary and vocabulary attack skills
11. Improve note taking skills

## 56 HONORS ENGLISH I (AMERICAN LITERATURE)

Credit: 1 unit

Grade Placement: 11

Semesters: 2

Prerequisite: English 9 &amp; 10 (3.0 or teacher approval)

Course Description: This class is designed to introduce students to in-depth study of literature in preparation for taking college level courses. Students will develop skills in interpretation, analysis, and evaluation, through oral and written expression. Emphasis will be on classical and modern works of American Literature. Students will read a variety of genre: the novel, drama, poetry, short stories and nonfiction essays. Students will develop writing skills, analysis skills, and revision skills.

## AREAS OF STUDY:

1. Colonial Literature
2. Romantic Literature
3. Nineteenth Century Literature
4. Realism
5. Jazz Age
6. 20th Century/Contemporary Literature

## EXPECTATIONS FROM STUDENTS:

1. Read critically and actively
2. Recognize various writing styles and literary elements
3. Recognize symbols and archetypes
4. Increase vocabulary and vocabulary attack skills
5. Improve note taking skills
6. Read one work independently
7. Use the writing process to write critical analysis of literature, with a clearly stated thesis supported by valid evidence from the readings and through original interpretation
8. Participate in class discussion

**Seniors**

77 ENGLISH 12 A (Advanced Composition)

Credit: .5 units      Grade Placement: 12

Semesters: 1      Prerequisite: English 9, 10, &amp; 11/Honors 1

Course description: This class is a continuation of the junior year of English 11 (or Honors English I). Students will continue to develop writing skills, and write two extended, focused, correctly documented research papers, using MLA and APA styles. In this class students will develop greater mastery of the writing process and develop research skills. Students will write regularly both in and out of class. Students will be introduced to the requirements of college writing and technical writing. Writing assignments will be expository. Specific problems in mechanics will be reviewed and students will be required to organize, revise, and edit all writings. Students will become familiar with using style guides.

**EXPECTATIONS FROM STUDENTS:**

1. Recognize various writing styles and literary elements
2. Increase vocabulary
3. Write well documented research papers and critical analyses of literature
4. Practice and become proficient in grammar.

84 ENGLISH 12 B (World/ British Literature)

Credit: .5 units      Grade Placement: 12

Semesters: 1      Prerequisite: English 9, 10, &amp; 11/Honors 1

Course description: This class is a continuation of the junior year of English 11 (or Honors English I). Students will continue to develop critical reading skills. Emphasis will be on the Romantics, Victorian Age and Modern Age in British literature along with classic works of world literature. Students will actively participate in class discussion, prepare individual and group presentations, and write extensively.

**AREAS OF STUDY:****BRITISH LITERATURE**

1. Neoclassic Age
2. Romantics
3. Victorian Age
4. Modern Age

**WORLD LITERATURE**

1. German
2. African
3. Mythology and Greek Drama
4. French

**EXPECTATIONS FROM STUDENTS:**

1. Read critically and actively
2. Recognize various writing styles and literary elements
3. Recognize symbols and archetypes
4. Increase vocabulary
5. Write critical analyses of literature
6. Participate in and lead class discussion

## 76 HONORS ENGLISH II (World/British Literature)

Credit: 1 unit Grade Placement: 12

Semesters: 2 Prerequisite: Honors English I (3.0 avg. or teacher approval)

Course description: This class is a continuation of the study of classics in Honors English I. Students will continue to develop critical reading skills, develop writing skills, and write two extended, focused, correctly documented research papers, using MLA and APA styles. Emphasis will be on the Neoclassics, Romantics, Victorian Age and Modern Age in British literature along with classic works of world literature. Students will actively participate in class discussion, prepare individual and group presentations, and write extensively.

## AREAS OF STUDY:

## BRITISH LITERATURE

1. Neoclassic Age
2. Romantics
3. Victorian Age (2009-2010)
4. Modern Age (2009-2010)

## WORLD LITERATURE:

1. German
2. African
3. Mythology and Greek Drama
4. French

## AMERICAN LITERATURE:

1. Read critically and actively
2. Recognize various writing styles and literary elements
3. Recognize symbols and archetypes
4. Increase vocabulary
5. Write well documented research papers and critical analyses of literature
6. Participate in and lead class discussion

## 57 INDEPENDENT READING (18 weeks)

Credit: .5 units Grade Placement: 12

Semesters: 1 Prerequisite: English 9, 10, 11/Honors 1

Course Description: This class allows students a choice in what they read and provides class time for independent reading. The purpose of this class is to help students make reading a regular part of their lives. "The more you read, the better you read." The class will include focus lessons on a variety of topics, such as awareness of how students read, reading strategies, and literary elements. Students select works of fiction and nonfiction. All selections must be at an appropriate reading level and approved by the instructor. Each student will set reading goals, but all students should read at least 6 works in the semester. Students will write literary letters to classmates and to the instructor and share reading responses in small groups. Students will present book talks and provide vocabulary for daily school announcements.

## AREAS OF STUDY:

1. *Of Mice and Men* or another work of fiction that the class will read together to model the class guidelines.
2. Student selections

## EXPECTATIONS FROM STUDENTS:

1. Increase reading rate
2. Develop reading strategies for comprehension and analysis
3. Increase vocabulary



4. Set reading goals
5. Extend meaning and analysis through sharing ideas

#### 147 DRAMATIC LITERATURE (18 Weeks)

Credit	.5 units	Grade Placement:	12
Semesters:	1	Prerequisite:	English 9, 10, & 11/Honors 1

**COURSE DESCRIPTION:** In this class students will spend the semester looking at different aspects of drama other than performance. Students will have the opportunity to learn the history of drama in order to understand the drama of today. Students will learn about the different types of theater productions, read and view plays, analyze plays and learn about the playwright. This class is an opportunity for those students who enjoy drama to expand their horizons beyond performance. It is also an option for those students who enjoy drama but not getting up on stage.

#### AREAS OF STUDY:

1. The history of drama
2. Theater productions
3. Reading and analyzing plays
4. Viewing and analyzing plays
5. The playwright

#### EXPECTATIONS FROM STUDENTS:

1. Acquire an understanding and appreciation of the roots of drama today.
2. Acquire an understanding of the play script.
3. Analyze, evaluate and interpret the play.
4. Analyze and evaluate the playwright.
5. Develop and use good reading and viewing skills.
6. Develop and use analyzing skills.
7. Acquire and use writing skills necessary to interpret and analyze a play

#### 149 TOLKIEN'S MYTHOLOGY (18 weeks)

Credit	.5 units	Grade Placement:	12
Semesters:	1	Prerequisite:	English 9, 10, 11/Honors 1

**Course Description:** This class is designed to introduce students to the mythology and fantasy world of J.R.R. Tolkien. It allows the student to follow an extended myth through various stages of development with the universal theme of Good versus Evil and to recognize elements of Norse and Anglo-Saxon myths/legends in Tolkien's works.

#### AREAS OF STUDY:

1. The Hobbit
2. The Fellowship of the Ring
3. The Two Towers
4. The Return of the King
5. Mythological terms

#### EXPECTATIONS FROM STUDENTS:

1. Acquire an understanding of literary elements and techniques used in mythology

2. Recognize connections to Norse and Anglo-Saxon mythology and legend
3. Increase vocabulary and vocabulary skills
4. Develop skills to read critically
5. Respond to the literature read both orally and in writing
6. Gain an appreciation for fantasy literature and its place in the 21st century

# Family & Consumer Sciences Department

## **FAMILY & CONSUMER SCIENCES**

7	Foods 1	.5 unit
8	Foods 2	.5 unit
94	Foods 3	.5 unit
64	Foods 4	.5 unit
33	Single Survival	.5 unit
35	Child Development 1	.5 unit
143	Fashion: Marketing and Merchandising	.5 units
74	House & Home	.5 units
68/82	MOC	1 unit
	Principles of Baking	.5 units
	Child Development 2	.5 units

### COMPLETERS:

Students are encouraged to complete a strand, 3 units in the areas listed below. This will better prepare them to continue their education in a business major or to gain the skills needed for work.

**FAMILY & CONSUMER SCIENCE**7 – FOODS 1 (18 Weeks)

Credit:	.5 Units	Grade Placement:	9,10,11,12
Semesters:	1	Prerequisite:	None

8 – FOODS 2 (18 Weeks)

Credit:	.5 Units	Grade Placement:	9,10,11,12
Semesters:	1	Prerequisite:	Co-Ed Foods

94 – FOODS 3 (18 Weeks)

Credit:	.5 Units	Grade Placement:	10, 11, 12
Semesters:	1	Prerequisite:	Co-Ed Foods and Creative Cuisine

64 – FOODS 4 (18 Weeks)

Credit:	.5 Units	Grade Placement:	11, 12
Semesters:	1	Prerequisite:	Co-Ed Foods, Creative Cuisine & Incredible

143 – FASHION: MARKETING AND MERCHANDISING (18 Weeks)

Credit:	.5 units	Grade Placement:	10, 11, 12
Semesters:	1	Prerequisite:	None

74 – HOUSE AND HOME (18 Weeks)

Credits:	.5 units	Grade Placement:	9, 10, 11, 12
Semesters:	1 semester	Prerequisite:	None

33 - SINGLE SURVIVAL (18 Weeks)

Credit:	.5 Units	Grade Placement:	10, 11, 12
Semesters:	1	Prerequisite:	None

35 - CHILD DEVELOPMENT 1 (18 Weeks)

Credit:	.5 Units	Grade Placement:	10, 11, 12
Semesters:	1	Prerequisite:	None

35 - CHILD DEVELOPMENT 2 (18 Weeks)

Credit:	.5 Units	Grade Placement:	10, 11, 12
Semesters:	1	Prerequisite:	Child Development 1

35 – PRINCIPLES OF BAKING (18 Weeks)

Credit:	.5 Units	Grade Placement:	10, 11, 12
Semesters:	1	Prerequisite:	Co-ed Foods and Creative Cuisine Grade C or Above

## FAMILY AND CONSUMER SCIENCES

The philosophy of the Family & Consumer Sciences Department reflects the goals of general education in the Camanche Community School System. The Family & Consumer Sciences Curriculum plays a special role in the development of life skills. Students of all levels and abilities have the opportunity to learn by studying, creating, performing, and expressing themselves through the various areas encompassed in Family and Consumer Sciences programs.

