

March 29, 2010

Dear Parents and Students,

This course registration booklet is designed to help in selecting courses for the upcoming year at Cassville High School and to help chart the future after high school. Please read the descriptions over and choose carefully. The guidance counselor, faculty, and I are available to help you with your choices. Meetings will be scheduled with each student later in the scheduling process to review requests and be sure that academic needs are being met.

If you are going to be a 9th or 10th grader, you will find elective choices limited due to the number of graduation requirements that are also listed in this booklet. It is still important that you list elective choices, however, as offerings will be partially determined by the number of requests received for each class.

If you are going to be an 11th or 12th grader, you will find you have more choices depending on your goals and how many classes you passed during previous years, but it is also extremely important that you list many elective choices. Depending on what classes are requested and when they will be offered, it is important that you provide flexibility with your schedule.

It is hoped that the course descriptions will prove helpful. Please do not hesitate to contact me with any questions or concerns.

Sincerely,

Mr. Kulland

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REQUIREMENTS FOR GRADUATION FROM CASSVILLE HIGH SCHOOL

- English:** **4 credits**
Courses Include: English 9, English 10, English Strategies, Junior Lit., Senior Com., Senior Lit.
- Mathematics:** **3 credits required & either math or science must be 4 credits required**
Courses Include: Advanced Math, Algebra I, Algebra II, AP Calculus (DL), Calculus, Math Apps. I, Math Apps. II, Statistics, Technical Math I (DL), Trigonometry
- PE:** **2 credits**
Courses Include: PE, Personal Fitness, and Advanced Pers. Fitness (offered ½ credit each year)
- Social Studies:** **3 credits**
Courses Include: Economics, Government, Psychology, Social Issues, U.S. History, Wisconsin History, World Civilization, and Intro. to Philosophy (DL), Intro. to Criminal Justice (DL) (students must **pass** Government in order to graduate)
- Sciences:** **3 credits required & either math or science must be 4 credits required**
Courses Include: Anatomy and Physiology, Animal Science, Biology I, Biology II, Chemistry, Chemistry II, Criministics, Dairy Science, Earth Science, Environmental Science, Horticulture, Physics, Soil and Crop Science, Veterinary Science, Natural Resources (DL), (some of these credit options may not be counted as science credits by some colleges, and students must **pass** Earth Science and Biology in order to graduate)
- Health:** **1/2 credit** (students must **pass** Health in order to graduate)
- Business:** **1 credit-** (must **take** Info. Processing and Personal Finance)
Other Business Courses Include: Accounting I, Advanced Accounting (DL), Accounting II (DL), Desktop Publishing, Intro. to Business, Business Law & Global Business (DL), Business & Consumer Law (DL)

*******17.5 credits required courses + 8.5 elective credits = 26 credits to graduate (after 2008) ******

NOTES: The school reserves the right to establish minimum enrollment limits appropriate to the classes listed in this booklet. A class may be cancelled, split into two sections, balanced for enrollment, have the instructor changed, or offered by distance learning network as needed by the school. Other administrator pre-approved or transfer credits may be used towards graduation requirements and graduation requirements may be different for students with an IEP.

Material fees will be established prior to the beginning of each school year.

Regulations regarding such matters as grading, attendance, etc. are contained in the Student Handbook or are distributed the first day of class.

REGISTRATION INFORMATION

A unit of credit is earned in a full year course which meets 5 days per week. A 1/2 credit is earned in the following ways:

- A semester course which meets 5 days per week.
- A year long course which meets on alternating days during a week.
- A year long course which meets a minimum of 1/2 of the available school days.
- A year long Teacher Assistant course which meets every day.

ADD-DROP PROCEDURE

Add-drops are strongly discouraged. Any student who would like to change his/her schedule must do so during the first week of the first semester and during the last week of the 2nd quarter and 1st week of the 3rd quarter for the 2nd semester classes. Schedules, however, will only be changed for three reasons:

- Administrative/counselor recommendation
- Teacher recommendation with administrative approval
- Student with parent request following a parent conference with the student, teacher, and principal (only extenuating circumstances will be considered).

Students will not be permitted to drop classes simply because they do not like the teacher or the course content, or that the course is too hard, or for similar reasons. Only valid reasons will be carefully considered. Students wishing to secure an add-drop slip should see your Guidance Counselor or Administrator.

Students requesting to drop after the second week period of a new course during the first or second semester, or are dropped at the request of the teacher because of non-academic concerns, will fail the course for the 9 weeks and/or semester.

DISTANCE LEARNING COURSES

Some courses will be taught via distance learning, which is via two-way interactive television at the Cassville studio. **DUE TO FUNDING OBLIGATIONS, STUDENTS WHO SIGN UP FOR THESE COURSES MAY NOT DROP THEM.**

Courses labeled SRTNC will be taught via two-way interactive television. The course may be taught in Argyle, Barneveld, Black Hawk, Cassville, Cuba City, Southwestern, Darlington, Iowa-Grant, Mineral Point, Prairie du Chien, River Ridge, Riverdale, Shullsburg, Southwest Technical College, CESA #3, UW-Platteville or some other institution. The teacher will always be seen and heard by all students at all sites and vice versa. The courses from other high schools carry full Cassville High School credit. Some courses may also carry technical school credit, college credit, or make college credit available (see following sections).

