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Freshman Courses

CC English 1 A-B[CC English 1 A-B Syllabus-2014-2015.pdf](#)[MTCHS CCS for 9-10 ELA.pdf](#)Teacher: [Debbie Riley](#)**Course Information:****Open to:** Freshmen**Prerequisites:** None**Required:** Yes**Credits:** 2**Length:** 1 year**Description:** As Freshmen, students review written language conventions, expand vocabulary, practice the writing process, prepare expository/descriptive/narrative essays, learn presentation skills, prepare and present informative speeches, read from a variety of sources to strengthen process and comprehension skills, and participate in project-based activities.**Freshman Computing and Internet Core**[CIC syllabus 2014-15.pdf](#)Teacher: [Jeff Bodell](#)Teacher: [Duane Erickson](#)Teacher: [Debbie Riley](#)Teacher: [Rebecca Torek](#)

Open to:



Freshmen,

Prerequisites: None**Required:** Yes**Credits:** 2**Length:** 1 year

Description:

This course includes computing fundamentals which covers, what a computer is; processing and analyzing data; software; hardware; troubleshooting; programming; networking; media communications; problem solving; and the social and ethical issues surrounding technology. The course is intended to introduce key applications including databases, media creation software, Internet browsers, and operating system tools like backup and recovery. This course encompasses living online with networks, the Internet, on-line research, and web page design. Extensive coverage of ethical, security and privacy issues is discussed. IC³ is an industry certification. For more information click [here](#).

Integrated Mars Project 2015



- [IntegratedMars2014.pdf](#)
- [Mars Project CC Standards.pdf](#)



Integrated Mars 2014 -

- Teacher: [Jeff Bodell](#)
- Teacher: [Robert Caldwell](#)
- Teacher: [Eric Olsen](#)
- Teacher: [Andrew Pence](#)
- Teacher: [Debbie Riley](#)
- Teacher: [Elaine Shannon](#)

School To Work 2014

- [STW Syllabus 2014-15.pdf](#)



Course Information:

- Open to:** Freshmen
- Prerequisites:** None
- Required:** Yes
- Credits:** 1
- Length:** 1 semester

As Freshmen, students will be introduced to career and industry expectations, such as the following:

- leadership
- teamwork
- communication
- professional dress
- following rules
- promptness
- etiquette

Description:

Students will also review how stress can affect his or her lifestyle and health, and why, in the workplace, "personality" matters.

FR- Earth Science - 2014-2015

 [ES-StandardsandCommonCore-2014.pdf](#)

 [ES-TT-Syllbaus-Fall-2014.pdf](#)

Teacher: [Jeff Bodell](#)

Open to:



Freshmen,

Prerequisites:

Required: Yes

Credits: 2

Length: 1 year

Description:

This course provides students with an understanding of the different parts of earth's systems. These systems are explored through areas of physical and historical geology, meteorology, and astronomy. Emphasis is placed on interactions between the earth's natural systems and humans. With the use of visual aids, models, and computers, this course is designed to discover earth science as a hand-on experience.

FR - Tech Tools 2014

 [TechTool-Standards-2014.pdf](#)

 [TechToolsSyllabus-14-15.pdf](#)

Teacher: [Jeff Bodell](#)

Open to:



Freshmen,

Prerequisites:

Required: Yes

Credits: 1

Length: 1 Semester

Description:

Technology Tools is a course designed to integrate elements of technology, professionalism and academics in Earth Science. Participants will utilize different programs to complete project based assignments related to Science, Math and English. This course utilizes MS Office 2013 for the various integrated activities .

FR: Spanish 1A

 [Competencies.pdf](#)

 [Syllabus.pdf](#)

Teacher: [Andrew Pence](#)

Course information

Open to: Freshmen,

Prerequisites:

Required: Yes

Credits: 2

Length: 1 year

Description: This class introduces students to basic Spanish conversation, vocabulary, grammar, history, and culture.

HS Math 1 Advanced (Algebra 1 2014)

 [Honors Algebra II.pdf](#)

Teacher: [Robert Caldwell](#)

Open to: Freshmen

Required: Yes

Credits: 2

Length: All Year

Description: Fundamentals of Algebra including Linear and Quadratic Functions. This course follows the Common Core Standards for Idaho.