Each course provides opportunities for self-direction, communication, and critical thinking. This curriculum is designed to equip individuals with specific knowledge, skills and aptitudes useful in preparing for gainful employment, and living as a responsible, self-confident member of our changing global society.

### FAMILY AND CONSUMER SCIENCES AREA GOALS

1. To develop problem solving and decision making skills involving the home and the workplace (HOTS)
2. To develop communication skills, as well as the motivation to play an active role in society (Communication)
3. To explore current issues of vital importance as they impact on the student's everyday life (Learning)
4. To explore a broad range of lifestyles and career roles in Family & Consumer Sciences related fields (Career)
5. To develop an awareness of the diverse roles of males and females in many cultural settings (MCNS)
6. To develop positive and realistic self-concepts regardless of race, sex, cultural background or disability
7. To become knowledgeable about current trends in Family & Consumer Sciences and an awareness to constantly update information (Technology)

### VOCATIONAL PROGRAM FAMILY & CONSUMER SCIENCES - STRAND FOOD SERVICE

The Food Service Career Strand is a five course program designed to prepare students for employment in the hospitality and food service industry. With this training and experience, graduates may enter food service employment or may pursue further education at an area community college or university.

#### Employability:

Post Secondary - baker's assistant, cook apprentice, catering assistant, butcher's helper, waiter/waitress

Prep for two-year program - baker, cook, meat cutter, catering manager, cafeteria manager, dietetic technician, dietary consultant, purchasing agent, food sales person, food service director, chef

Prep for four-year program - dietitian, extension specialist, Family & Consumer Sciences teacher, director of recipe development (industry), home economist

#### **7 - Co-Ed Foods (18 Weeks)**

Credit: .5 Units      Grade Placement: 9,10,11,12

Semesters: 1      Prerequisite: None

Course Description: Co-ed Foods is an introductory course designed to emphasize the principles of nutrition, safety and sanitation. Students will develop skills in food preparation. You will encounter many new experiences when planning, preparing and serving a variety of foods.

#### AREAS OF STUDY:

1. Nutrition and Health
2. Back to Basics: equipment, safety, recipe
3. Quick & Yeast breads
4. Fruit
5. Eggs
6. Christmas meal

#### EXPECTATIONS FROM STUDENTS:

1. Regular attendance and participation in activities and labs
2. Exhibit consistent work habits and cooperative attitudes
3. Apply principles of sanitation and safety in food storage, preparation and service
4. Develop basic skills in food preparation
5. Complete homework assigned and passes unit tests
6. Taste and evaluate food products

<b>8 - Creative Cuisine</b> (18 Weeks)			
Credit:	.5 Units	Grade Placement:	9,10,11,12
Semesters:	1	Prerequisite:	Co-ed Foods

**Course Description:** Creative Cuisine is a continuation of the introductory course. It is designed to give a more detailed study of nutrition, meal planning and advanced cooking techniques.

**AREAS OF STUDY:**

1. Soups and Sauces
2. Baking unit and pastry
3. Ground meat and chicken
4. Yeast breads
5. Salads
6. Milk and cheese
7. Outdoor cooking & meal planning

**EXPECTATIONS FROM STUDENTS:**

- 1-6 - Same as Co-ed Foods
7. Maintain a notebook for assignments and projects
8. Develop writing, time-management and organizational skills

**94 - Incredible Edibles** (18 Weeks)

Credit:	.5 Units	Grade Placement:	10, 11, 12
Semesters:	1	Prerequisite:	Co-ed Foods & Creative Cuisine (C or better)

**Course Description:** This course is for the student who wants to prepare incredible foods to eat. It allows the student to become a creative cook. Areas of study include food borne illnesses, specialty appliances, recipe alteration, ethnic foods, knife skills, and creative cooking techniques.

**AREAS OF STUDY:**

- |                               |                               |
|-------------------------------|-------------------------------|
| 1. Appliances & Demonstration | 5. Grains, Pasta, and Cereals |
| 2. Trends in Food & Nutrition | 6. Ethnic Foods               |
| 3. Consumer education         |                               |
| 4. Meal Management            |                               |

**EXPECTATIONS FROM STUDENTS:**

- 1-6 Same as Co-ed Foods
7. Prepare guest meals
8. Gain an appreciation of foreign foods and regional foods

**64 - Professional Foods** (18 Weeks)

Credit:	.5 Units	Grade Placement:	11, 12
Semesters:	1	Prerequisite:	Co-ed Foods, Creative Cuisine & Incredible Edibles (B or better) & Teacher Approval

**Course Description:** Professional Foods is an upper level foods course designed for the serious culinary student. **This course is designed for the student interested in pursuing a career in food service.** Areas of study include Serve Safe, careers in foods and nutrition, meat preparation, vegetarian lifestyle, soufflés and gourmet sandwiches, menu planning and restaurant design.

**Area of Study:**

1. Serve Safe
2. Careers in foods and nutrition
3. Appetizers
4. Meat selection and preparation
5. Vegetarian lifestyles
6. Gourmet sandwiches
7. Desserts
8. Menu planning and restaurant design

**Expectation of Students:**

1. Regular attendance is crucial in this class
2. Participation in activities and labs in a teamwork situation
3. Exhibit consistent work habits and cooperative attitudes
4. Apply principles of sanitation and safety in food storage, preparation, and service

5. Develop advanced skills in food preparation
6. Complete homework assigned and pass unit tests
7. Taste and evaluate food products

- **Principles of Baking** (18 Weeks)

Credit: .5 Units                      Grade Placement: 10, 11, 12  
 Semesters: 1                              Prerequisite: Co-ed Foods, Creative Cuisine, Incredible Edibles, and Principles of Baking Grade C or Above

**Course Description:** This course is designed to allow students to be proficient and creative bakers. They will take the fundamental baking skills learned in the 1<sup>st</sup> year foods courses and expand on those skills. Creativity will be emphasized.

**Areas of Study:**

1. Bakeshop Ingredients
2. Quick Breads
3. Yeast Breads
4. Cakes/Cookies
5. Pastry
6. Candy

**Expectations from Students:**

- 1-6. Same as Co-Ed Foods
7. Following recipes and expanding on them to individualize to your own tastes.
8. Gain an appreciation of foreign foods and customs
9. Gain proficiency in the use and care of small kitchen electronics

**35 - CHILD DEVELOPMENT 1** (18 Weeks)

Credit: .5 Units                      Grade Placement: 10, 11, 12  
 Semesters: 1                              Prerequisite: None

**Course Description:** Students will learn about the child from conception to 3 years old. Students will learn about potential diseases that can be inherited. Family and parenting styles will be taught. Students will explore the physical, social, emotional and mental development of a child from birth to three years old. This course is designed for any student interested in the development of children, caring for children, teaching children or having children of their own in the future.

**Area of Study:**

1. Children and Parenting
2. Pregnancy and Childbirth
3. The Baby's First Year
4. The Child from One to Three

**Expectation from Students:**

1. Expect to be graded on class discussion, attendance, tests and quizzes, projects and daily assignments.
2. Students will be doing many projects including creating games and puzzles for young children.

- **CHILD DEVELOPMENT 2** (18 Weeks)

Credit: .5 Units                      Grade Placement: 10, 11, 12  
 Semesters: 1                              Prerequisite: None

**Course Description:** Students will explore the physical, social, emotional and mental development of a child age four through adolescence. A majority of the time will be spent planning and teaching preschool age children. Students will become 'teacher' for the day teaching preschooler's at Kid's First Academy. Students will learn about various careers working with children. This course is designed for any student interested in the development of children, caring for children, teaching children or having children of their own in the future.

**Area of Study:**

1. The Child from Four to Six
2. Preschool Prep
3. The Child Seven to Twelve
3. Careers: Working with Children

**Expectation from Students:**

1. Expect to be graded on class discussion, attendance, quizzes and tests, projects and daily assignments

2. Students will be doing many projects pertaining to the preschool age child, including creating a story book for a child aged four to six.
3. Students will be expected to be the 'teacher' for one day at Kid's First Academy.
4. Students will participate in observations of preschool age children.

#### 143 – FASHION: MARKETING AND MERCHANDISING (18 weeks)

Credit:	.5 units	Grade Placement:	10,11,12
Semester:	1	Prerequisite:	None

**Course Description:** Fashion: Marketing and Merchandising is a course for any students interested in buying, selling or merchandising clothing. The class is designed to introduce students to fashion marketing and merchandising concepts. Students will also learn general business principles as well as small consumer knowledge. Students will be required to do several power point presentations throughout the semester.

#### Areas of Study:

- |                                      |                                     |
|--------------------------------------|-------------------------------------|
| 1. The Meaning of Clothing & Fashion | 6. Textiles                         |
| 2. The Fashion Movement              | 7. Retail & Merchandising Buying    |
| 3. Basic Economic Concepts           | 8. Promoting Fashion                |
| 4. The Fashion Industry              | 9. Fashion Trends                   |
| 5. The Fashion Market                | 10. Careers in the Fashion Industry |

#### Expectations from Students:

1. Regular attendance and participation in activities and projects
2. Exhibit consistent work habits and cooperative attitudes
3. Expect to be graded on class discussion, attendance, performance on tests, projects, and daily assignments.

#### 74 – HOUSE AND HOME (18 weeks)

Credit: .5 Units	Grade Placement: 9,10,11,12
Semesters: 1	Prerequisite: none

**Course Description:** House and Home is for any students interested in pursuing a career in Interior Design or Architecture. Students will learn about the need for housing and different styles of homes. Students will spend much of the semester learning about design and how to develop a good design plan.

#### Areas of Study:

- |                                   |                                       |
|-----------------------------------|---------------------------------------|
| 1. The Universal Need for Housing | 6. The Role of Color in Design        |
| 2. Housing and Society            | 7. The Principles of Design           |
| 3. Early Home Styles              | 8. Developing a Design Plan           |
| 4. Homes Styles since 1700        | 9. Completing and Presenting a Design |
| 5. The Elements of Design         | 10. Careers in Housing and Interiors  |

#### Expectations from Students:

1. Regular attendance and participation in activities and projects
2. Exhibit consistent work habits and cooperative attitudes
3. Expect to be graded on class discussion, attendance, performance on tests, projects, and daily assignments.