INDEPENDENT STUDY

1-2 semesters

1/2-1 credit

11-12 grade only

On occasion, independent study may be an option for a particular student. Generally, independent study will follow one of two paths:

1. A student, teacher and counselor will determine that the student ought to go beyond a course of curriculum's normal upper limits and independent study is beyond a course of curriculum's normal upper limits and independent study is the best way to do so; OR

2. A student, teacher and counselor will determine that a student ought to pursue course-work not normally available in the curriculum, and that independent study is the best way to do so.

The procedure for establishing an Independent Study course is as follows:

1. The student and teacher discuss the idea of an independent study. This discussion will produce:
 - A. A course outline containing the objectives of the course and the specific materials (i.e. text equipment) necessary for course’s successful completion.
 - B. A contract outlining the details of the student/teacher agreement.
 - C. A listing of dates by which the various tasks of the course are to be completed.
 - D. A statement, signed by both teacher and student, that each understands the contract agreement.
 - E. Approval of the agreement by the Principal, District Administrator, and the Board of Education.
2. Copies of all Independent Study Agreements will be maintained in the high school office.

COLLEGE CONCERNS AND PREPARING FOR COLLEGE

The range of courses offered at today’s high school is designed to prepare students with differing interests and abilities for a wide variety of life-after-high-school options. “College prep” courses are particularly appropriate for providing you with the academic background you need to succeed in a degree program at a college or university. Your college preparatory program should help you develop competence in four primary areas-English, mathematics, social studies, and natural science. College preparatory courses are characterized by the academic challenge they present, requiring time and intellectual effort extending beyond the classroom.

COLLEGE ENTRANCE MINIMUM REQUIREMENTS

Entrance requirements vary somewhat among different colleges and universities. Students interested in attending a particular college or colleges should contact the guidance office as soon as possible to obtain specific information. This should be done early in your high school career. However, most colleges generally accept the following requirements:

UNIVERSITY OF WISCONSIN SYSTEM

(may vary from campus to campus)

Students graduating from high school are required to take a minimum of 17 high school credits, distributed as follows:

I.	<u>Core College Preparatory Credits</u>	<u>17-19 credits</u>
	English	4 credits
	Mathematics (algebra & above)	3 credits
	Social Science	3 credits
	Natural Science (biology & above)	3 credits
	Foreign Language (some campuses)	2 credits (same language)

To determine which courses may be accepted within these categories, see your Guidance Counselor as soon as possible.

II.	Elective Credits	4 credits
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Chosen from the core college preparatory areas, foreign language (some UW schools require 2 years of the same foreign language like French I & II or Spanish I & II), fine arts, computer science, and other academic areas. Some UW System institutions may also accept technical school courses for some of these 4 elective credits.

College Entrance Examinations

Some colleges do not require any college entrance examination. Others require either A.C.T. or the S.A.T. See your counselor for information concerning the school or schools you are considering attending. Some technical schools require college entrance exams for certain Associate Degree Programs. You must check with your counselor about what you need.

COLLEGE CREDIT

Some courses may be taken for college credit. Others may be taken to gain knowledge necessary to take an Advanced Placement Examination. Classes listed as “Advanced Placement” have content that is beginning college level. Successful completion of these courses allows a student to take an optional exam in the course area and receive college credit before going to college if scoring a 4 or a 5 (5 maximum possible) on the exam. It may or may not be necessary to take the exam to take courses listed as AP. The youth options program, explained below, is one method of obtaining college credit.

Students who wish to enroll in college courses as part of youth options must notify the school board (complete form PI-8700A) of the student’s intention of enrolling no later than March 1 for a course to be taken in the fall semester and October 1 for a course to be taken in the spring semester. All college credit courses must be prior approved by the administrator and Board of Education. When applying for approved college credits to count towards meeting Cassville High School credit requirements, the following formula shall be used: 3 credits of college work equals ½ Cassville High School credit.

Articulation and transcribed credits can also be arranged for some courses between Cassville High School and post secondary schools. Please see the guidance counselor for more information.

TECHNICAL COLLEGE CONCERNS TECHNICAL COLLEGE AND OTHER SCHOOL REQUIREMENTS

Entrance requirements of other schools vary, depending on the type of school, but it can no longer be assumed that merely graduating from high school guarantees automatic acceptance at vocational and trade schools. Many specialized courses of study (for example practical nursing, engineering, technology) require a certain grade average plus basic courses in English, math, science, and social studies. To be absolutely certain that you will qualify for the school of your choice, see your counselor early in your high school career.

