# 9th Grade

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## Applied Mathematics

Teacher: Chelsey Gillies

## Advanced Technical Training

Adv. Tech Syllabus.pdf

Teacher: Nathan Bushard
Teacher: Duane Erickson
Teacher: Beth Richtsmeier
Teacher: Debbie Riley
Teacher: Ben Taylor

| | |
|---|---|
| Open to: | Freshmen |
| Prerequisites: | None |
| Required: | No |
| Credits: | 1 |
| Length: | 3 Quarters |

|  | Description: | This course is open to students who successfully complete the Planning and Organizing Standard in Flexible Learning Time and have a GPA of 3.0 or higher. Students will have access to extra technical coursework as learning opportunities. Students will have access to the four technology teachers for assistance if needed. |

# CC English 1A

 CC English 1 A-1B Syllabus.pdf

 MTCHS CCS for 9-10 ELA.pdf

Teacher: Debbie Riley

**Course Information:**

| **Open to:** | Freshmen |
| **Prerequisites:** | None |
| **Required:** | Yes |
| **Credits:** | 1 |
| **Length:** | 1 Semester |
| **Description:** | As freshmen, students review written language conventions, expand vocabulary, practice the writing process, learn presentation skills, prepare and present informative group presentations read from a variety of sources and genres to strengthen process and comprehension skills, and participate in project-based activities. The novel selection for first semester is *To Kill a Mockingbird* |

# CC English 1B

 CC English 1 A-1B Syllabus.pdf

 MTCHS CCS for 9-10 ELA.pdf

**Course Information:**

| **Open to:** | Freshmen |

Teacher: [Debbie Riley](#)

| | |
|---|---|
| **Prerequisites:** | English 1A |
| **Required:** | Yes |
| **Credits:** | 1 |
| **Length:** | 1 Semester |
| **Description:** | As freshmen, students review written language conventions, expand vocabulary, practice the writing process, learn presentation skills, present impromptu speeches, read from a variety of sources and genres to strengthen process and comprehension skills, and participate in an integrated project-based activity. The novel selections for second semester are *1984* or *Fantastic Voyage* |

# CC HS Math 1A

Math 1 Syllabus.pdf

Teacher: [Chelsey Gillies](#)

Open to:  Freshman

Required: Yes

Credits:  1

Length: Semester

Description: Common Core Math 1 is the foundation upon which further mathematical study will be based. Students will extend upon the mathematics learned in the middle grades. Students will study linear and exponential equations and functions. Students will use linear regression and perform data analysis. They will also cover geometry topics such as simple proofs, congruence, and transformations.

# CC HS Math 1B

📄 Math 1 Syllabus.pdf

Teacher: Sierra Biggs
Teacher: Chelsey Gillies

Open to: Freshman

Required: Yes

Credits:  1

Length: Semester

Description: Common Core Math 1 is the foundation upon which further mathematical study will be based. Students will extend upon the mathematics learned in the middle grades. Students will study linear and exponential equations and functions. Students will use linear regression and perform data analysis. They will also cover geometry topics such as simple proofs, congruence, and transformations.

# CC HS Math 2A-Advanced

📄 Math 2 Advanced Syllabus.pdf

Teacher: Sierra Biggs

Open to: Freshmen

Prerequisites:  Successful completion of CC Math 1

Required:  No

Credits:  1

Length:  1 semester

Description: Common Core Math 2 expands into quadratic, absolute value, and other functions. Students will explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles and three dimensional figures.

# CC HS Math 2B-Advanced

📕 Math 2 Advanced Syllabus.pdf

Teacher: Sierra Biggs

Open to: Freshmen

Prerequisites:  Successful completion of CC Math 1

Required:  No

Credits:  1

Length:  1 semester

Description:  Common Core Math 2 expands into quadratic, absolute value, and other functions. Students will explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles and three dimensional figures.

# Computing Core

📕 CIC syllabus 2021-2022.pdf

📕 Freshmen Tech Competency Grid CIC Standards - Sheet1.pdf

Teacher: Nathan Bushard
Teacher: Duane Erickson

**Course Information:**    **FCIC**

**Open to:**          Freshmen

**Prerequisites:**   None

**Required:**         Yes

**Credits:**          1

**Length:**          1 Semester

Teacher: [Lee Lovell](#)
Teacher: [Debbie Riley](#)
Teacher: [Ben Taylor](#)

**Description:** This course includes computing fundamentals such as: processing and analyzing data, software, hardware, troubleshooting, programming, networking, media communications, problem solving, and the social and ethical issues surrounding technology.  Other course sections include basic web design, basic programming, and basic electronics.  Extensive coverage of ethical, security and privacy issues are also discussed. The competency for this course is the IT Fundamentals industry certification which is the precursory exam for the CompTIA A+ certification.