# **Foreign Language Department**

**FOREIGN LANGUAGE DEPARTMENT****6 -SPANISH 1 (36 Weeks)**

Credit: 1 Unit  
Semesters: 2

Grade Placement: 9,10,11, or instructor approval  
Prerequisite: C average in 8<sup>th</sup> grade language arts, good spelling skills

**32 -SPANISH 2 (36 Weeks)**

Credit: 1 Unit  
Semesters: 2

Grade Placement: 10,11,12 (possibly 9, if transferred in)  
Prerequisite: Spanish 1 with C+ average

**63 -SPANISH 3 (36 Weeks)**

Credit: 1 Unit  
Semesters: 2

Grade Placement: 11,12 (or transferred in with the equivalent)  
Prerequisite: Spanish 2

**86 -SPANISH 4 (36 Weeks)**

Credit: 1 Unit  
Semesters: 2

Grade Placement: 12 (or equivalent of Spanish 3)  
Prerequisite: Spanish 3

### Foreign Language Department

The Foreign Language department has a philosophy that language and communication are a large part of the development of humans. In an ever changing society we need to learn to communicate effectively in our own language as well as other languages. Knowledge of various languages helps a student in the following ways:

- To add to personal knowledge and growth as a person
- To assist with the in depth knowledge of English - the native language
- To prepare for a diverse and ever changing world and work place therefore allowing them to take advantage of career opportunities.
- To expand knowledge, understanding and appreciation of culture through – music, art, drama; literature and history.
- To be able to interact with people of various backgrounds both within the community and elsewhere.

<b>Spanish 1</b> 6 – (36 Weeks) Semesters: 2	1 unit of credit Grades 9,10,11, 12	Prerequisite - 9th graders Enrolling in Spanish I must have a strong "C+/ B" or better in their English classes or have the instructor's permission.
The goals of Spanish I are: listening, speaking, reading and writing in the language. Simple dialogs are supplemented with easy speech patterns. Basic grammar is introduced and drilled. Writing is limited to patterned practice and simple sentences, and answering questions. Reading deals with short narratives and recombination of dialogs. Culture includes geography and history of the Spain and Latin America. Various projects will also assist in learning about the Culture and Language.		
<p>Expectations from students:</p> <p>Contribute positively, volunteering and showing interest in learning a foreign language. Students should be prepared to do a minimum of 20 minutes of daily homework or study outside of class to memorize vocabulary, verb forms, etc..</p> <p>Attendance is very important to keep up with the new material presented each day.</p> <p>Students should be willing to work cooperatively with all classmates.</p> <p>Students are encouraged to contact the teacher with any concerns about homework or language study.</p>		
<b>Spanish 2</b> 32 - (36 Weeks) Semesters: 2	1 unit of credit Grades 9,10,11, 12	Prerequisite-. successful completion of Spanish I or equivalent; should have a "C" average or better in Spanish I
In this course there is still emphasis on listening and refinement of pronunciation when speaking, but there is increased concentration on reading and writing. The language goes from simple present structures to more complex things, including new tenses. The reading material is longer and more complex. The writing switches from simple substitution to sentences and paragraphs.		
<p>Expectations from students:</p> <p>Contribute positively, volunteering and showing interest in participation in class with a willingness to use Spanish when possible.</p> <p>Students should be prepared to do a minimum of 20 minutes of daily homework or study outside of class to memorize vocabulary, verb forms, etc.</p> <p>Attendance is very important to keep up with the new material presented each day. Students should be willing to work cooperatively with all classmates in pairs.</p> <p>Students are encouraged to contact the teacher with any concerns about homework or language study.</p>		

<p><b>Spanish 3</b> 63 - (36 Weeks) Semesters: 2</p>	<p>1 unit of credit Grades 10,11, 12</p>	<p>Prerequisite-Spanish II or equivalent (Others possibly if transferred in with equivalency) should have a "C" average or better in Spanish II</p>
<p>In this course there is still emphasis on listening and refinement of pronunciation when speaking, but there is increased concentration on reading and writing. Reading comprehension, writing and speaking are important to level III. Students are encouraged to express themselves orally and in composition. Reading material becomes more challenging. Students continue to make more complex writings and will start to talk about the subjunctive and use commands.</p>		
<p>Expectations from students: Contribute positively, volunteering and showing interest in participating in class with a willingness to use Spanish to speak to others in the class. Students should be prepared to do a minimum of 20 minutes of daily homework or study outside of class to memorize vocabulary, verb tenses, idioms, etc. Attendance is very important to keep up with the new material presented each day. Students should be willing to work cooperatively with all classmates in pairs or small groups. 2<sup>nd</sup> semester students will begin to keep a journal in Spanish to be turned in each week. Students are encouraged to contact the teacher with any concerns about homework or language study.</p>		

<p><b>Spanish 4</b> 86 - (36 Weeks) Semesters: 2</p>	<p>1 unit of credit Grades 11, 12</p>	<p>Prerequisite-Spanish 3 or equivalent. (Others possibly if transferred in with equivalency) should have a "C" average or better in Spanish III</p>
<p>This course is primarily conducted in Spanish; this class provides intensive practice in speaking, reading and writing in the language. Emphasis is placed on reinforcement and enhancement of the skills previously learned with attention to authentic materials, short stories and excerpts of literature. The main goals of the course are oral and reading proficiency sufficient for students to function in a Spanish-language environment. Grammar turns from new learning to perfecting the ideas that have already been presented.</p>		
<p>Expectations from students: Contribute positively, volunteering and showing interest in participating in class with a willingness to use Spanish to speak to others in the class. Students should be prepared to do a minimum of 20 minutes of daily homework or study outside of class to memorize vocabulary, verb tenses, idioms, etc. Attendance is very important to keep up with the new material presented each day. Students should be willing to work cooperatively with all classmates in pairs or small groups OR to work independently on projects as required. Students will write a journal in Spanish the entire year to be turned in weekly. Students are encouraged to contact the teacher with any concerns about homework or language study.</p>		

# Industrial Technology

## Department

### DRAFTING/DESIGN ENGINEERING TECHNOLOGY STRAND

17	Computer Technology	.5 unit
16	Exploring Technology	.5 unit
	VREP	1.0 unit
	CAD 1	1.0 unit
	CAD 2	1.0 unit
	Web Design & Maintenance	1.0 unit

### AUTOMOTIVE, WELDING & INDUSTRIAL TECHNOLOGY STRAND

17	Computer Technology	.5 unit
16	Exploring Technology	.5 unit
	Metals, Materials & Processes	.5 unit
	Advanced Metals, Materials, & Processes	.5 unit
	Basic Welding	.5 unit
	General Mechanics	.5 unit
	Basic Automotive	.5 unit
	Auto Technologies 1	1.0 unit
	Auto Technologies 2	1.0 unit
	Women in Industrial Technology	.5 unit
	Wood Technology	.5 unit
	Cabinet and Furniture Making	.5 unit
	General Construction 1	1.0 unit
	General Construction 2	1.0 unit

#### COMPLETERS:

Students are encouraged to complete a strand, 3 units in any one area listed below. This will better prepare them to continue their education in a business major or to gain the skills needed for work.

**VOCATIONAL TECHNOLOGY DEPARTMENT**

16-	EXPLORING TECHNOLOGY 1 (18 Weeks)		
	Credit: .5 Units	Grade Placement:	9,10,11,12
	Semesters: 1	Prerequisite:	None
17-	COMPUTER TECHNOLOGY 2 (18 Weeks)		
	Credit: .5 Units	Grade Placement:	9,10,11,12
	Semesters: 1	Prerequisite:	None
45 -	WOOD TECHNOLOGY (18 Weeks)		
	Credit: .5 Units	Grade Placement:	9, 10, 11, 12
	Semesters: 1	Prerequisite:	None
46 -	CAD 1 ARCHITECTURAL/MECHANICAL		
	Credit: 1 Unit	Grade Placement:	10, 11, 12
	Semesters: 2	Prerequisite:	Exploring Technology
72 -	CAD 2 -ENGINEERING RELATED ARCH. /MECH. TECHNOLOGY		
	Credit: 1 Unit	Grade Placement:	11, 12
	Semesters: 2	Prerequisite:	ARCH CAD/D I & Instructor's Permission
47 -	GENERAL MECHANICS (18 Weeks)		
	Credit: .5 Units	Grade Placement:	9,10,11,12
	Semesters: 1	Prerequisite:	None
48 -	GENERAL CONSTRUCTION (18 Weeks)		
	Credit: 1 Units	Grade Placement:	11, 12
	Semesters: 1	Prerequisite:	Cabinet and Furniture Making
73-	CABINET AND FURNITURE MAKING (18 Weeks)		
	Credit: .5 Units	Grade Placement:	10,11,12
	Semesters: 1	Prerequisite:	Wood Technology
74 -	METALS, MATERIALS, AND PROCESSES		
	Credit: .5 Units	Grade Placement:	9, 10, 11, 12
	Semesters: 1	Prerequisite:	None
50 -	ELECTRONICS AND ELECTRICITY (18 Weeks)		
	Credit: .5 Units	Grade Placement:	10, 11,12
	Semesters: 1	Prerequisite:	None
98-	BASIC AUTOMOTIVE (18 Weeks)		
	Credit: .5 Units	Grade Placement:	10,11,12
	Semesters: 1	Prerequisite:	General Mechanics
99 -	AUTO TECHNOLOGY 1 (18 Weeks)		
	Credit: 1 Unit	Grade Placement:	11,12
	Semesters: 1	Prerequisite:	Basic Automotive and Instructor Approval
97-	AUTO TECHNOLOGY 2 (18 Weeks)		
	Credit: 1 Unit	Grade Placement:	12
	Semesters: 1	Prerequisite:	Auto Technology 1 and Instructor Approval
131	Website Design & Computer Maintenance (36 weeks)		
	Credit: 1 Unit	Grade:	10, 11, 12
	Semesters: 2	Prerequisite:	Computer Tech
592 -	BASIC WELDING		
	Credit: .5 unit	Grade:	11,12
	Semesters: 1	Prerequisite:	Advanced Metals, Materials, & Processes (71% 'C' or better) and instructor approval
421-	WOMEN IN INDUSTRIAL TECHNOLOGY (18 Weeks)		
	Credit: .5 Unit	Grade Placement:	9,10,11,12
	Semesters: 1	Prerequisite:	NONE

- ??- ADVANCED METALS, MATERIALS (18 Weeks)  
Credit: .5 Unit                      Grade Placement: 9,10,11,12  
Semesters: 1                          Prerequisite: NONE
- ??- VREP (Computer 3D Modeling/Animation/Gaming) I, II, III, IV (36 Weeks)  
Credit: 1.0 Unit                      Grade Placement: 9,10,11,12  
Semesters: 2                          Prerequisite: Determined by level of completion

## VOCATIONAL TECHNOLOGY

Vocational Technology is an important part of the curriculum at Camanche High. Demands of the workplace require that our students better prepare themselves for entry into the field of work. We offer 2 or 3 years of vocational technology in the following fields:

- |                         |                    |              |
|-------------------------|--------------------|--------------|
| A. Industrial Education | C. Home Economics  | E. Marketing |
| B. Business             | D. Medical Careers |              |

By completing the vocational courses you may earn advanced standing at Eastern Iowa Community College (C.C.C.) or meet entry-level certification requirements for jobs in this area. Most programs include a three-year sequence with the 3rd year in our core Careers class.