TECHNICAL COLLEGE COURSES

All technical school courses must be prior approved by the Administrator and Board of Education. When applying for approved technical school credits to count towards meeting Cassville High School credit requirements, the following formula shall be used:

4 credits of vocational schoolwork equal 1 Cassville High School credit.

3 credits of vocation school work equals ¾ Cassville High School credit.

Note: Exceptions to the above may be made pending a discussion with the technical school instructor and the District Administrator.

Students who wish to enroll in technical school courses as part of youth options must notify the School Board (complete form PI-8700A) of the student’s intention of enrolling no later than March 1 for a course to be taken in the fall semester and October 1 for a course to be taken in the spring semester.

YOUTH OPTIONS

Wisconsin’s Youth Options program allows public high school juniors and seniors who meet certain requirements (3.5 and senior status at UW-Platteville) to take post-secondary courses at a UW institution, a Wisconsin technical college or one of the state’s participating private nonprofit institutions of higher education. Approved courses can count toward high school graduation as well as for college credit.

This program opens the door to greater learning opportunities for motivated students who are considering a technical career, students wishing to begin college early, or students who want to prepare themselves to enter the workforce immediately after high school graduation.

Under Youth Options a student will not have to pay for a college course if the School Board determines the course qualifies for high school credit and is not comparable to a course already offered in the school district (a technical college course can be comparable under some circumstances). If the School Board approves the course, the student can receive both high school and college credit upon successful completion of the course. A student who successfully completes his or her high school graduation requirements will earn a high school diploma regardless of whether the requirements were met while attending the high school or a college.

Students who wish to enroll in technical school courses as part of youth options must notify the school board (complete form PI-8700A) of the student's intention of enrolling no later than March 1 for a course to be taken in the fall semester and October 1 for a course to be taken in the spring semester.

For clarification or questions on this program, please see the administrator, principal, or Guidance Counselor.

PUBLIC SCHOOL OPEN ENROLLMENT

Wisconsin's inter-district public school open enrollment program allows parents to apply for their children to attend school districts other than the one in which they live.

Wisconsin residents in grade kindergarten to 12 may apply to participate in open enrollment. Students in pre-kindergarten may participate in limited circumstances; parents should call their resident school district administrator to find out if their preschool-aged children qualify.

Parents must submit application forms to nonresident school districts during the first three weeks in February. For the 2004-2005 school year, parents must apply no earlier than February 2, 2004, and no later than February 20. (Late applications will not be accepted for any reason.) Application forms may be obtained (after December 15, 2003) from the Department of Public Instruction, PO Box 7841, and 125 S. Webster St., Madison, WI 53707-7841 or from any school district.

NON-DISCRIMINATION POLICY

It is the policy of the Cassville School District, pursuant to S. 118.13, Wis. Stats., and PI 9, that no person, on the basis of sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability, may be denied admission to any school in this district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extra-curricular, pupil services, recreational, or other program.

This policy also prohibits discrimination under related federal statutes, including Title VI of the Civil Rights Act of 1964 (race, color, and national origin), Title IX of the Education Amendments of 1972 (sex), and Section 504 of the Rehabilitation Act of 1973 (handicap).

Notes: The school reserves the right to establish minimum enrollment limits appropriate to the classes listed in this booklet.
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A class may be canceled, split into two sections, balanced for enrollment, or the instructor changed as needed by the school.
Regulations regarding such matters as grading and attendance are contained in the Student Handbook or are distributed the first day of class.

AGRICULTURE

Advanced Welding

AGR 1091

Credit: 1/2

Prerequisite: Intro to Welding

Open to: 10-12

Arc welding, including AC, DC, and wire feed welding skills, will be taught. The proper use and care of the equipment will be stressed. Braying and oxyacetylene torch cutting will be included.

Agriculture I & FFA

AGR 1011

Credit: 1

Prerequisite: None

Open to: 9-12

Topics and activities for this class include learning about the FFA organization, study of soils, crops, and livestock. Students also will get certification to operate farm equipment away from the home farm. A nine-week session of shop and shop projects is included.

Ag Mechanics

AGR 1081

Credit: 1/2

Prerequisite: None

Open to: 9-12

Ag Mechanics is the study of principles of the internal combustion engine, engine parts, power output, engine sizes, fuels, preventive maintenance, trouble-shooting, and repair of engine. Half of the time is spent in the classroom, and half of the time is spent in the shop.

Agricultural Metal Working and Fabrication

Credit: 1/2

AGR

Prerequisite: Welding and Power Tools, and Advanced Welding

Open to: 10-12

This course will cover a wide variety of topics and provide hands on experience in tap and die work, hot and cold metal work, cutting metal with various tools and repairing tools and equipment. It will also include working with pipes and tubing used for various agricultural purposes and will allow students time to do a project using the skills learned in the class.

Animal Science

AGR 1211

Credit: 1/2

Prerequisite: Ag I & FFA

Open to: 10-12

This semester course will study livestock and the livestock industry, including animal breeding, health, nutrition, and general management in more detail and depth. Species studied include beef, hogs, sheep, and poultry.