## Earth Science A

📄 [ES-Standard-CommonCore-2020.pdf](#)

📄 [ES-TT-Syllbaus-Fall-2021-22.pdf](#)

Teacher: [Jeff Bodell](#)

Open to:

**ESO**

**FALL Semester** Freshmen,

Prerequisites:

Required:      Yes

Credits:        1

Length:        1 Semester

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.

## Earth Science B

📄 [ES Standards-Core.pdf](#)

📄 [ES-TT-Syllbaus-2021-22.pdf](#)

Open to:

**ESO**

**SPRING Semester** ,

Prerequisites:

Teacher: [Jeff Bodell](#)

| | |
|---|---|
| Required: | Yes |
| Credits: | 1 |
| Length: | 1 Semester |
| 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. |

## Flexible Learning Time 1

📄 [FLT Syllabus 2021-2022.pdf](#)

Teacher: [Debbie Riley](#)
Teacher: [Elaine Shannon](#)

**Course information:**

**Open to:** Freshmen

**Prerequisites:** None

**Required:** Yes

**Credits:** 1

**Length:** 1 Semester

**Description:** All Freshmen are enrolled in a Flexible Learning Time class in order to help prepare students for su secondary education. This course is designed to provide extra time and assistance to our freshmer students will use this time to complete academic and technical classwork from all other courses co various topics throughout the year. Course topics may vary according to the students involved, bu social etiquette, and professionalism. This is a pass/fail course and does not apply to a student's G

## Flexible Learning Time 2

📄 [FLT Syllabus.pdf](#)

**Course information:**

Teacher: [Nathan Bushard](#)
Teacher: [Debbie Riley](#)
Teacher: [Elaine Shannon](#)

| | |
|---|---|
| **Open to:** | Freshmen |
| **Prerequisites:** | None |
| **Required:** | Yes |
| **Credits:** | 1 |
| **Length:** | 1 Semester |
| **Description:** | All Freshmen are enrolled in a Flexible Learning Time class in order to help prepare students for su secondary education. This course is designed to provide extra time and assistance to our freshmer students will use this time to complete academic and technical classwork from all other courses co various topics throughout the year. Course topics may vary according to the students involved, bu social etiquette, and professionalism. This is a pass/fail course and does not apply to a student's G |

# Integrated Mars Project 2022

📄 [IntegratedMars2022.pdf](#)

📄 [Mars Project CC Standards.pdf](#)

Teacher: [Jeff Bodell](#)
Teacher: [Chelsey Gillies](#)
Teacher: [Debbie Riley](#)
Teacher: [Elaine Shannon](#)

***Integrated Mars 2022***

*Integrated Mars* is a Project in which students will create an integrated technical paper about Mars. This paper will incorporate Science Research, English technical report writing, CIC components, Tech Tools, and Mathematical Applications.

Students will produce a multifaceted report about the science of Mars and the technology that would be required to travel to Mars.

# Internet Core

📄 [CIC syllabus 2021-2022.pdf](#)

**Course Information:** FCIC

[Freshmen Tech Competency Grid CIC Standards.pdf](#)

Teacher: [Nathan Bushard](#)
Teacher: [Duane Erickson](#)
Teacher: [Julie Grainger](#)
Teacher: [Lee Lovell](#)
Teacher: [Debbie Riley](#)

| | |
|---|---|
| **Open to:** | Freshmen |
| **Prerequisites:** | Computing Core |
| **Required:** | Yes |
| **Credits:** | 1 |
| **Length:** | 1 Semester |
| **Description:** | This course includes computing fundamentals such as: processing and analyzing data, software, hardware, troubleshooting, programming, networking, media communications, problem solving, and the social and ethical issues surrounding technology.  Other course sections include basic web design, basic programming, and basic electronics.   Extensive coverage of ethical, security and privacy issues are also discussed. The competency for this course is the IT Fundamentals industry certification which is the precursory exam for the CompTIA A+ certification. |

# [School To Work](#)

[STW Syllabus Standards.pdf](#)