## INDUSTRIAL TECHNOLOGY DEPARTMENT

The philosophy of the Camanche High School Industrial Technology Department supports the idea that Industrial Arts education and Vocational Industrial education are compatible and are essential for preparing students for living and earning a living. All students are provided a variety of experiences with tools, materials, and procedures which are representative of most of the trades in industry.

16 - EXPLORING TECHNOLOGY (18 Weeks)  
 Credit: .5 Units                      Grade Placement: 9,10,11,12  
 Semesters: 1                              Prerequisite: None

Course Description: Exploring Technology 1 will introduce students to the manufacturing and construction industries. Students will learn about components, processes, products, and the impact of manufacturing and construction systems. Approximately 40% of class time is spent in reading activities assignments while the remaining 60% will be spent in hands on activities.

## AREAS OF STUDY:

- |                                |                                       |
|--------------------------------|---------------------------------------|
| 1. Shop safety                 | 3. Draw up projects                   |
| 2. General tools and equipment | 4. Complete written & lab assignments |

## EXPECTATIONS FROM STUDENTS:

- Develop and maintain safe working habits
- Develop a better understanding of our world of work

17 - COMPUTER TECHNOLOGY (18 Weeks)  
 Credit: .5 Units                      Grade Placement: 9,10,11,12  
 Semesters: 1                              Prerequisite: None

Course Description: Computer Technology will introduce students to computers there different uses and their applications. Students will explore the different uses and creation of multimedia, using Windows, with graphics, sound, video, and animation. They will also have the opportunity to explore the Internet and create their own webpage. This is NOT just a Shop class, taking this class will help you understand and use today's technology in your everyday life as well as your other classes. Some of the applications that you will be using are: Microsoft Windows, Microsoft Office Suite, Adobe Creative Suites, Nero and Microsoft Video software. Create DVD's and CD's using a digital still and video camera and scanner.

## AREAS OF STUDY:

- Computer History
- Computer Components
- Microsoft Windows
- Microsoft Office Products (Word, Excel, Access, PowerPoint, Publishing)
- Microsoft Movie Maker and Photo Story
- Multimedia (Sound, Graphics, Animation, Video – DVD's & CD's)
- WinMorph
- Adobe Creative Suite
- Internet (Web Pages)

## EXPECTATIONS FROM STUDENTS:

- Develop and maintain computer skills.
- Develop a better use of computers and technology in the world of work and school.



## 45 - WOOD TECHNOLOGY (18 Weeks)

Credit: .5 Units      Grade Placement: 9, 10, 11, 12  
 Semesters: 1      Prerequisite: None

Course Description: The fundamentals of hand tools and machine woodworking will be taught through lecture, demonstration, and activities. Students will construct and apply a finish to a small wood item to develop skill in the use of tools and techniques. Safety will receive special emphasis.

Areas of Study: 1. Apply safety in guided lab work.2. Name parts and specify operations of lab equipment.3. Know how to read project plans.4. Demonstrate ability for teamwork and work collaboratively with other students.5. Ability to identify ruler fractions.6. Ability to select wood.7. Ability to assemble projects.8. Apply a finish.9. Ability to compute the cost of projects.10 Utilize 21 Century Skills

## 45 - METALS, MATERIALS, AND PROCESSES (18 Weeks)

Credit: .5 Units      Grade Placement: 9, 10, 11, 12  
 Semesters: 1      Prerequisite: None

Course Description: This is an introductory course in the use of metal as a building material. Instructional material will be presented through lecture, demonstrations, and hands-on activities. Students will develop an understanding of metalworking design and technology.

## Areas of Study

1. Apply Industrial Shop Safety
2. Read Drawings / Blueprints
3. Determine Planning, Measurement, and Layout
4. Practice Sheet Metal Processes
5. Practice Machining / Separating Processes
6. Practice Forming Processes
7. Practice Metal Combining Processes
8. Practice Boring / Drilling Processes
9. Practice CNC (Computer Numerical Control) Machining
10. Discover Metalworking Careers and Career Planning Strategies

## 46 - CAD 1 ARCHITECTURAL/MECHANICAL (36 Weeks)

Credit: 1 Unit      Grade Placement: 10,11,12  
 Semesters: 2      Prerequisite: Exploring Technology &/or Computer Technology

Course Description: This course is designed for use of both manual and computer-aided drafting and design. Developing plans, drawings, selection of materials, estimating and making mock ups (models) of residential, commercial and other structures. Concentrating on the computer-aided designs using 2D & 3D color graphics, shading, animation video imaging, walk through of 3D design and other multimedia technologies. Students earning a grade of "B" or better in both the engineering related and the other required course may earn College Credit and would not need to take the first level drafting course at Clinton Community College.

## AREAS OF STUDY:

- |                             |                              |  |
|-----------------------------|------------------------------|--|
| 1. Equipment & Techniques   | 5. Working drawings          | 9. Floor Planning                        |
| 2. Orthographic Projections | 6. Site selection & planning | 10. Interior & Exterior styling&planning |
| 3. Shading                  | 7. Landscaping               | 11. Careers                              |
| 4. Animation                | 8. Estimating                | 12. Others                               |

## AREAS OF STUDY:

- |  |                                    |
|--|------------------------------------|
| 1. Equipment & Techniques  | 8. Electronic and welding diagrams |
| 2. Orthographic projections                                      | 9. Aerospace                       |
| 3. Shading   | 10. Reproduction and duplication   |
| 4. Animation   | 11. Careers                        |
| 5. Working drawings  | 12. Others                         |
| 6. Fasteners, bearings and seals                                 |                                    |
| 7. Castings, moldings and tool designs (Manufacturing processes) |                                    |

## EXPECTATIONS FROM STUDENTS:

1. Demonstrate an understanding of basic fundamentals of drafting
2. Possess above average drafting and visualization skills
3. Must be able to work independently in solving problems encountered with advanced levels of work
4. Determination to take a job from start to finish

47 -	GENERAL MECHANICS (18 Weeks)		
	Credit: .5 Units	Grade Placement:	9, 10, 11, 12
	Semesters: 1	Prerequisite:	None

Course Description: This course is designed for car owners, not necessarily future mechanics, Introductory level instruction and lab activities provide learning experiences valuable to anyone that owns, or plans to own a car. Consumer knowledge related to buying automotive products, used vehicles, insurance, and new cars is included. Many lab activities enable students to perform vehicle component maintenance, replacement, and inspection.

#### AREAS OF STUDY:

1. Apply safety techniques in the performance of a task.
2. Demonstrate proper use of tools in the performance of tasks
3. Evaluate and inspect tire and brake condition.
4. Change and inspect oil, oil filter, and air filter plus lubricate chassis.
5. Evaluate and service both lighting and fuse systems.
6. Test and inspect an automotive battery.
7. Identify vehicle identification (VIN) and pertinent information panels.
8. Become a knowledgeable car consumer.
9. Inspect automobiles for safety.
10. Evaluate belts and hoses.

73 -	CABINET AND FURNITURE MAKING (18 Weeks)		
	Credit: .5 Units	Grade Placement:	10,11,12
	Semesters: 1	Prerequisite:	Wood Technology (71% 'C' or better)

Course Description: Advanced machine woodworking procedures and cabinet construction procedures will be taught by planning and building small furniture and cabinet-carcass type projects. Advanced machine woodworking procedures will be employed to construct drawers and doors through the use of dovetail joints, box joints, rail and stile, and raised panel-type operations to complete projects in small furniture and cabinet styles.

#### AREAS OF STUDY:

1. Ability to incorporate the fundamentals of good cabinet and furniture design.
2. Identifies a variety of cabinet and furniture styles.
3. Utilize appropriate materials.
4. Develop working plans for projects.
5. Utilizes appropriate joinery and assembly techniques.
6. Incorporates the required safety.
7. Select and use proper equipment for furniture making operations.
8. Manipulates jigs and fixtures.
9. Selects and applies appropriate finishing techniques.
10. Assesses a variety of furniture making careers.
11. Utilize 21 Century Skills

45 -	GENERAL CONSTRUCTION (18 Weeks)		
	Credit: 1 Units	Grade Placement:	11, 12
	Semesters: 1	Prerequisite:	Cabinet and Furniture Making (71% 'C' or better) and Instructor Approval

Course Description: The fundamentals of building construction will be taught through lecture, demonstration, and activities. Students will use construction models and will build a small structure to develop skill in the fundamentals of building construction.

#### Areas of Study

1. Describe carpenter's duties & sub-divisions within the occupation.
2. Analyze basic structural materials, names, and uses.
3. Recognize the OSHA safety regulation for the construction industry.
4. Demonstrate proper use and safety of basic hand and power tools.
5. Identify the names of the parts of a framed house.
6. Demonstrate how to read basic blueprints relating to rough framing.
7. Analyze and demonstrate proper use and installation of basic electrical, mechanical, and plumbing aspects and techniques.
8. Utilize 21 Century Skills

50 -	ELECTRONICS AND ELECTRICITY (18 Weeks)		
	Credit: .5 Units	Grade Placement:	10,11,12
	Semesters: 1	Prerequisite:	None

Course Description: This course teaches an understanding of how electronic devices work, how they are built, and how they are repaired. Students learn how electricity works by performing lab experiments, building devices, and using a computer. They also learn how computer parts work.

#### Areas of Study

1. Explain matter, using electron theory & law of static charges.
2. Identify components, schematic symbols.
3. Illustrate 5 ways of producing voltage.
4. Apply Ohm's Law correctly in problems.
5. Solder components using proper heat sinks.
6. Read electrical blue prints for residential wiring.
7. Determine appropriate gage wire and devices for given applications.
8. Utilize proper grounding and other electrical safety procedures.
9. Design and wire residential wiring based on given applications.
10. Explore electrical careers.