Dairy Science

AGR 1221

Credit: 1/2

Prerequisite: None

Open to: 10-12

All aspects of dairy cattle and milk production will be studied. This will include milking procedure, feeding, DHIA records, breeding, housing, judging, and health. Dairy Herd Management is an area with a severe shortage of trained people at this time.

Farm Management & Forages

AGR 1071

Credit: 1/2

Prerequisite: None

Open to: 9-12

In this class, we study the business aspects of farm ownership and operation. Financing, taxes, enterprise analysis, and record keeping are important. The production of forages will be covered as it pertains to the overall scheme in Southwest Wisconsin agriculture.

Greenhouse Management

AGR

Credit: 1/2

Prerequisite: Horticulture

Open to: 9-12

Greenhouse Management is designed for students to experience and learn the operation and management skills needed to operate a greenhouse business. This will include plant care and growth, heating and cooling, air quality, light quality, ventilation, finding and ordering supplies, seeds and growing media and other aspects which include selling and service to customers during our spring plant sale.

AGRICULTURE (Cont.)

Horticulture

AGR 1041

Credit: 1/2

Prerequisite: None

Open to: 9-12

This class provides an introductory study of horticulture and plants in general. We study their economic importance and will grow a large variety of plants in the lab or greenhouse environment. We grow plants in several different mediums, including in soil-less hydroponics' solutions. Students will be able to grow plants and flowers to use at home. Experiments will be conducted in fertility, plant breeding, and different methods of reproduction.

Practical Gardening

AGR

Credit: 1/2

Prerequisite: None

Open to: 10-12

In this course students will learn about vegetable and fruit production for the home gardener and commercial producer. Students will produce vegetables in the greenhouse and use some of them to experience processing and storage methods. Organic methods and requirements will also be studied.

Soil & Crop Science

AGR 1021

Credit: 1/2

Prerequisite: None

Open to: 9-12

Soil and crop science is a more in-depth study of soils and their characteristics and includes soil conservation practices. Fertilizer needs for crop production and soil testing, as well as an in-depth study of crops important in the area and others that have potential in our agri-system, will be covered.

Sustainable Agriculture

AGR 1231

Credit: 1/2

Prerequisite: AG I & FFA

Open to: 10-12

Sustainable Agriculture is designed to provide basic knowledge key to understanding economically and environmentally healthy method of growing food and fiber, supporting rural communities, decision-making considering impact on the environment, the local economy and neighbors, other aspects of the farm enterprise, scientific experimentation in the areas of crop and soil science using bottle biology experiments, and problem-solving--investigating the many options available to solve the problems agriculturists face today.

Veterinary Science

AGR 1241

Credit: 1/2

Prerequisite: Ag I, Animal Science, or Dairy Science

Open to: 10-12

This course offers an in-depth look at animal reproduction, health, physiology, nutrition, and general care. This course will include large and small species, including pets. Hands-on activities will include giving injections, administering medication, and some minor surgical procedures.

Welding & Power Tools

AGR 1051

Credit: 1/2

Prerequisite: None

Open to: 10-12

Welding and power tools are the introductory course of arc welding and use of power tools in the shop. Each student will produce some type of shop project or projects. FFA judging activities and contests will be included.

ART

Ceramics

ART 1511B

Credit: 1/2

Prerequisite: None

Open to: 9-12

Students gain a wide range of knowledge about ceramic techniques, including hand building, molding, and the potter's wheel. Both additive and subtractive methods of sculpture are covered. Many decorating techniques for ceramics are introduced. Art history is used to help students to understand where the art form comes from, and some of the artists who have become famous for while making it. Self expression is encouraged throughout the course.

Computer Oriented Art

ART 2151

Credit: 1/2

Prerequisite: None

Open to 9-12

Students will develop an awareness of how to use a computer to create art. This course will focus on using Adobe Illustrator and Adobe Photoshop to make artwork. Computer animation is the favorite portion of the class. History of computer art is used to help students understand the art form. Commercial art and how the computer drives the industry will be a focal point. We will study art and design concepts and learn how to use them in computer-generated art. We study current work in advertising, and in entertainment. Careers in computer art will be explored.

Crafts

ART 2111

Credit: 1/2

Prerequisite: None

Open to: 9-12

We will do a variety of needle, fabric, and paper crafts. We will also work with small clay projects and many other craft mediums. This class is a good chance to learn about beautiful crafts that you have benefited from all of your life, and understand how they are made. The history of the crafts is used to help students understand how the crafts were developed, and by whom the crafts were developed.

Drawing

ART 1513A

Credit: 1/2

Prerequisite: None

Open to: 9-12

This drawing course employs many types of drawing. We will use everything from pencil to speedball pens to explore the art of drawing. Art and design principals will be studied and employed. Self-expression is always encouraged in the drawing class. The history of drawing is an important part of the course. History helps students understand how important drawing has been to the development of civilization.