Teacher: [Debbie Riley](#)

**Course Information:**

| | |
|---|---|
| **Open to:** | Freshmen |
| **Prerequisites:** | None |
| **Required:** | Yes |
| **Credits:** | 1 |
| **Length:** | 1 Semester (spread throughout the year) |
| **Description:** | As Freshmen, students will be introduced to career and industry expectations, such as: Leadership, Teamwork, Communication, Professional Dress, Promptness, Stress, Attitude, and Etiquette/Netiquette. |

# [Spanish 1A](#)

📕 Competencies.pdf

📕 Syllabus.pdf

Teacher: Andrew Pence

# Course information

Open to:         Freshmen,

Prerequisites:

Required:        Yes

Credits:         1

Length:          1 semester

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

## Spanish 1B

📕 Competencies.pdf

📕 Syllabus.pdf

Teacher: Andrew Pence

# Course information

Open to:         Freshmen,

Prerequisites:

Required:        Yes

Credits:         1

Length:          1 semester

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

## Technology Tools A

📕 TechTools-Standards-2020-.pdf

📕 TechToolsSyllabus-21-22.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 ProPlus 365 for the various integrated activities .<br><br>Tech Tools is a required course and students will have to pass the IC3 certification exam to earn credit. |

## Technology Tools B

📄 ES-TT-Syllbaus-Fall-2021-22.pdf

📄 TechTools-Standards-.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 2016 for the various integrated activities . |

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# 10th Grade

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Course categories:    Current Classes / 10th Grade    ⬍

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## Biology 1A

📄 Biology-Standards-MTCHS19.pdf

📄 BiologySyll-2021-22.pdf

Teacher: Jeff Bodell
Teacher: Chad Church

|  |  |
|---|---|
| Open to: | **Fall Semester** - Sophomores - Biology A |
| Prerequisites: | |
| Required: | No |
| Credits: | 1 |
| Length: | 1 Semester |
| 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. |

# Biology 1B

[PDF] Biology-Standards-MTCHS.pdf

[PDF] BiologySyll-2021-22.pdf

Teacher: Jeff Bodell
Teacher: Chad Church

Open to:

**Spring** Semester - 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. |

# Business 1

[PDF] Business 1 Syllabus.pdf

Teacher: Julie Grainger

| | |
|---|---|
| Open to: | Sophomores |
| Prerequisites: | None required |
| Required: | Yes |
| Credits: | 1 credit for the year |
| Length: | 1 year |
| Description: | This course is designed to introduce students to the following business concepts: time management, ethics, business relationships, customer service, organization structures, technology in management, and brand promise. This class is one portion of the overall MTCHS business program.   There are no prerequisites required for this class. |

## CC English 2A

📕 9-10 Common Core Standards.pdf

📕 CC 2A Syllabus.pdf

Teacher: Julie Grainger
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: | 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, and read/analyze a variety of literary works. |

## CC English 2B

📕 9-10 Common Core Standards.pdf

📕 CC 2B Syllabus.pdf

Teacher: Julie Grainger
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: | 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, read and analyze a variety of works of literature, and prepare pathway applications. |

## CC HS Math 2A

📄 Math 2 Syllabus.pdf

Teacher: Chelsey Gillies

Open to: Sophomores

Prerequisites: CC HS Math 1 A&B

Required: Yes

Credits: 1

Length: Semester

Description: Common Core Math 2 expands into quadratic, absolute value, and other functions. Students will explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles and three dimensional figures.

## CC HS Math 2B

📄 Math 2 Syllabus.pdf

Teacher: Sierra Biggs
Teacher: Chelsey Gillies

Open to: Sophomores

Prerequisites: CC HS Math 1 A&B

Required: Yes

Credits: 1

Length: Semester

Description: Common Core Math 2 expands into quadratic, absolute value, and other functions. Students will explore polynomial equations and

factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles and three dimensional figures.

## CC HS Math 3A-Advanced

📄 Math 3 Advanced Syllabus.pdf

Teacher: Sierra Biggs

Open to: Sophomores

Prerequisites:  Successful completion of CC Math 2

Required:  No

Credits:  1

Length:  1 semester

Description:  Common Core Math 3 students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions.

## CC HS Math 3B-Advanced

📄 Math 3 Advanced Syllabus.pdf

Teacher: Sierra Biggs

Open to: Sophomores

Prerequisites:  Successful completion of CC Math 2

Required:  No

Credits:  1

Length:  1 semester

Description:  Common Core Math 3 students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions.