72 -	CAD 2 - ARCH. /MECH. TECHNOLOGY (36 Weeks)		
	Credit: 1 Unit	Grade Placement:	11, 12
	Semesters: 2	Prerequisite:	CAD 1 & Instructor's Permission

COURSE DESCRIPTION: This course is designed for students how want to take their CAD skills to the next level. The students will be using both Mechanical and Architectural CAD Software. Creating projects that require the selection of materials, estimating and making mock ups or models. Using CAD, modeling, shading, and rendering them into video animations. Students must be able to work independently in solving problems encountered with advanced levels of work.

#### AREAS OF STUDY:

1. CAD II Equipment & Techniques
2. 3D Modeling, Shading, and Rendering
3. Plotting/Printing
4. Animation/Videos
5. Careers

#### EXPECTATIONS FROM STUDENTS:

1. Must be able to work independently in solving problems encountered with advanced levels of work
2. Demonstrate an understanding of basic fundamentals of CAD/D
3. Develop and maintain computer skills.
4. Manage Computer file structures in a working environment
5. Determination to take a job from start to finish
6. Develop a better use of computers and technology in the world of work and school.

98 -	BASIC AUTOMOTIVE		
	Credit: .5 Units	Grade Placement:	10, 11, 12
	Semesters: 1	Prerequisite:	General Mechanics

Course Description: This is an introductory course dealing with the importance of construction and operating principles of the modern automobile. Operating systems such as brakes, electrical, and basic engine construction and operation will be covered in both textbook (theory) and lab (practical) instruction.

#### AREAS OF STUDY:

1. Identify, Remove, & Repair Worn Belts & Hoses
2. Identify, Remove, & Replace Engine Thermostat and Antifreeze
3. Check and/or Replace Engine Oil and Filter, Grease (lubricate) Vehicle per Manufacturers Specs
4. Minor Engine tune-up
5. Inspect Tires & Wheels for Damage and Irregular Wear
6. Perform Brake Inspections and Replace Components as Needed
7. Disassemble and Reassemble an Automotive Lower Engine Block.
8. Identify the Parts to and Test Automotive Starting and Charging Systems
9. Demonstrate the Proper Care and Use of Hand Tools and Power Tools
10. Apply Shop and Equipment Safety Rules Including Hazmat

## 99 - AUTO TECHNOLOGY 1 (18 Weeks) Meets in a double period

Credit: 1 Units  
Semesters: 1

Grade Placement 11, 12  
Prerequisite: Basic Automotive and Instructor approval

Course Description: Upon completion of this course, students will demonstrate an understanding of the skills necessary to be a successful entry-level auto technician. This is the first of a two course series that is designed to prepare students for working in the automotive service industry.

## Areas of Study

1. Apply shop and equipment safety rules including hazmat.
2. Evaluate the condition of the automotive steering and suspension systems and repair as needed.
3. Evaluate the condition of the automotive cooling/heating system and repair as needed.
4. Shop equipment maintenance and repair
5. Evaluate the automotive emissions and power train management systems and repair as needed.
6. Rapid use of printed and computer diagnostic manuals
7. Basic auto body techniques and procedures. Make up any missed work.

## 97 - AUTO TECHNOLOGY 2 (18 Weeks)

Meets in a double period

Credit: 1 Units  
Semesters: 1

Grade Placement 12  
Prerequisite: Auto Technology 1 and Instructor approval

Course Description: This course will focus on the practical application of skills learned in Auto Technology I. They will also operate the auto lab as a dealership service area scheduling all repair work and work schedules of the others in the class. An application must be completed. A screening process that takes into consideration attendance, Auto Technology I grades and a recommendation from a teacher and counselor will be used to determine final participants. Auto Technology I is a prerequisite.

## Areas of Study:

1. Effective use of computer diagnostic systems and equipment
2. Evaluate the automotive AC systems based upon industry identified standards and repair as needed.
3. Overhaul an automotive engine.
4. Manage repair costs and estimates.
5. Evaluate an automatic transmission/transaxle.
6. Demonstrate the ability to interact with others in a professional, courteous and tactful manner.
7. Advanced auto body techniques and procedures.

## 131 - WEBSITE DESIGN AND COMPUTER MAINTENANCE (36 weeks)

Credit: 1 Unit      Grade: 10, 11, 12  
Semesters: 2      Prerequisite: Computer Tech

Course Description: Website Design & Computer Maintenance is a comprehensive course that will teach each you how to design websites and maintain computers.

## Web Site Design:

The student will use design techniques, artwork, photos, virtual realities/surround videos (VRs) and sound to add punch to Home Pages. The student will learn HTML (the universal "language" of Web-site builders), Adobe GoLive (Adobe Creative Suite) and Flash for web authoring. Use digital cameras, scan in photos, create animation (Gif's), videos and include sound files. The student will work on and maintain the CCSD Website and design his/her personal webpage.

## Computer Maintenance:

Students in this program will also learn the technology of computer repair by working hand-on with the maintenance, repair and upgrades of the High Schools Computers and Networks. This course of study will provide troubleshooting on computer hardware, software and network activities for staff and students in the CHS district.

The completion of this course will provide lifelong learning and employment opportunities.

**AREAS OF STUDY:**

1. HTML
2. JavaScript
3. Java
4. Flash
5. VR (Virtual Realities - Surround Video)
6. Multimedia (Sound, Graphics, Animation, Video)
7. Others
8. Troubleshoot Software & Hardware
9. Upgrade computers
10. Repair & maintain computers and networks

**EXPECTATIONS FROM STUDENTS:**

1. Develop and maintain computer skills.
2. Develop a better use of computers and technology in the world of work and school.
3. Maintain computer functionality.
4. Develop and maintain personal webpage
5. Develop and maintain the school districts Internet/Intranet.
6. Develop and maintain the school districts website.

**Course Number**

NEW

**Course** Basic Welding**Credit:** 0.5**Semesters:** 1**Grade****Placement:** 11th grade and up**Prerequisite:** Advanced Metals, Materials, & Processes (71% 'C' or better) and Camanche High School instructor approval**Course Description:** This course covers basic shielded metal arc welding procedures in the flat position. Variety of hands-on projects/experiments integrates and reinforces theoretical concepts in the laboratory setting. Students will work toward certifying in the G3 test**Areas of Study:**

1. Work within the safety rules associated with all phases of welding.
2. Adjust the power source settings, strike and control the arc, manipulate the electrode and read the puddle in order to make sound welds.
3. Produce a quality single V-groove weld on 3/8" mild steel plate in the vertical (3G) position that passes a visual inspection and standard AWS Guided Bend Test.
4. Provide visual inspection criteria and to perform a standard AWS Guided Bend Test on single V-groove welds that have been welded in the 2G and #G positions on 3/8" mild steel plate.
5. Utilize 21 Century Skills

??? - VREP (Computer 3D Modeling/Animation/Gaming) I, II, III, IV (36 weeks)

Credit: 1 Unit                      Grade: 9,10,11,12

Semesters: 2                      Prerequisite: determined by your level of completion

**Course Description:** In VREP (Virtual Reality Education Pathfinder) students would complete 3D and/or Virtual Reality projects that have personal and educational relevance / importance. Students would explore topics of interest related to them in Virtual Reality Education Pathfinder (VREP) course.

This course would serve as an opportunity for students to expand their expertise with the Blender software, to explore 3D animation and game creation in greater detail, or to develop more advanced skills related to the program.

## 421 - WOMEN IN INDUSTRIAL TECHNOLOGY (18 Weeks)

Credit: .5 Units                      Grade Placement: 9,10,11,12  
 Semesters: 1                              Prerequisite: None

Course Description: This course will look at all of the trade and Technology courses. The students will get a sampling of construction, metals and welding, electricity, woodworking and manufacturing, and the automotive industry. This "Ladies Only" course provides a non-threatening environment for students to work with their hands and try other areas of interest.

## AREAS OF STUDY:

1. Apply safety in guided lab work.
2. Name parts and specify operations of lab equipment.
3. Know how to read project plans.
4. Demonstrate ability for teamwork.
5. Work collaboratively with other students.
6. Ability to identify ruler fractions.
7. Ability to select appropriate materials for projects
8. Ability to assemble/carry out projects.
9. Show responsibility in the work environment
10. Utilize 21 Century Skills

## ?? Advanced Metals, Materials, &amp; Processes

Credit: 0.5

Semesters: 1

Grade Placement: 10th grade and up

Prerequisite: Metals, Materials, &amp; Processes (71% 'C' or better)

Course Description: "The student will gain skills by building personal projects utilizing the skills acquired from the basic course. The occupations associated with the various areas and their requirements for entrance will be studied, as well as the technologies of the modern metalworking industries."

## Areas of Study:

1. Recognize Metalworking History and Research Technique
2. Investigate the make-up of Metals
3. Apply Shop Mathematics / Precision Measurement
4. Recognize Quality Control and Inspection Tasks
5. Demonstrate Advanced Metalworking Skills / Techniques
6. Identify Metalworking Careers and Career Planning Strategies
7. Practice Computer Numerical Control (CNC)
8. Utilize 21 Century Skills"

# **Mathematics Department**

**MATHEMATICS DEPARTMENT**

## 49 -ALGEBRA-B (36 Weeks)

Credit:	1 Unit	Grade Placement:	10
Semesters:	2	Prerequisite:	Algebra A or Instructor/Counselor approval

5 -ALGEBRA 1 (36 Weeks) (or Algebra A & B. **Required for Graduation**)

Credit:	1 Unit	Grade Placement:	9,10,11,12
Semesters:	2	Prerequisite:	"C" Average or Consent of Instructor

## 31 -PLANE GEOMETRY (36 Weeks)

Credit:	1 Unit	Grade Placement:	10, 11, 12
Semesters:	2	Prerequisite:	Algebra 1 with "C" Average or consent of instructor

## 61 -ALGEBRA 2 (36 Weeks)

Credit:	1 Unit	Grade Placement:	11, 12
Semesters:	2	Prerequisite:	Geometry, Algebra 1 & permission of instructor

## 117 -SURVEY OF GEOMETRY (36 Weeks)

Credit:	1 Unit	Grade Placement:	11, 12
Semesters:	1	Prerequisite:	Algebra 1 or Algebra A & Algebra B

## 62 -SURVEY OF ALGEBRA 2 (36 Weeks)

Credit:	1 Unit	Grade Placement:	11, 12
Semesters:	1	Prerequisite:	Plane Geometry or Survey of Geometry

## 80 -TRIGONOMETRY (18 Weeks)

Credit:	.5 Units	Grade Placement:	12
Semesters:	1	Prerequisite:	Algebra 2 and Plane Geometry, or instructor permission

## 81 -STATISTICS AND PROBABILITY (18 Weeks)

Credit:	.5 Units	Grade Placement:	11, 12
Semesters:	1	Prerequisite:	Algebra 2

## 83 -CALCULUS (36 Weeks)

Credit:	1 Unit	Grade Placement:	12
Semesters:	2	Prerequisite:	Algebra 2 and Trigonometry, or instructor Permission

## 335—MATH FOR LIFE

Credit:	1 Unit	Grade Placement:	12
Semesters:	2	Prerequisite:	Instructor/Counselor permission



**MATHEMATICS DEPARTMENT**

On the precedent that Mathematics is fundamental to every individual, the Mathematics Department exists to enlighten, encourage, assist, strengthen, instill, stimulate, and develop desirable attitudes, appreciations, and practical aspects of Mathematics.