Painting

ART 2141

Credit: 1/2

Prerequisite: None

Open to: 9-12

Painting class will involve painting with watercolor, acrylic, tempera, and ink. Students will learn about design and art techniques that have been used for many hundreds of years. We use some very unusual materials to produce a variety of effects, and (hopefully) come up with some new and creative ideas of our own. Art history is a large part of the course. The art of famous artists is often used to help students understand techniques, and to see the messages artists were giving to the world.

Printmaking

ART 2161

Credit 1/2

Prerequisite: None

Open to 9-12

This course will focus on screen-printing (a type of printing that uses a screen and ink to transfer an image) on a variety of media such as paper, plastic and textiles. We will work on different types of screen-printing (direct and non-direct) and the career possibilities that screen-printing has to offer. We will also do linoleum cut printing. The history of printing making is a very important part in this course. Printing has had an enormous effect on social development.

BUSINESS

Accounting I

BUS 3121

Credit: 1

Prerequisite: Algebra I

Open to: 9-12

This course provides an understanding of the basic elements and concepts of double entry accounting systems. Activities include the accounting equation, the accounting cycle, entering transactions in journals, posting to ledgers, end-of-fiscal period statements and reports, payroll systems, banking activities, taxes, uncollectible accounts, depreciation, inventories, notes and interest.

Desktop Publishing

BUS 3211

Credit: 1

Prerequisite: Information Processing

Open to: 10-12

Students learn fundamentals and advanced features of desktop publishing software, including generally accepted publication guides and formats when laying out a publication. The Internet is used as a resource and communication tool. Scanning techniques and software to manipulate images is utilized. Students produce, market, and distribute the high school yearbook, publish a monthly high school newspaper, and complete projects for the school and greater community.

Information Processing

BUS 3001

Credit: 1

Prerequisite: None

Open to: 9-12

Students will continue to develop keyboarding and word processing skills and learn to format several business documents. They will continue to explore the internet, learn database and spreadsheet management techniques, use PowerPoint to prepare presentations, create web pages using several software avenues, learn to scan, and use software to manipulate images.

Introduction to Business

BUS

Credit: 1/2

Prerequisite: Information Processing

Open to: 10-12

Introduction to Business will introduce students to the world of business and help them to prepare for the economic roles of consumer, worker, and citizen. This course will serve as a background for other business courses taken in high school and in college, assist students with consumer decision-making, prepare them for future employment, and help students effectively perform responsibilities as a citizen.

Personal Finance

BUS

Credit: 1/2

Prerequisite: Information Processing

Open to: 10-12

Personal Finance is a course designed to provide students with practical money-management skills and an introduction to financial planning through course work that covers the fundamentals of money management. Topics include: personal budgeting, consumer loans and installment loans, credit cards and charge accounts, personal insurance, savings accounts, investments, social security, home ownership and purchase, personal taxes, retirement planning, career planning, and financial planning.

Web Page Design

BUS

Credit: 1/2

Prerequisite: Information Processing

Open to: 10-12

The goal of this course is to have students acquire usable Web Design skills. This is a complete one-semester course on Web Design using Microsoft's Web Expression Studio software and curriculum. Topics covered will include: History/Future of the Web, HTML, Designing for Communication, Working with Images, Beyond the Basics, The Design Process, The Production Process, Web Publishing and Maintenance. Most of the learning will be gained through hands-on experience.

ENGLISH

Communication in the Workplace

ENG

Prerequisite: Junior Literature

Credit: ½

Open to: 12

This semester course taken in conjunction with Social Issues and World of Work will focus on developing effective writing, speaking, and listening skills for the workplace. In addition to developing accuracy in oral and written workplace communication, other skills include problem-solving, time management, working in collaboration as a team, conflict resolution, developing tolerance for diverse populations, and vocabulary building. Students earning a B in the class may be eligible for articulation credit for the technical college course Workplace Communication, a required course at SWTC for students in the following courses of study: ag power and equipment, auto collision repair, auto technician, barber/cosmetologist, bricklaying and masonry, building trades-carpentry, esthetician, machine tool operation, performance engine machining, and welding.

English 9

ENG 4101

Credit: 1

Prerequisite: None

Open to: 9

This course is primarily concerned with grammar: parts of speech, parts of a sentence, et al. There is an added emphasis on literature, primarily an introduction to short stories and novels with attention to theme, plot, and characterization.

English 10 Composition

ENG 4201

Credit: 1

Prerequisite: English 9

Open to: 10

This course centers on writing paragraphs, compositions, and finally term papers. Students analyze the need for writing in their chosen career field and are introduced to elements of technical writing. During the course, a novel will be read with emphasis on comprehension. Critical thinking skills and vocabulary building are included.

English Strategies

ENG 4391

Credit: 1

Prerequisite: two years of English
and consent of instructor

Open to: 11-12

may be taken two years

English Strategies is a course designed for students with insufficient skills in any English area. This course will develop and reinforce English skills in speaking, writing, grammar, literature, and spelling. Individualized attention will be given to students identified with special needs, i.e. students needing to gain credit for a literature class will have a curriculum to reinforce all English skills, especially literature.