Study Skills

 [Study Skills Syllabus.pdf](#)

Teacher: [Robert Caldwell](#)

Teacher: [Eric Olsen](#)

Teacher: [Debbie Riley](#)

Course information:

Open to: Freshmen

Prerequisites: None

Required: Yes

Credits: 1

Length: 1 Semester

Description:

All Freshmen are enrolled in a Study Skills class which prepares them for success in high school and /or postsecondary education. This course is designed to provide extra time and assistance to our freshmen during the instructional day. Primarily, students will use this time to complete academic and technical classwork from all other courses combined. Instructors may also cover various topics throughout the year. Course topics may vary according to the students involved, but typically include: reading improvement skills, note-taking, outlining, research skills, analytical skills, organizational skills, vocabulary skills, and test-taking skills. Hygiene,

nutrition, social skills, and professionalism may also be included in the curriculum. This is a pass/fail course.

HS Math 1 (Algebra I 2014)

Teacher: [Robert Caldwell](#)

Open to: Freshmen

Required: Yes

Credits: 2

Length: All Year

Description: Fundamentals of Algebra including Linear and Quadratic Functions. This course follows the Common Core Standards for Idaho.

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Sophomore Classes

SO: Hardware--Beebe / Riley[Hardware Syllabus-2014-2015.pdf](#)[Sophomore HE Standards and Competencies.pdf](#)Teacher: [Dennis Beebe](#)Teacher: [Debbie Riley](#)**Course Information:**

Open to: Sophomores

Prerequisites: Computing and Internet Core

Required: Yes

Credits: 2

Length: 1 Year

Description:

Students will be introduced to basic computer installations and troubleshooting. They will learn to identify the various parts of the computer and network. This class introduces them to basic troubleshooting skills and also customer service.

CC English 2A & 2B 2014[CC 2A B Syllabus.pdf](#)[Standards 9-10.pdf](#)Teacher: [Elaine Shannon](#)Teacher: [Karl vonderehe](#)

Open to: Sophomores,

Prerequisites: Successful completion of CC English 1A & 1B or equivalent course.

Required: Yes

Credits: 2

Length: 1 year

Description:

As 10th graders, students review written language conventions and the writing process, expand vocabulary, practice technical communication writing styles, model a variety of technical document formats, refine presentation

skills with persuasive speeches, read a variety of works of literature, and prepare pathway applications.

SO: US History Comprehensive A&B

 [Standards.pdf](#)

 [Syllabus.pdf](#)

Teacher: [Emalee Merrell](#)

Teacher: [Elaine Shannon](#)

Open to: Sophomores,

Prerequisites:

Required: Yes

Credits: 2

Length: 1 year

Description: An interdisciplinary and multicultural study of the evolution of U.S. history, culture, and society from the British colonies to The Cold War. The class will integrate literature from the various time periods in order to further enhance the curriculum. This course is a chronological and thematic survey of our nation's past, with emphasis placed on 20th century America, special emphasis is placed on historical cause and effect and events, movements, and people who have established/ impacted the American past. The course promotes an appreciation and awareness of the richness of our history and institutions.

Design and Development 2014

 [Design and Development Syllabus.pdf](#)

Teacher: [Duane Erickson](#)

Open to: Sophomores,

Prerequisites: Computing and Internet Core or Equivalent Course

Required: No

Credits: 2

Length: 1 year

Description: One year block. Students enrolled in Design & Development (D&D) will explore some of today's most exciting areas of media design and programming in preparation to enter their chosen pathway in their Junior year. Students interested in Media Arts and/or Programming should seriously consider this class for their Sophomore year technical class. Topics include: web page development, digital photography, video production, programming, web scripting, CSS and Design Theory. Students will explore these areas while taking part in a real work simulation. In the simulation students will be responsible for clients as well as meeting deadlines.