5 - ALGEBRA 1 (36 Weeks)  
 Credit: 1 Unit                      Grade Placement: 9,10,11,12  
 Semesters: 2                        Prerequisite: "C" Average or Consent of Instructor

Course Description: Students will learn the basic structure and techniques in algebra and how to apply them to a variety of mathematical situations. Algebra I is designed to lay the groundwork for future study in higher mathematics.

**AREAS OF STUDY:**

- |  |                                  |
|--|----------------------------------|
| 1. Exponents   | 9. Rational & irrational numbers |
| 2. Operations with integers  | 10. Square roots & quadratics    |
| 3. Solving equations and applications in problem solving             |                                  |
| 4. Working with polynomials and factoring                            |                                  |
| 5. Operations and equations with algebraic fractions                 |                                  |
| 6. Solving inequalities and applications to problem solving          |                                  |
| 7. Graphing lines and graphing systems of equations in two variables |                                  |
| 8. Graphing inequalities   |                                  |

**EXPECTATIONS FROM STUDENTS:**

- |                              |  |
|------------------------------|--|
| 1. Willingness to learn      | 4. Take notes in class                 |
| 2. Responsible attitude      | 5. Complete required work satisfactory |
| 3. Exhibit good study skills |  |

31 - PLANE GEOMETRY (36 Weeks)  
 Credit: 1 Unit                      Grade Placement: 10, 11, 12  
 Semesters: 2                        Prerequisite: Algebra I with "C" average or consent of instructor

Course Description: A study which deals with figures made up of points, lines, angles, and planes. This course integrates content with meaningful applications and connections to real life. Students become logical stressing proofs and measurements using algebraic computations.

61 - ALGEBRA 2 (36 Weeks)  
 Credit: 1 Unit                      Grade Placement: 11, 12  
 Semesters: 2                        Prerequisite: Geometry, Algebra 1 with "C" average, or consent of Instructor

- **Graphing Calculator strongly recommended**

Course Description: The study of more advanced Algebraic topics, such as quadratic equations, imaginary numbers, progressions, inequalities, the binomial theorem, logarithms, and graphing calculators

117 - SURVEY OF GEOMETRY (36 Weeks)  
 Credit: 1 Unit                      Grade Placement: 11, 12  
 Semesters: 2                        Prerequisite: Algebra 1 or Algebra B

Course Description: This course is designed for students not pursuing math-related careers. This is an informal approach to Geometry stressing applications and constructions rather than deductive proofs.

62 - SURVEY OF ALGEBRA 2 (36 Weeks)  
 Credit: 1 Unit                      Grade Placement: 11, 12  
 Semesters: 2                        Prerequisite: Geometry or Survey of Geometry

Course Description: This course is designed for college bound students not pursuing math-related careers. Basic algebraic concepts are reviewed and extended with emphasis on A.C.T. problems.

80 - TRIGONOMETRY (18 Weeks)  
 Credit: .5 Units                      Grade Placement: 12  
 Semesters: 1                        Prerequisite: Alg 2 and Plane Geometry with "C" average or consent of instructor

Course Description: Designed for students interested in pursuing Math or Science-related careers. Topics include angles and their trigonometric functions, identities, trigonometry equations, graphs and solutions of right and oblique triangles.

## 81 – STATISTICS &amp; PROBABILITY

Credit: .5 Units                      Grade Placement: 11, 12  
 Semesters: 1                              Prerequisite: Algebra 2 with "C" average or consent of instructor

Course Description: This is a basic Statistics course that will prepare students for college programs in their specific disciplines. Upon completion of this course the student will be able to formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them; Select and use appropriate statistical methods to analyze data; Develop and evaluate inferences and predictions that are based on data; and Understand and apply basic concepts of probability.

## 83 - CALCULUS (36 Weeks)

Credit: 1 Unit                              Grade Placement:  
 12  
 Semesters: 2                              Prerequisite: Algebra 2 and Trigonometry with "C" average or consent of instructor

Course Description: Students whose first college math is expected to be Calculus are advised to take this course. Analytic Geometry is distributed throughout the course, and a knowledge of plane and solid geometry is necessary to work word problems. Some of the topics covered are functions and derivatives, differentiation of algebraic functions, applications of the derivative, differentials, the indefinite integral, and the definite integral, differentiation of transcendental functions, and methods of integration.

## 49 ALGEBRA B (36 Weeks)

Credit: 1 Unit                              Grade Placement: 10  
 Semesters: 2                              Prerequisite: Algebra A or Instructor/Counselor Approval

Course Description: This course is designed to be the second half of the Algebra 1 content. It is approximately the same content as would be covered during the second semester of the traditional Algebra 1 class. See the course description for Algebra 1 for more details

## 335 Math for Life (36 Weeks)

Credit: 1 Unit                              Grade Placement: 12  
 Semesters: 2                              Prerequisite: Instructor/Counselor approval

This course is designed to apply mathematics to real-life applications. Monthly budgeting, taxes, credit cards, apartment, home, car finance, insurance, etc. are among the topics covered.

# **Music Department**

**MUSIC DEPARTMENT**

## 18 -MIXED CHORUS (36 Weeks)

Credit:	1 Units	Grade Placement:	9 - 12
Semesters:	2	Prerequisite:	Instructor Approval

## 19 -BAND (36 Weeks)

Credit:	1 Unit	Grade Placement:	9,10,11,12
Semesters:	2	Prerequisite:	Approval of Instructor

## 52 -CONCERT CHOIR (36 Weeks)

Credit:	1 Units	Grade Placement:	10, 11, 12
Semesters:	2	Prerequisite:	<u>Audition in May</u> Must pass a written vocabulary test 70% or higher Sight-read previously unseen selection (approx 8 measures) Perform 8 measures of your choice from a piece learned in choir or chorus that year. Selection must be A'capella (unaccompanied) Sight-read a rhythm pattern and be able to clap pattern

## MUSIC DEPARTMENT

The department objective is to introduce students to all types of music possible and to instill in them an interest and/or appreciation of said music.

18 - MIXED CHOR US (36 Weeks)  
 Credit: 1 Unit                      Grade Placement: 9, 10, 11, 12  
 Semesters: 2                      Prerequisite: Instructor Approval

Course Description: The choir meets 5 times a week. Literature is easy to medium difficulty. Special emphasis will be given to correct singing techniques and basic musicianship. Concerts and performance attendance is mandatory. The choir performs approximately 5 times per school year. State & local eligibility must be maintained. Students who wish to continue choir for subsequent years are not required to move to Concert Choir. They may remain in Mixed Choir.

### AREAS OF STUDY:

1. Beginning four-part choral works both sacred and secular.
2. Singing of scales and intervals accurately.
3. Proper diction, diaphragmatic bi-costal breathing and tone placement concepts.
4. The singing of foreign languages: German, Italian, Spanish, Latin, etc.
5. Vocal health
6. Voice lessons with Director are required to address their individual needs and progress

### EXPECTATIONS FROM STUDENTS:

1. Attend all performances
2. Demonstrate a positive attitude
3. Become an independent learner of your choral part
4. Continued proper diction, diaphragmatic bi-costal breathing and tone placement concepts
5. Vocal Health
6. Be able to sing your part from memory
7. Become familiar with the music technology available in the Choir Department and its application to their independent learning and success. Times are set up to meet student and teacher's daily schedule.

19 - BAND (36 Weeks)  
 Credit: 1 Unit                      Grade Placement: 9,10,11,12  
 Semesters: 2                      Prerequisite: Approval of Instructor

Course Description: The band will meet 5 days a week, either marching band, concert band, pep band, depending on the time of year. Various styles of music will be explored. Emphasis will be given to: maintenance/care of instrument; rehearsal technique; understanding of musical forms, styles and symbols; expand development of all phases of musicianship; and expand ability to be sensitive to each other as musicians. Concert/Performance attendance is mandatory. The number of concerts/performances varies from year to year.

52 - CONCERT CHOIR (36 Weeks)  
 Credit: 1 Unit                      Grade Placement: 10, 11, 12  
 Semesters: 2                      Prerequisite: Audition in May

Course Description: The choir meets 5 times per week. Advanced 4 part singing of various music literature from sacred, secular, jazz, and popular music. There will be an emphasis towards A'Capella singing, All-State level repertoire, and foreign languages.

Students will be instructed in harmonization that is improvised. Concerts and performance attendance are mandatory. Appearances number about 7 performances per year. State & local eligibility must be maintained.

### AREA OF STUDY:

1. Advanced four part choral works both sacred and secular.
2. Singing of foreign languages: Latin, Italian, German, Spanish, etc.
3. Become an independent learner of your choral part.
4. Be able to sing your part from memory.

### EXPECTATIONS FROM STUDENTS:

1. Attend all performances
2. Demonstrate a positive attitude
3. Become an independent learner of your choral part
4. Be able to sing your part from memory
5. Be able to use music technology (Smart Music or Finale) as it relates to ongoing learning
6. Be able to improvise harmonies to known melodies
7. Voice lessons with Director are required to address their individual needs and progress. Times are set up to meet student and teacher's daily schedule.

**Physical Education  
Health  
&  
Health Occupations  
Department**

## PHYSICAL EDUCATION POLICIES

250 Units of credit per  
year.

All students must report to Physical Education the first week of each semester during the time that they are assigned. At this meeting, each student's specific PE class requirements will be discussed, including information on any exemptions due to medical excuses.