Junior Literature I

ENG 4311

Credit: 1

Prerequisite: English 10

Open to: 11

This course will revolve around literature from colonial America to 1915. Activities will include comprehension, speech, writing, and vocabulary. Students will read a play as well as selected stories from Mark Twain and Jack London anthologies. Juniors will explore in more depth their chosen career area and prepare a formal document in a technical writing format. Seniors will write an analytical paper using on-line database search techniques.

Junior Literature II

ENG 4321

Credit: 1

Prerequisite: English 10

Open to: 11

This course will revolve around American Literature from 1915 to the present. Activities will include comprehension, speech, writing, and vocabulary. Students will read two novels and explore modern drama. Juniors will also explore their chosen career area in more depth and prepare a formal document in a technical writing format. Seniors will write an analytical paper using on-line database search techniques.

ENGLISH (Cont.)

Senior Communication – Semester 1

ENG Credit: 1/2
Prerequisite: Junior Literature Open to: 12

This semester course will include the study of written and oral communication skills used in post-secondary training and/or the workplace. Students will create resumes and portfolios, learn successful job interviewing techniques, and investigate gender diversity issues. Specific skills include creating memos, visual aids, and progress reports, as well as writing and delivering oral presentations. Students earning a B in the class may be eligible for articulation credit for the technical college course Written Communication, a required course at SWTC for students in the following courses of study: accounting, administrative assistant, agribusiness/science technology, finance, child care, criminal justice, culinary management, electro-mechanical technology, golf course management, human services, information technology, marketing, mechanical design, nursing, and supervisory management.

Senior Communication – Semester 2

ENG Credit: 1/2
Prerequisite: Junior Literature Open to: 12

This semester course will include the study of written and oral communication skills used in post-secondary training and/or the workplace. Students will create resumes and portfolios and learn successful job interviewing techniques. Specific communication skills include creating and designing professional documents. Because the course is designed mainly for students pursuing a four-year degree, a significant portion of the course is focused on developing speech writing and delivery skills. Students earning a B in the class **may** be eligible for articulation credit for the technical college course Oral/Interpersonal Communication. At this time the agreement for articulation credit is tentative.

Senior Literature

ENG Credit: 1/2
Prerequisite: Junior Literature Open to: 12

This course includes an extensive array of literature from a variety of cultures, but it features a preponderance of British and American pieces. The course will utilize a variety of literary types to expose the students to a wide range of literary styles and ideas reflecting a wide range of cultural beliefs. The course will also use regular vocabulary work to both enhance the students' comprehension and extend their vocabularies. The students will be expected to write a literary analysis based on style and on content. Much of the reading will come from the textbook, but there will be an assortment of supplemental books, which may be used in whole or part as befits the material.

FAMILY AND CONSUMER EDUCATION (Possible Option)

Foods I

FCE 9111 Credit: 1/2
Prerequisite: None Open to: 9-12

Foods I covers basic nutrition, grocery shopping, food safety, cooking utensils, and terms. Students will study the basic cooking techniques in a lab setting.

Foods II

FCE 9121 Credit: 1/2
Prerequisite: Foods I Open to: 9-12

This course will cover special diets, eating disorders, kitchen design, china, crystal, tableware, cook and bake ware, and appliances. The students will study advanced cooking techniques in a lab setting.

MUSIC

Applied Music

MUS 2621

Credit: 1/2

Prerequisite: Applied music as JH student;
consent of instructor

Open to: 9-12

Students learn guitar and keyboard basics in this hands-on, self-paced course. Students perform at the winter and spring music concerts.

Band

MUS 6011

Credit: 1/2 may be taken 4 yrs

Prerequisite: None

Open to: 9-12

The student will perform on a band instrument in conjunction with other students. The student will be given additional instruction in the form of a private lesson, for one 10-15 minute period each week. Attendance and performance at all parades and concerts are required. Prior experience on a band instrument is preferred, but not required for admittance to the course.

Chorus

MUS 2521

Credit: 1/2 may be taken 4 yrs

Prerequisite: None

Open to: 9-12

Chorus is a performance class with emphasis on group singing, using a variety of music from show tunes to pop to classical. Members participate in several required performance events throughout the year. If they so choose, they also have the opportunity to compete in the WSMA Solo and Ensemble Festival events.

Hand bells

MUS

Credit: 1/2 may be taken 4 yrs

Prerequisite: None

Open to: 9-12

Hand bells is a performance class, which alternates with Chorus. Students in hand bells learn to ring up to 5-6 bells each and develop a wide repertoire of music. Members of the Hand Bell Choir participate in several required school and community performance events throughout the year.

Music Theory

MUS 2811

Credit: 1/2

Prerequisite: Consent of instructor

Open to: 11-12

This course focuses on Advanced Music Theory, ear training, and the history of Western Music (Renaissance, Baroque, Classical, Romantic, and 20th Century). It is designed as a college prep course for music majors but is open to any junior or senior who wants to study music in great depth.