SO-Biology - 2014

[Biology-Standards-2014.pdf](#)



[BiologySyll-2014-15.pdf](#)

Teacher: [Jeff Bodell](#)
Teacher: [Emalee Merrell](#)



Open to: Sophomores,

Prerequisites:

Required: No

Credits: 2

Length: 1 year

Description: Sophomore **Biology Investigations Online** is designed to fulfill State of Idaho requirements. Students will study issues and concepts related to ecology, biochemistry, evolution, cell structure and function, human anatomy, and plant structure.

Sophomore Project

Teacher: [Duane Erickson](#)
Teacher: [Emalee Merrell](#)

SO: Spanish 2A



[Competencies.pdf](#)



[Syllabus.pdf](#)

Teacher: [Andrew Pence](#)

Course information

Open to: Sophomores,

Prerequisites: Successful completion of Spanish 1

Required: No

Credits: 2

Length: 1 year

Description: This class emphasizes Spanish conversation, vocabulary, structure, reading, writing, culture, and history. Conversational Spanish is encouraged.

FR/SO - CC HS Math 2A (and Math 2A Advanced)



[Syllabus 2014-2015.pdf](#)

Teacher: [Eric Olsen](#)

Open to: Freshmen and Sophomores

Prerequisites: CC HS Math 1 or Equivalent Course

Required: Yes

Credits: 2

Length: 1 year

Description: CC HS Math 2, formerly Geometry, is an introduction to geometry and, if there is time, probability. Topics include proofs and logical reasoning, area and perimeter, 3-dimensional figures, transformations, trigonometry, triangle similarity and congruence, circles and quadrilaterals. The advanced class will go into more depth, move at a faster speed and cover more topics.

Sophomore Pre-Calculus - Caldwell 2014

 Pre-Calculus - Syllabus - 2013.pdf

Teacher: [Robert Caldwell](#)

Open to: Sophomores

Prerequisites: Successful completion of Algebra II

Required: Yes

Credits: 2

Length: 1 year

Description: Advanced Algebra concepts with functions including linear, Quadratic, Logarithmic, and Trigonometric. It also includes advanced studies of Trigonometry

Health and Wellness MTCHS

Teacher: [Cindy Currie](#)

Teacher: [Emalee Merrell](#)

Teacher: [Elaine Shannon](#)

Open to: Sophomores

Prerequisites: None

Required: Yes

Credits: 1

Length: 1 year

Description: Health is a semester course that will guide students through the many dimensions of wellness. Students will develop skills needed in confronting difficult situation; understand health prevention and promotion techniques that will establish a solid personal health education; and become health literate in making positive health decisions.

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Junior Courses

Physics Tech Integration

Teacher: [Duane Erickson](#)

JR - Precalculus A Honors

 [Syllabus.pdf](#)Teacher: [Eric Olsen](#)

Open to: Juniors

Prerequisites: CC Math 3 or Equivalent Course

Required: No

Credits: 2

Length: 1 year

Description:

Precalculus covers advanced algebra and trigonometry with an emphasis on concepts that will be useful in calculus. Topics include functions (in general), polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, analytic trigonometry and systems of equations. Other topics that may be covered are matrices and sequences and series.

Junior Web Design and Programming

Teacher: [Lee Eyerman](#)

This course teaches the essentials of HTML5, CSS3, and Javascript to create rich and dynamic web pages/sites. These technologies, sometimes known as the "HTML5 Family" or the "Web Development Trifecta," can be used to create Web pages that easily adapt to display on computers, smartphones, tablets, gaming devices, smart TVs, and other media delivery tools. You will be eligible to sit for the CIW Advanced HTML5 and CSS3 Specialist Certification exam. Those who pass the exam earn the industry recognized certification.

Junior Networking

 [JuniorNetworkStandards.pdf](#)

Open to: Juniors



[JuniorNetworkSyllabus.pdf](#)

Teacher: [Dennis Beebe](#)

Prerequisites: Sophomore Hardware and Electronics

Required: Yes

Credits: 4

Length: 1 year

The Junior Networking class covers 4 different topics in the 4 quarters that students are at MTCHS. This pathway will prepare students to become computer technicians as well as prepare them for computer science classes in college. Students coming out of this pathway will have the chance to earn professional certifications in:

- Description:
- CompTIA A+
 - CompTIA Network+
 - Windows desktop Client (currently Window7)
 - ServerPro (basic Windows server install/administration)