Failure to make up class work will result in a permanent unexcused (5 pts). Each student is allowed a maximum of 25 points off their class grade before automatic failure results. (Clothing =3, participation= 2). Tardies deduct one point per tardiness. In addition, participation can be regained as a bonus point under certain teacher-issued criteria. Points are accumulated per quarter. (Not more than 50 points off can be deducted before failure for the entire semester results)

**EXCUSED ABSENCES:** All students will be allowed one excused absence (family vacation, illness (not excused by doctor), school-sponsored, activity) each academic quarter. This will not have to be made up if the teacher is made aware of the excuse. Excused absences beyond this amount must be made up. This can be done during an early bird or study hall class.

**STUDENTS NEED TO HAVE THESE SESSIONS MADE UP WITHIN THREE WEEKS FROM THE DATE OF THE ABSENCE OR THE ABSENCE MAY BE CONSIDERED UNEXCUSED.**

\*Written excuses from parents/guardians will be excused by the teacher, but they will require make-up, unless a doctor's excuse later excuses that particular absence.

**EXTENDED MEDICAL EXCUSES:** Doctor's excuses should be presented to the school as soon as possible when a medical condition exists preventing the student from physical education participation. Copies need to go to the school nurse, school principal, and physical education teacher. Students on extended medical excuses will confer with his/her teacher to decide the level of participation/observation during the term of the medical excuse. Options include:

- a. Assist the instructor during class
- b. Complete written work pertaining to the activity
- c. Perform comparable work assignments

Students on extended medical excuses may be placed in a study hall, at the PE instructor's discretion. A student must participate in four weeks of class activity to be given a letter grade. Otherwise, an "E" will be given, indicating credit, but no grade.

**TEMPORARY MEDICAL EXCUSES:** any student who will be excused for class on a medical excuse for one week or less (by a doctor) will not be assigned to a study hall. He/she will observe class at the activity area and assist the teacher whenever possible.

**GAME DAY EXEMPTIONS:** The individual PE instructor may grant varsity level competitors an exemption from game day class participation once weekly. Those excused competitors should remain in the activity area, unless otherwise assigned.

**SWIMMING:** Students are expected to participate in 100% of the class time assigned for this activity area. Failure to meet this specific requirement can result in semester/quarter class failure. Student should be able to tread water in the deep end for 5 minutes and swim 2 lengths of the pool using a designated stroke. Students who have swimming medical excuses are required to dress out and participate in a substitute activity.

**HEALTH CLASS REQUIREMENT:** Each grade level will attend one quarter of health class presented by the school nurse or appropriate instructor each year. This time will be taken out of a student's scheduled PE class. A student out of PE class for medical reasons is still required to attend this health class (excused from their assigned study hall). Failure to attend or pass the requirements will necessitate further class attendance or adjustment to that student's PE grade.

**UNIFORM:** Students are not required to wear a specific physical education uniform. Students are expected to wear clean, appropriate clothing. Advertisements for controlled substances/profanity or offensive material will not be allowed. Students are expected to wear tennis shoes (fully laced) and socks when participating in activity. Cut-off jeans are not acceptable. Sweats may be worn when the weather dictates such apparel. (THE PE INSTRUCTOR IS THE JUDGE OF WHAT IS GOING TO BE ACCEPTED)

### **CLASS COMPOSITION:**

89 - PHYSICAL EDUCATION – FITNESS This course will emphasize health-related fitness and developing the skills and habits

necessary for a lifetime of activity. Movement forms may include the following: outdoor pursuits, aquatics, recreational games, individual and dual sports and some team sports. Ongoing assessment may include both written and performance-based skill evaluation. Heart Rate Monitors may be used to help students realize their cardiovascular fitness level.

90 - PHYSICAL EDUCATION – WEIGHT TRAINING This course will consist of 4 core lifts that will target the major muscle groups of the body and several different auxiliary lifts that work smaller muscles of the body and supplement the core lifts. These lifts require maintaining balance and a high level of coordination in the major muscle groups and will help develop students' athletic abilities. Student's final grade will be assessed in the eighth week of the weight lifting cycle in the form of a one rep maximum lift. In most situations, students will be expected to show a 10 lb. strength gain in three of the four core lifting exercises in order to maintain their current grade.

128 - PHYSICAL EDUCATION - CARDIO CLASS This class is another option for students to earn their eight semester credits of PE in order to reach graduation. This is a two semester class, which consists of 36 weeks. There is no prerequisite in order to attend and participate in this course to earn PE credit. PE cardio will consist of a number of cardiovascular and strength activities completed by each of the students. It will range from walking, jogging, P90X, Yoga, Zumba, Insanity, use of the weight room, and many other creative activities as the course develops over time.

130 - PHYSICAL EDUCATION - MILEAGE CLUB This class will consist of purely walking/jogging. This course is a full year or 36 weeks. This class is a class offered to students who need to gain their required PE credit but are not interested in the course which implements weights, games, or exercise programs. Each student will be graded by the use of pedometers which are supplied to them or the distance that they walk/jog in the given time limit each class meeting.

#### 44 - HEALTH (36 Weeks)

Credit:	1 Unit	Grade Placement:	10, 11, 12
Semesters:	2	Prerequisite:	None

Course Description: Every day everyone makes decisions and choices that affect physical, psychological and spiritual well-being. This course provides the information and understanding needed to make wise choices.

##### AREAS OF STUDY:

1. Health Foundation
2. Physical Activity and Nutrition
3. Mental and Emotional Health
4. Safe and Healthy Relationships
5. Personal Care and Body systems
6. Growth and Development
7. Tobacco, Alcohol and other Drugs
8. Diseases and Disorders
9. Injury Prevention and Environmental Health

##### EXPECTATIONS FROM STUDENTS:

1. Successful completion of all assignments and exams
2. Display good work habits and cooperative attitudes

#### HEALTH OCCUPATIONS

This two-year program is designed to survey various health related careers. The second semester is designed to prepare students for certification and employment in a health career at a hospital or nursing home following graduation from high school. The student will participate in classroom experience at Clinton Community College and work experience with the local medical community. Successful completion of both courses will prepare the student to become licensed as a Certified Nurse Assistant (CNA).

65 -	MEDICAL CAREERS 1 (18 Weeks) (2nd Semester) ( <u>Early Bird Class 7:00 - 8:51 a.m.</u> )		
Credits:	2	Grade Placement:	11,12
Semesters:	1	Prerequisite:	Biology recommended but not required

Course Description: Medical Careers 1 is a two-period class offered first semester and taught by Jean Morgan. During this course those students interested in a possible medical career will have an opportunity to explore the many health related careers. An added attraction is the opportunity to obtain 2 semester hours of credit from Clinton Community College in Medical Terminology.

Fees: Textbook, \$70.00

##### AREAS OF STUDY:

1. Learning medical terminology
2. Exploring medical career opportunities





# **Science Department**

**SCIENCE DEPARTMENT****2 -EARTH SCIENCE (36 Weeks) *Required for Graduation***

Credit:	1 Unit	Grade Placement:	9
Semesters:	2	Prerequisite:	None

**26 -GENERAL BIOLOGY (36 Weeks) *Required for Graduation***

Credit:	1 Unit	Grade Placement:	10,11,12
Semesters:	2	Prerequisite:	None

**59 -CHEMISTRY (36 Weeks)**

Credit:	1 Unit	Grade Placement:	10, 11, 12
Semesters:	2	Prerequisite:	Enrollment or passed Algebra II or Instructor

**60 -ANATOMY AND PHYSIOLOGY (36 Weeks)**

Credit:	1 Unit	Grade Placement:	11,12
Semesters:	2	Prerequisite:	C- or better in Biology or Instructor approval

**85 -PHYSICS (36 Weeks)**

Credit:	1 Unit	Grade Placement:	11, 12
Semesters:	2	Prerequisite:	Enrollment or passed trigonometry or Instructor approval

**54 -INTEGRATED SCIENCE (36 WEEKS)**

Credit:	1 Unit	Grade Placement:	11, 12
Semesters:	2	Prerequisite:	None

## SCIENCE DEPARTMENT

The development of skills and critical thinking contributes to the education of the total individual. All science courses should be relevant, and geared to the personal and social development of the student. It can be assumed that certain broad areas of personal and social significance should be studied by all students and therefore be part of required courses. These required courses should be organized around basic and important areas, issues and problems. Elective courses should be made available to all who care to take them and who would profit from them.

- 2 - EARTH SCIENCE (36 Weeks) **Required for Graduation**  
 Credit: 1 Unit Grade Placement: 9  
 Semesters: 2 Prerequisite: None

Course Description: A survey of Earth science as seen from Camanche: meteorology and weather forecasting; GIS systems and mapping; interpreting the rock record: minerals, rocks & fossils; tectonic process: mountains, volcanoes & earthquakes; river and groundwater systems; glaciers; the Earth's place in space.

- 26 - GENERAL BIOLOGY (36 Weeks) **Required for Graduation**  
 Credit: 1 Unit Grade Placement: 10,11,12  
 Semesters: 2 Prerequisite: None

Course Description: General Biology is a basic course of study of living things in the world around us. Biology will cover basic units in biological principles, the cell, genetics, evolution, microbiology, plants, animals, and a comparative anatomy of most life forms. The laboratory work that we will do centers on scientific procedure, microscope technique, and inquiry investigations, which will give us an understanding of structure and functions of different life forms. The General Biology course gives the student the opportunity to develop a needed understanding of what life and life around us is all about.

- 59 - CHEMISTRY (36 Weeks)  
 Credit: 1 Unit Grade Placement: 11, 12  
 Semesters: 2 Prerequisite: Enrollment in Algebra II, first semester grade of at least C- to advance to second semester

Course Description: A broad view of chemical principles. Chemistry requires good math skills and better study habits. Topics include: the atomic model; radioactivity; formulas and equations; stoichiometry; gas laws; thermodynamics; chemical bonding; molecular structure; acid-base chemistry.

- 60 - ANATOMY AND PHYSIOLOGY (36 Weeks)  
 Credit: 1 Unit Grade Placement: 11,12  
 Semesters: 2 Prerequisite: Open to Juniors and Seniors who have had one year of Biology with grades of C- or better (or permission of the instructor). Must have at least C- first semester to continue into second semester.