PHYSICAL EDUCATION

Advanced Personal Fitness

PHY 5921

Credit: 1/2

Prerequisite: PE 9, Personal Fitness

Open to: 11-12

This course presents advanced strength training and conditioning theory and practice. Designed primarily for students with personal fitness experience in grades 11th or 12th. Content includes exercise physiology, nutrition, testing and evaluation, exercise techniques, program design, organization and administration of the strength and conditioning facility.

Physical Education 9

PHY 5611

Credit: 1/2

Prerequisite: None

Open to: 9

The Physical Education instructional program includes fitness testing, flag football, and grass volleyball, field hockey, archery, volleyball, indoor recreational games, bowling, pickle-ball, basketball, weight training, conditioning, softball, tennis, and golf.

Physical Education 10-12

PHY 5811

Credit: 1/2

Prerequisite: PE 9

Open to: 10-12

The Physical Education instructional program includes fitness testing, flag football, grass volleyball, field hockey, archery, volleyball, indoor recreational games, bowling, pickle-ball, basketball, weight training, conditioning, softball, tennis, golf, floor hockey, exercise videos, badminton, speedball and soccer.

SCIENCE (Cont.)

Criminalistics

SCI 7341

Prerequisite: 3 earned science credits OR concurrently enrolled in chemistry/physics Credit: 1/2
Open to: 11-12

This course will give students an opportunity to apply laboratory techniques to a variety of investigative settings. It will promote positive relationships between students and individuals from forensic-related occupations.

Dairy Science

AGR 1221

Prerequisite: None Credit: 1/2
Open to: 10-12

All aspects of dairy cattle and milk production will be studied. This will include milking procedure, feeding, DHIA records, breeding, housing, judging, and health. Dairy Herd Management is an area with a severe shortage of trained people at this time.

Earth Science

SCI 7101

Prerequisite: None Credit: 1
Open to: 9

Earth Science will help the student gain an understanding of the earth's composition, land masses, topography, water distribution, continuous changes in the earth's crust, types of minerals, rock (all types), and conservation of natural resources.

Environmental Science

AGR 1031

Prerequisite: Earth Science Credit: 1/2
Open to: 10-12

Introduces the principles of ecology, which focuses on the relationship between people and the environment, energy resources, and managing the human impact on the environment. There are numerous laboratories, in class and in the field.

Horticulture

AGR 1041

Prerequisite: None Credit: 1/2
Open to: 9-12

This class provides an introductory study of horticulture and plants in general. We study their economic importance and will grow a large variety of plants in the lab or greenhouse environment. We grow plants in several different mediums, including in soil-less hydroponic solutions. Students will be able to grow plants and flowers to use at home. Experiments will be conducted in fertility, plant breeding, and different methods of reproduction.

Physics

SCI 7321

Prerequisite: Algebra I & Geometry Credit: 1
Open to: 11-12

Physics allows students to explore how the world works through labs, demonstrations, and projects. Emphasis is on basic concepts rather than mathematical solutions. Mechanics, light, sound, electricity, and magnetism are the main topics. Individual projects are an important part of the class.

Soil & Crop Science

AGR 1021

Prerequisite: None Credit: 1/2
Open to: 9-12

Soil and crop science is a more in-depth study of soils and their characteristics and includes soil conservation practices. Fertilizer needs for crop production and soil testing, as well as an in-depth study of crops important in the area and others that have potential in our agri-system, will be covered.

Veterinary Science

AGR 1241

Prerequisite: Ag I, Animal Science, or Dairy Science Credit: 1/2
Open to: 10-12

This course offers an in-depth look at animal reproduction, health, physiology, nutrition, and general care. This course will include large and small species, including pets. Hands-on activities will include giving injections, administering medication, and some minor surgical procedures.

SOCIAL STUDIES

Economics

SOC 8321

Credit: 1/2

Prerequisite: U.S. History

Open to: 11-12

At its most basic level, economics is the study of how people make choices when they face a limited supply of resources. Students would be covering this basic premise and applying it to the economic systems of our world, with the focus on the free-enterprise system of the United States. Microeconomics, business and labor, money and finance, government involvement in the economy and macroeconomics would be covered in this course. Due to the increased advancement in technology in our school, the integration of computers could be an integral part of this course.

Government

SOC 8221

Credit: 1/2

Prerequisite: U.S. History

Open to: 11-12

Government is a course that will introduce students to their government at the state, national, and local levels. Students will participate in political concepts and discover the rights and responsibilities that they have as citizens of the United States. Students will also be given the opportunity to debate and discuss current political events and to explore and define how government affects their lives.

Psychology

SOC 8311

Credit: 1/2

Prerequisite: U.S. History

Open to: 11-12

Psychology is a course that is designed to give students a better understanding of the way that people may behave. It will present them with topics of interest to psychologists and people in general. The course looks at the way people see the world, how people develop emotionally and psychologically, and also various psychological concerns that people may have. Psychology can allow for more self-awareness and for more understanding of others. Students will increase their knowledge of others within this course and be able to apply this knowledge to everyday life.