JR: Employment Preparation



[Course Standards.pdf](#)



[Syllabus 2014-2015.pdf](#)

Teacher: [Cheryl Deitchler](#)

Course information

Open to: Juniors

Prerequisites: Passing Sophomore Tech Classes

Required: Yes

Credits: 1

Length: 1 Semester

Description: Employment Preparation

Course Description: This course will include, but not limited to, career and professional development objectives that will prepare students for an internship in the professional workplace and explore specific career opportunities. Areas of study include: job shadows, work environment safety, resume & cover letter writing, job application & forms, interviewing skills, career networking, portfolios, customer service, employment trends, work ethics development, positive work habits, local industry awareness, positive self-promotion & presentation, balancing work & personal life, identification of employability & technical skills and basic office skills & etiquette.

SR/JR: EPE Advanced Electronics - NIDA



Competencies from Idaho Electronics Curriculum 2013.pdf



Senior electronics syllabus 2014.pdf

Teacher: Rebecca Torek

Open to: Seniors,
Prerequisites: Hardware and Electronics & Electronics 1, 2, 3, 4
Required: No
Credits: 4
Length: 1 year

Description:

This course covers, DC, AC and Analog electronics theory and application. Certification is available in each of these areas. Test equipment such as oscilloscopes, function generators, digital and analog multimeters, and power supplies will be used. Electronics is a math intensive course and strong algebra skills are essential to complete necessary calculations correctly. Additionally, students will be challenged with several faults entered into NIDA trainers to enhance troubleshooting skills (these are performance assessments). Tech Prep college credit for this course is available through CWI and ISU and accounts for 14 college credits in AC and DC electronics. Additionally, students will be required to complete a 6 week project using a microcontroller of their choice.

JR: EPE: Principles/Microcontrollers/CAD/Embedded Systems



Engineering Competencies 2013.pdf



Pre-engineering syllabus 2014.pdf

Teacher: Rebecca Torek

Open to: Juniors,
Prerequisites: Hardware and Electronics
Required: No
Credits: 4
Length: 1 year

Description:

This course is intended to teach programming, microcontrollers, robotics, Computer Aided Design basics, and soldering in order to prepare students for internships. Multiple microcontroller platforms are introduced as well as the programming concepts necessary to interface with sensors, motors, input and output devices. This course covers the first level Idaho Programming and Software Development Standards (PSD1). For more information on these standards click [here](#).

JR: PWD-Fundamentals and Advanced Programming



Standards.pdf



Syllabus.pdf

Open to: Juniors,
Prerequisites: Design and Development or Hardware and Electronics

Teacher: [Beth Richtsmeier](#)

Required: No

Credits: 4

Length: 1 year

Description: One year block.
This course introduces students to basic web developer concepts in a business setting. Students will review current HTML standards, utilize industry standards for designing web pages and write basic client-side scripts. Student will also be exposed to basic programming concepts including program analysis, development and maintenance. Students will learn to analyze complex business scenarios and create a data model, a conceptual representation of an organization's information. Students will implement their database design by creating a physical database using SQL, the industry-standard database programming language. Web applications will be developed and web server configuration will be covered. Employability skills will be emphasized.

Media Arts - Junior



 [Competencies for MTCHS Media Design Junior and Senior Year-2013.pdf](#)

 [MTCHS-JR-MEDIA-ARTS-SYLLABUS-2013.pdf](#)

Teacher: [Lee Eyerman](#)

Open to: Juniors

Prerequisites: Junior Interactive Media Design

Required: No

Credits: 4

Length: 1 year

Description: One year block.
Junior Graphic Design is a comprehensive course designed specifically to train students in the fundamentals of graphic design. Students will learn the requisite design and technical skills necessary to become assistants in a digital content creation environment for summer internships. Junior Graphic Design stresses the importance of building a strong foundation of creative and technical skills. Focusing on the most widely used software products in the design business, students will learn the design process used in creating professional media to meet business/client communication needs. The course covers the creative design and production of print media, Internet/web, video production/editing, and 3-D animation.