## Computer Science 1A

📄 Computer Science 1A.pdf

📄 Programming_Software_Development_Program_Standards-1.pdf

Teacher: Duane Erickson

| | |
|---|---|
| Open to: | Sophomores |
| Prerequisites: | Computing and Internet Core |
| Required: | No |
| Credits: | 0.5 |
| Length: | 1 Quarter |
| Description: | This course covers recognizing and writing syntactically correct JavaScript code, using data types supported by JavaScript, and being able to recognize and write JavaScript code that will logically solve a given problem. |

## Electronics 1A

📄 Electronics 1A Syllabus.pdf

Teacher: Nathan Bushard

| Open to: | Sophomores |
|---|---|
| Prerequisites: | Web Design 1 or Information Systems Support 1 |
| Required: | No |
| Credits: | 0.5 |
| Length: | 1 Quarter |
| Description: | This course is intended to introduce basic electronic circuit building, electronic components, and schematics. |

## 📖 Health

📄 HLTH301SyllabusSchoology2019.pdf

Teacher: Chad Church
Teacher: Mary Helen Green

| 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. |

## 📖 Information Systems Support 1

📄 Information Systems Support 1-2 Syllabus.pdf

📄 Information Systems Support Standards.pdf

Teacher: Nathan Bushard
Teacher: Lee Lovell

| Course Information: | **TestOut** PC Pro |
|---|---|
| **Open to:** | Sophomores |
| **Prerequisites:** | Computing and Internet Core / IC3 Certification |
| **Required:** | Yes |
| **Credits:** | 1 |

| | |
|---|---|
| **Length:** | 1 Semester |
| **Description:** | Students will predominantly use TestOut to study computer maintenance and repair, basic computer/hardware installations, and troubleshooting.  Students will learn to identify various parts of a computer and Network.  This course will introduce students to basic troubleshooting skills, networking skills, and customer service.  At the end of the semester, students are expected to have completed Modules 1-11 |

## Information Systems Support 2

📄 [Information Systems Support 1-2 Syllabus.pdf](#)

📄 [Information Systems Support Standards.pdf](#)

Teacher: [Nathan Bushard](#)
Teacher: [Lee Lovell](#)
Teacher: [Debbie Riley](#)

| | |
|---|---|
| **Course Information:** | **TestOut® PC Pro** |
| **Open to:** | Sophomores |
| **Prerequisites:** | Computing and Internet Core / IC3 Certification |
| **Required:** | Yes |
| **Credits:** | 1 |
| **Length:** | 1 Quarter |
| **Description:** | Students will continue using TestOut to study computer maintenance and repair, basic computer/hardware installations, and troubleshooting. Students will learn to work with mobile devices, and learn about system management and security. This course will also introduces students to basic troubleshooting and file management skills.  At the end of the semester, students are expected to achieve the PCPro certification.  It is possible to have Fast Tracked this course during ISS 1 or during quarter 3 which would allow students to take a related Network Administration course. |

## Media Design 1

📄 [MD1 Syllabus.pdf](#)

Teacher: [Ben Taylor](#)

| | |
|---|---|
| Open to: | Sophomores |
| Prerequisites: | Computing and Internet Core |
| Required: | No |
| Credits: | 1 |
| Length: | 1 Semester |

| | |
|---|---|
| Description: | This course covers Adobe Illustrator Certification while learning the principles of [typography,](#) and [Logo design](#). |

## Networking 1A

 [CloudComputing class.pdf](#)

Teacher: [Duane Erickson](#)
Teacher: [Lee Lovell](#)

| | |
|---|---|
| Open to: | Sophomores |
| Prerequisites: | Computing and Internet Core |
| Required: | No |
| Credits: | .5 |
| Length: | 1 Quarter |
| | |
| Description: | This course covers an introduction to the Linux operating system, as well as an introduction to different scripting technologies. It will serve as a foundational course for more advanced topics such as networking, cybersecurity, and cloud platforms development, which are taken during the junior and senior years of the focus area. |

## Networking 1B



Teacher: [Lee Lovell](#)

| | |
|---|---|
| Open to: | Sophomores |
| Prerequisites: | Information Systems Support 1, 2 |
| Required: | No |
| Credits: | 0.5 |
| Length: | 1 Quarter |
| Description: | Students will begin their Cybersecurity and Network Administration focus area with a class in Linux. This is a foundation for all network administration and cybersecurity certifications and degrees. |

# Sophomore Project 2021-2022

📄 ProjectStandards.pdf

Teacher: Sierra Biggs
Teacher: Duane Erickson
Teacher: Andrew Pence

In this project, Sophomores will:

- Research and understand the issues that our community faces.
- Develop one quality solution that involves the use of technology.
- Learn by participating in service projects related to the issues.
- Reflect upon your experience and present your findings.