Social Issues

SOC

Credit: 1/2

Prerequisite: None

Open to: 11-12

This course is an elective. It will last for a semester. The course will focus on current issues of concern in the United States and the World. Topics that may be covered include: Equity, Poverty, Healthcare, Education and the 'Pop Culture' of the U.S. and the World. In this course students will research and discuss issues from opposing viewpoints. It is hoped that students will become better problem solvers and rational decision makers in our diverse world through this course.

United States History

SOC 8211

Credit: 1

Prerequisite: World Civilization

Open to: 10-12

This course covers the history of the United States from the discovery and colonization of America to present day U.S. History. The course is designed to make the students aware of their country's history and government.

Wisconsin History

SOC 8348

Credit: 1/2

Prerequisite: U.S. History = B or better

Open to: 11-12

This is a course offered through distance learning from Cassville High School.

This class is a study of the history and geography of Wisconsin. The course will feature a unit on Native American History. Field trips will be taken to Madison to visit the Historical Society and capital.

World Civilization

SOC 8111

Credit: 1

Prerequisite: None

Open to: 9-10

The course of World Civilization has as its focus the major events, people, and situations that shaped our world into what it is today. In this course, students will be learning about civilizations from the ancient times to modern times. World Civilization will help students to learn about the cultures of Europe, Asia, Africa, North America, and South America. This course will allow students to see how every culture in our world built upon each other and learned from each other.

TECHNOLOGY EDUCATION

Architecture

TEC 1711

Credit: 1/2

Prerequisite: Intro to CAD

Open to: 9-12

This course offers students the opportunity to explore the fundamentals of drafting and concepts of basic architectural designs. Students will use sketching and CADD to draw examples of room designs. They will also learn about building materials, financing, and building codes. The large final project will be designing and drafting a dream home, with restrictions from the instructor.

Cabinetmaking

TEC 1661

Credit: 1/2

Prerequisite: Woodworking

Open to: 9-12

Students will choose and develop their own goals and objectives. There will be a few lectures, some tests, and lots and lots of shop time. We will be doing projects of a high caliber. Each project will have to meet specific high woodworking standards. This course will also be working with finishing materials and operations. A terrific course for both a vocational and vocational opportunities. Fees will be charged for materials used.

Carpentry/Construction

TEC 1651

Credit: 1/2

Prerequisite: Woodworking

Open to: 9-12

This course will cover several areas of light/residential construction. Background information on terms, tools, techniques, materials and safety will be covered before hands on activities will start.

Engineering and Design

TEC 1636

Credit: 1/2

Prerequisite: Visual Comm, or Intro to CAD,
or Construction, or Woodworking

Open to: 10-12

This course will deal with solving technical-mechanical-electrical problems. Students will learn problem solving skills, mechanical/scientific laws, and basic machine operations. They will apply their ideas by creating Rube Goldberg machines and other machines. This is a great course for students with a creative mind or for students pursuing careers in engineering, design, or manufacturing. Materials will need to be purchased for projects.

Home Decorating and Repair

TEC 1635

Credit: 1/4

Prerequisite: None

Open to: 9-12

This course is intended for students to become familiar with aspects of home construction, dry walling, painting, wallpapering, staining, and varnishing. Other activities will include how to install doors and windows, and how to improve energy efficiency. It will also cover how to repair common problems in the home like faulty switches or outlets, and cracks and holes in the walls. No previous shop experience is necessary. Students will work in small groups to complete short activities.

Independent Study in Technology

TEC 1634

Credit: 1/2

Prerequisite: At least two tech. Ed courses

Open to: 11-12

This course is intended for all students with a specific career or skill in mind. Students must demonstrate the ability to work independently and productively. They should fill out an application and get approval from the tech. ed. instructor, guidance counselor, and principal. The teacher and student will make a study contract that will have specific things to do and accomplish. Independent studies are available in Graphic Arts, Photography, Cabinetmaking, and Electronics. Materials will need to be purchased for projects and supplies.

Industrial Enterprise

TEC 1633

Credit: 1

Prerequisite: Woodworking

Open to: 9-12

Students will be given the chance to create, design, operate, and even fund their own enterprise. It starts with leadership, a company CEO, someone to oversee the business, all the way from concept to creation. Accountants will be needed to handle money management issues; advertising and market research will decide the need of our clients. Don't forget we need someone to produce our product, so we are looking for skilled hands to create high quality wood products, jobs such as woodworkers, assembly workers, finish workers, and even safety managers. In this class students can even invest in their product. Buy stock early in the process and you could be making money just by coming to school. It up to you to make a profit or you might lose the money that you invest.

DISTANCE LEARNING COURSE OFFERINGS

(These courses may be subject to change due to availability from the host school.)

Updated distance learning course offerings can be found at:

<http://www.cesa3.k12.wi.us/it/catalog.cfm>