JR - Conceptual Physics

 [JB-CWI Syllabus 2014-15.pdf](#)

 [JR-ConceptualPhysics-Standards-2013.pdf](#)

Teacher: [Jeff Bodell](#)

Open to:



Juniors,

Prerequisites:

Required: No

Credits: 2

Length: 1 year

Description:

Junior Conceptual Physics is an introduction course to the fundamental elements of physics. This course is available for dual enrollment through CWI for Phys 100. Students that enroll and successfully complete this course will receive 4 college credits through CWI - Students will have the option to register for credit during the fall semester.

CC English 3A & 3B 2014



[CC 3A 3B Syllabus.pdf](#)



[CCS Standards for Grades 11-12.pdf](#)

Teacher: [Karl vonderehe](#)

Open to: Juniors,

Prerequisites: Successful completion of CC English 2A & 2B or equivalent course.

Required: Yes

Credits: 2

Length: 1 year

Description:

Junior English will focus primarily on technical writing and presentation. Students will learn skills necessary to communicate effectively both in the written word and spoken communication. In doing this they apply technical writing, editing, and grammar/mechanics guidelines along with critical thinking and analysis skills. Students will develop the skills and knowledge they need to prepare for further education or to step into the world of work. Students will also read a variety of literary works and write academic essays on a range of topics.

Junior Project 2015

Teacher: [Eric Olsen](#)

Teacher: [Elaine Shannon](#)

Teacher: [Rebecca Torek](#)

Teacher: [Karl vonderehe](#)

JR: American Government

[Standards.pdf](#)



Syllabus.pdf

Teacher: [Emalee Merrell](#)

Open to: Juniors,

Prerequisites:

Required: Yes

Credits: 2

Length: 1 year

Description: This class addresses the course of America's political development and institutions with an emphasis on citizen rights and responsibilities. The Constitution, American political parties, state and local governments, and federalism will be examined as living processes which affect our daily lives. Current social, economic and military problems will also be addressed from a government perspective.

Calculus I (Juniors) - Caldwell 2014



CWI Dual Credit
syllabus_Caclulus_M170.pdf

Teacher: [Robert Caldwell](#)

Open to: Juniors and Seniors

Prerequisites: Successful completion of Pre-Calculus

Required: Yes

Credits: 2

Length: 1 year

Description: Advanced Algebra concepts with functions including linear, Quadratic, Logarithmic, and Trigonometric. Emphasis is placed on Differentiation and Integration with Limits. This course is available for Dual-Credit through CWI.

Common Core Math 3 - Erickson 2014



Common Core Math 3.pdf

Teacher: [Duane Erickson](#)

Open to: Sophomores, Juniors

Prerequisites: Successful completion of Common Core Math 2

Required: Yes

Credits: 2

Length: 1 year

Description: Common Core Math 3, formerly known as Algebra 2, is a continuation of the study of functions. Students begin with a review of linear functions. From there they move to solving systems of linear equations and inequalities. Students are introduced to exponential, logarithmic, and quadratic functions. A strong emphasis is placed on modeling situations using graphs as well as equations. Solutions to quadratic equations, radicals, and complex numbers are part of the course. An introduction to trigonometric functions is also discussed.

Junior Pre-Calc - Caldwell

 [Pre-Calculus - Syllabus - 2013.pdf](#)

Teacher: [Robert Caldwell](#)

Open to: Sophomores and Juniors

Prerequisites: Completion of Algebra II

Required: Yes

Credits: 2

Length: 1 year

Description: Advanced Algebra concepts with functions including linear, Quadratic, Logarithmic, and Trigonometric. It also includes advanced studies of Trigonometry. This course is available for Dual-Credit through CWI.

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Senior Classes

Senior Networking

 [ActiveDirectoryObjectives.pdf](#)

 [SeniorNetworkSyllabus.pdf](#)

Teacher: [Dennis Beebe](#)

Open to: Seniors

Prerequisites: Junior Networking Pathway classes

Required: No

Credits: 4

Length: 1 year

Description:

Senior Networking is divided up into 2 semesters of classes. The first semester is finishing up Server installs (Active Directory) and maintaining a network and network design. And the second semester is a senior project of the student's choice where they design install and maintain a project that will improve the Network at MTCHS or assist students' knowledge and technology skills at MTCHS. They will also be responsible for completing a certification course of their choice that is related to networking.