Course Description: This course is an in-depth study of the normal and abnormal structures of the human body. The course will cover the organizational levels of the human body, which includes: cells, tissues, organs and organ systems, as well as bones and muscles.

- 85 - PHYSICS (36 Weeks)  
 Credit: 1 Unit Grade Placement: 11, 12  
 Semesters: 2 Prerequisite: Trigonometry, first semester grade of at least C- to advance to second semester

Course Description: This course for students interested in science and technology topics offers an overview of classical physics: linear & circular motion; gravity; relativity; sound & light; electricity. Physics requires logical thinking. The course is a balance of laboratory work, detailed lecture, and problem solving with students applying knowledge to practical experimentation.

- 54- INTEGRATED SCIENCE (36 WEEKS)  
 Credit: 1 Unit Grade Placement: 11, 12  
 Semesters: 2 Prerequisite: None

Course Description: This course will present a general overview of physics and chemistry. Topics covered will include: motion, force, waves, chemical reactions, and acids and bases. Emphasis will focus mainly on hand-on lab activities relating to the world around the students.

# **Social Studies Department**

**SOCIAL STUDIES DEPARTMENT****3 - WORLD CULTURES (36 Weeks) *Required for Graduation***

Credit:	1 Unit	Grade Placement:	10
Semesters:	2	Prerequisite:	None

**27 - UNITED STATES HISTORY (36 Weeks) *Required for Graduation***

Credit:	1 Unit	Grade Placement:	11
Semesters:	2	Prerequisite:	None

**29 – CONTEMPORARY WORLD ISSUES (18 Weeks)**

Credit:	.5 Unit	Grade Placement:	10,11,12
Semesters:	1	Prerequisite:	None

**30 – AMERICAN HISTORY OF WARS THROUGH FILM (18 Weeks)**

Credit:	.5 Unit	Grade Placement:	10,11,12
Semesters:	1	Prerequisite:	None

**78/79 - GOVERNMENT & ECONOMICS (36 Weeks) *Required for Graduation***

Credit:	.5 Units, each	Grade Placement:	12
Semesters:	2	Prerequisite:	None

## SOCIAL STUDIES DEPARTMENT

The Social Studies department has an obligation to help each person realize his own worth and maximize his own potential by helping him to acquire the knowledge, skills, and values which will allow him to function effectively as a member of his society and the world.

### 3 - WORLD CULTURES (36 Weeks) **Required for Graduation**

Credit:	1 Unit	Grade Placement:	10
Semesters:	2	Prerequisite:	None

Course Description: A study of ancient civilization through the 1980s of four cultures: China, Japan, Middle East & CIS, and Commonwealth of Independent States (former Soviet Union).

### 27 - UNITED STATES HISTORY (36 Weeks) **Required for Graduation**

Credit:	1 Unit	Grade Placement:	10,11
Semesters:	2	Prerequisite:	None

Course Description: Taught with two objectives: first, to help the student UNDERSTAND man's past; second, to help the student INTERPRET that past in the light of present-day experiences.

### 29 - CONTEMPORARY WORLD ISSUES (18 Weeks)

Credit:	.5 Unit	Grade Placement:	10,11,12
Semesters:	1	Prerequisite:	None

Course Description: This course will focus upon problems that affect the world as a whole. Topics will include The Arms Race, over-population and relations between various countries. This course is designed to give a special emphasis in the area of geography, developing certain basic skills in map reading and interpretation of charts. This is designed to aid the college bound student who is interested in problems that affect the world around us.

### 30 - AMERICAN HISTORY OF WARS THROUGH FILM (18 Weeks)

Credit:	.5 Unit	Grade Placement:	10,11,12
Semesters:	1	Prerequisite:	None

Course Description: In this course, we will explore how visual representations of war in various media and genres have influenced, challenged, and transformed national identity and citizenship in the United States.

### 78/79 - GOVERNMENT & ECONOMICS (36 Weeks) **Required for Graduation**

Credit:	1 Units	Grade Placement:	12
Semesters:	2	Prerequisite:	None

Course Description: The course is designed to give students a better understanding about the historical development of government and its current processes in the United States. Students will gain knowledge that is crucial to all members of a democratic society and will empower them to exercise their civic duties and responsibilities. The class contains 7 units which focus on the follow essential questions:

1. What should be the goals of government?
2. In what ways should people participate in public affairs?
3. What makes a successful Congress?
4. What makes a good President?
5. What should be the role of the judicial branch?
6. How should a government meet the needs of its people?
7. What is the right balance of federal, State, and local government?

Students are expected to develop an understanding of the following through completion of the 7 units.

- Rights and responsibilities of each citizen and demonstrate the value of lifelong civic action.
- How the government established by the Constitution embodies the principles of democracy.
- The purpose and function of each of the three branches of government established by the Constitution.
- The similarities and differences among the complex levels of local, state, and national government.
- Strategies for effective political action that impacts local, state, and national governance.
- How laws are established at the local, state, and national levels.
- How various political systems throughout the world define the rights and responsibilities of the individual.



- The role of the United States in current world affairs.

#### Economics

Course Description: As you read the newspaper, listen to the news, surf the internet, or just talk to your family and friends, you come face to face with economic issues that affect you and those around you. As you progress through this class you will see that economics is largely a way of thinking about a wide variety of matters. Like learning to play a sport or a musical instrument, economic thinking is a skill that takes practice to develop. The class contains 4 units with a focus on:

1. Introduction to Economics
2. Businesses and Their Resources
3. Government, Banking, and Economic Stability
4. The Global Economy

Students are expected to develop an understanding of the following through completion of the 4 units.

- The role of scarcity and economic trade-offs and how economic conditions impact people's lives.
- The functions of economic institutions.
- Function of common financial instruments.
- How governments throughout the world influence economic behavior.
- How universal economic concepts present themselves in various types of economies throughout the world.
- The local, state, regional, national, & international factors that create patterns of interdependence in the global economy.
- The impact of advancing technologies on the global economy.

**Multi-Occupation  
Cooperative  
Education  
(Work Study)**

## MULTI-OCCUPATIONAL COOPERATIVE EDUCATION

68- Multi-Occupational Cooperative (36 Weeks) Credit: 3

(1 unit class time and 2 units on-the-job)

Semesters: 2

Grade Placement: 11, 12

Prerequisite: Instructor recommendation for all students, junior or Senior credit status

### Course Description:

A practical course to aid students in preparation for a more full and advantageous career preparation. Class units include sales, insurance, job interviews, job attitude, taxes, etc. Students attend four classes a day to meet graduation credit requirements and are placed in on-the-job occupations for the remainder of the day. Students will be required to sign agreements pertaining to Attendance of School and Work, and Transportation to the worksite.

### Areas of Study:

1. Selling/marketing
2. Career/Training
3. Job applications and letter writing
4. Applied business/career math
5. IBM word processor.
6. Standardized testing processes ( ie. ASVAB)
7. Automated business record keeping
8. Human relations
9. Taxes
10. Insurance
11. Personal budgeting
12. Resume writing
13. Interviewing/Speaking skills
14. Safety
15. Self-esteem concepts/Positive Mental Attitude
16. Use of "Choices" Program

### Expectations from Students:

1. Prepare a job seeking portfolio.
2. Apply knowledge learned in the course by demonstrating necessary human relations skills needed as a consumer or worker.
3. Compose a career preparation plan for post high school graduation which represents realistic goals and expectations.
4. Continually Improve competency in basic job keeping skills.
5. Interviewing project.
6. Career club participation
7. Complete "On-the-job" training for entire year with same employer.
8. Sign and Follow all agreements laid out at beginning of the school year.

Prerequisite extended: Students need to demonstrate a "pathway" towards becoming a "Career Completer". This means the student should have completed at least two courses in an occupational area that can lead to on-the-job training.

**Camanche High School**  
**\*LIBRARY MEDIA PROGRAM**

**LIBRARY MEDIA PROGRAM MISSION STATEMENT:**

In support of the Camanche Community School District's commitment to education excellence, the Camanche School Libraries empower students and staff to become effective users of information, promote collaboration, foster a lifelong love of reading and learning, and help patrons achieve their goals.

**To support this mission, the school library:**

- provides a welcome and safe environment for learning.
- promotes cultural and technological diversity in thinking and in resources in an effort to encourage a more global perspective in learners.
- works to develop information literacy, lifelong learning, and critical thinking skills in all its patrons.
- collaborates with teachers, administrators, support staff, parents, and students to provide the most valuable learning experience possible.

**Staffing:** The library is staffed by one full-time certified Teacher Librarian and one part-time associate.

**Hours:** The library is open 7:30-3:30 Mondays-Thursdays and 7:30-3:15 on Fridays. The library is closed on Monday mornings and on Wednesdays from 2:15-3:30 because of staff meetings. Study tables are available for students Mondays-Thursdays 3:30-7:30. Students may do homework, study, or make-up tests during this time.

**Materials:** As of August 2012, the library collection consists of over 10,000 materials, including over 2100 fiction books, over 3600 nonfiction titles, and 21 magazines. Students may also check out calculators and Flip Video cameras. Some eBooks are available.

**Policies:**

1. If you have overdue materials, you may not check out any new materials until the overdue materials are returned.
2. If you have unpaid fines over \$5.00, lost, or damaged books, you may not check out any new materials until the fines are paid.
3. You may check out books at any time during the school week. You may only have four books checked out at a time (excluding textbooks).
4. Most materials may be checked out for two weeks. Reference books, calculators, and other equipment may be checked out for one day.
5. You may use the computers to research, print, or create a product for any Camanche High School or college course work. Classes who sign up have first priority on library computers.
6. If your book is due but you are not finished, simply come in and renew it. Books on hold for other people cannot be renewed.

7. After a grace period of five days, your account will be charged \$.05 a day for a late book. Total charges will not exceed the price of the book. If a book is overdue, notice has been given, and the book is not returned by semester end, your account will be charged the full price of the book.

**Conduct in the Library:**

1. You are expected to use appropriate language and a reasonable voice level when speaking.
2. Researching, writing, composing, studying, and reading are all encouraged. If you wish to talk freely, please remain in your open study hall to do so.
3. Games (chess, checkers, and Bananagrams) are available and may be played quietly. Ask at the front desk.
4. Sleeping is not permissible.

\*See the library website for more details, including the school district's Acceptable Use Policy, Materials Selection Policy, and Reconsideration Policy, as well as access to the online card catalog and other resources (<https://sites.google.com/site/camanchehighschoollibrary/>).