Interactive Media

 [Competencies for MTCHS Media Design Junior and Senior Year-2013.pdf](#)

 [MTCHS-SR-MEDIA-ARTS-2013.pdf](#)

Teacher: [Moodle Administrator](#)

Teacher: [Lee Eyerman](#)

Open to: Seniors

Prerequisites: Senior Interactive Media Arts

Required: No

Credits: 4

Length: 1 year

One year block.

Senior Advanced Graphic Design is a comprehensive course designed specifically to prepare students to enter the workforce as junior level digital creative and production designers. The course also prepares students to enter secondary or professional schools to continue their

education.

Description:

Senior Advanced Graphic Design stresses the importance of excellent design, innovative creativity, superior technical design skills, and meeting client expectations. The course covers the creative design and production of print media, Internet/web, video production/editing, and 3-D animation. The course stresses the significance of the convergence of digital medias, and the importance for students to become multi-skilled to remain competitive in the new "global" digital economy. Throughout the course, students will prepare a "design portfolio" of work created to illustrate their abilities to prospective employers. A final Project presented to design and business professionals will conclude the course. This course is available for Dual-Credit through CWI.

Calculus I (Seniors) 2014



CWI Dual Credit
syllabus_Caclulus_M170.pdf

Teacher: Robert Caldwell

Open to: Juniors and Seniors

Prerequisites: Successful completion of Pre-Calculus

Required: Yes

Credits: 2

Length: 1 year

Description: Advanced Algebra concepts with functions including linear, Quadratic, Logarithmic, and Trigonometric. Emphasis is placed on Differentiation and Integration with Limits. This course is available for Dual-Credit through CWI.

Business Math - Erickson 2014



Business and Consumer Math.pdf

Teacher: Duane Erickson

Open to: Seniors

Prerequisites: Successful completion of Common Core Math 3

Required: No

Credits: 2

Length: 1 year

This course is broken into two components, Math in the Modern Society and Business and Consumer Math.

Math in the Modern Society is a survey course that provides an opportunity to acquire an appreciation of the nature of mathematics and its relation to other aspects of our culture. The course is a dual credit course with CWI's Math 123.

Business and Consumer Math reinforces math skills from a business and

Description: personal finance perspective. Personal applications may include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment applications. Business applications might include wages, hourly rates, payroll deductions, sales, receipts, accounts payable and receivable, financial reports, discounts, and interest. The use of spreadsheet and financial software will be integrated.

SR Econ 2014

 [Economic Syllabus-Competency.pdf](#)

 [Economic Syllabus.pdf](#)

Teacher: [Moodle Administrator](#)

Teacher: [Lee Eyerman](#)

Open to: Seniors

Prerequisites: Consumer Economics

Required: Yes

Credits: 4

Length: 1 year

One year block.

This course will give the students a greater understanding of economics ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course will study the law of supply and demand, forms of business, labor unions, government finances and influence on the economy, money and prices, inflation and deflation cycles. The course relates history and politics to the study of economics.


Description:

Consumer Economic principles will be introduced in the second semester. The focus will be on personal finances. This is to include your own personal life cycle of earning money, spending, investing, saving, and preparing for retirement. The stock market and other capital markets will be introduced.

This course is available for Dual-Credit through CWI.

Calculus II (Seniors) 2014

 [Advanced Calculus II Syllabus.pdf](#)

 [CWI Dual Credit syllabus_Caclulus_M170.pdf](#)

Teacher: [Robert Caldwell](#)

Open to: Seniors

Prerequisites: Successful completion of Calculus I

Required: No

Credits: 2

Length: 1 year

Description: Advanced Calculus concepts with functions including linear, Quadratic, Logarithmic, and Trigonometric. Emphasis is placed on Advanced Differentiation and

PWD-Software Applications and Projects in IT



Programming Standards with Common Core - Sheet1 (1).pdf



Syllabus.pdf

Teacher: [Beth Richtsmeier](#)

Open to: Seniors,

Prerequisites: PWD Fundamentals/ Advanced Programming A & B

Required: No

Credits: 4

Length: 1 year

Description: Introduction to object-based programming. Software development process. Data and expressions, conditionals and loops, arrays and lists, and classes and interfaces. Introduction to graphical user interfaces and UML diagrams. This portion of the class will be completed by the end of Semester 1 and is a concurrent enrollment class with Boise State CS121. Projects in programming will involve students developing a software product through all phases of the development cycle. Project management, legal and ethical issues as well as current trends in programming will be emphasized. This semester will also focus on students completing an industry standard certification exam.

SR: Senior Seminar



Syllabus 2014-2015.pdf

Teacher: [Cheryl Deitchler](#)

Open to: Seniors

Prerequisites: Successful completion of Employment Preparation

Required: Yes

Credits: 1

Length: 1 Semester

This course will include, but not limited to, career and professional development objectives that will prepare students for the professional workplace and explore specific career opportunities. Areas of study include: customer service, meetings, teams, employment trends, and total quality management, college search and planning, scholarships & Financial Aid, work ethics vs. personal ethics & values, community awareness & service, positive self promotion, balancing work & personal life, personal finance, transferable skills in a global competition, basic office skills & etiquette, entrepreneurship, and portfolios.

This one semester course (1 credit): Meeting days will be an A/B Format (every other day) for the entire school year. The Semester 1 grade will be a mid-term grade and will be available on the report card. The one course credit will be transcribed at the end of Semester 2.

Senior Project



 [Sr Project_ Standards.pdf](#)

Teacher: [Moodle Administrator](#)
Teacher: [Cheryl Deitchler](#)
Teacher: [Lee Eyerman](#)
Teacher: [Beth Richtsmeier](#)
Teacher: [Randy Yadon](#)

SENIOR PROJECT: Entrepreneurship

Components:

- Business Team Proposal
- Business Plan using Business Plan Pro Software
- Quality Presentation to panel of local business people
 - Business Identity Package
 - Prototype of business idea

CC English 4A 2014

 [CC 4A Syllabus.pdf](#)

 [CCS Standards for Grades 11-12.pdf](#)

Teacher: [Karl vonderehe](#)

Open to: Seniors,

Prerequisites: CC English 3A & 3B

Required: Yes

Credits: 2

Length: 1 year

Description: CC English 4A emphasizes the process and strategies of writing with critical attention to purpose, audience, and style. Students write analytical essays based on readings, observations, and ideas; develop their inventiveness and voice; and edit for style conventions of standard usage.

SR: Internship External



 [Internship Syllabus 2014-2015.pdf](#)

Teacher: [Cheryl Deitchler](#)

Open to: Seniors

Prerequisites: Successful Completion of Junior Classes

Required: Yes

Credits: 4

Length: 1 year

Internships will be 280 hours at an approved business. Students have the opportunity to utilize their technology skills in a real world business setting. This course is considered to be a capstone of each of the career pathways at MTCHS.

Students prepare résumés and cover letters to interview for internship positions. In addition, to honing and sometimes learning new technical skills, students work on employability skills, viewing and participating in business operations, and learning employers expectations of good employees.

Students can begin internship hours the month of June, upon successful completion of their junior year. In addition to completion of the 280 hours, students will complete a senior

internship presentation/paper in Senior Seminar, a formal thank you letter, an up-to-date résumé, and attend the Business Partners Breakfast.

Two types of internships, internal and external, can be served during the senior year. The internal internship will be completed on the school grounds during the course of the school year, while the external internship will require the student to transport themselves to an off-campus business.

College Algebra - Erickson 2014



College Algebra.pdf

Teacher: [Duane Erickson](#)

This course includes fundamental concepts of Algebra: equations and inequalities functions and graphs polynomial, rational, exponential and logarithmic functions, systems of equations and inequalities, conics, and the Binomial Theorem. The course is a dual credit course with CWI's Math 143.

Upon completion of the College Algebra topics, this course will then reinforce math skills from a business and personal finance perspective. Personal applications may include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment applications. Business applications might include wages, hourly rates, payroll deductions, sales, receipts, accounts payable and receivable, financial reports, discounts, and interest. The use of spreadsheet and financial software will be integrated.

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