# Spanish 2A

📄 Competencies(1).pdf

📄 Syllabus(1).pdf

Teacher: Andrew Pence

## Course information

| | |
|---|---|
| Open to: | Sophomores, |
| Prerequisites: | Successful completion of Spanish 1 |
| Required: | No |
| Credits: | 1 |
| Length: | 1 semester |
| Description: | This class emphasizes Spanish conversation, vocabulary, structure, reading, writing, culture, and history. Conversational Spanish is encouraged. |

# Spanish 2B

📄 Competencies(1).pdf

📄 Syllabus(1).pdf

Teacher: Andrew Pence

## Course information

| | |
|---|---|
| Open to: | Sophomores, |
| Prerequisites: | Successful completion of Spanish 1 |
| Required: | No |

| | |
|---|---|
| Credits: | 1 |
| Length: | 1 semester |
| Description: | This class emphasizes Spanish conversation, vocabulary, structure, reading, writing, culture, and history. Conversational Spanish is encouraged. |

# US History-Comprehensive A

📕 [Core Standards.pdf](#)

📕 [History Syllabus.pdf](#)

Teacher: [Chad Church](#)

| | |
|---|---|
| Open to: | Sophomores |
| Prerequisites: | None |
| Required: | Yes |
| Credits: | 1 |
| Length: | 1 Semester |
| Description: | A survey of U.S. history, culture, and society from the British colonies to World War I.  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, 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. |

# US History-Comprehensive B

📕 [Core Standards.pdf](#)

📕 [History Syllabus.pdf](#)

Teacher: [Chad Church](#)

| | |
|---|---|
| Open to: | Sophomores |
| Prerequisites: | None |
| Required: | Yes |
| Credits: | 1 |
| Length: | 1 Semester |

Description:    A survey of U.S. history, culture, and society from The Roaring Twenties 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, 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.

## Web 1B

Web 1B.pdf

Teacher: Duane Erickson

| | |
|---|---|
| Open to: | Sophomores |
| Prerequisites: | Web Design 1, Computer Science 1A |
| Required: | No |
| Credits: | 0.5 |
| Length: | 1 Quarter |
| Description: | This course covers JavaScript libraries and an introduction to WordPress. |

## Web Design 1

WDD Program Standards.pdf

Web Design 1.pdf

Teacher: Duane Erickson
Teacher: Ben Taylor

| | |
|---|---|
| Open to: | Sophomores |
| Prerequisites: | Successful Completion of Computing and Internet Core |
| Required: | No |
| Credits: | 1 |
| Length: | 1 Semester |

Description: This course has two distinct parts: HTML (Hypertext Markup Language), which includes HTML fundamentals, document structuring, and multimedia presentation, and CSS (Cascading Style Sheets), which includes CSS fundamentals and styling webpages.

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# 11th Grade

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## American Government A

📕 Common Core Standards Government.pdf

📕 Syllabus (1).pdf

Teacher: Chad Church

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | None |
| Required: | Yes |
| Credits: | 1 |
| Length: | 1 Semester |

Description: This course introduces students to the American political system. The course examines the structure and operation of the institutions of the U.S. federal government, introduces students to the approach and terminology associated with the field of political science, deepens student's awareness of the role of citizens, interest groups, political parties, and politicians within the American political system, and builds an understanding of the role of politics and strategy in the operation of government, and understand how they impact the processes that occur within the system. Further the course explores and instills a sense of civic duty and citizen participation.

## American Government B

📕 Common Core Standards Government.pdf

📕 Syllabus (1).pdf

Teacher: Chad Church

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | None |
| Required: | Yes |
| Credits: | 1 |
| Length: | 1 Semester |

|  | This course introduces students to the American political system. The course examines the structure and operation of the institutions of the U.S. federal government, introduces students to the approach and terminology associated with the field of political science, deepens student's awareness of the role of citizens, interest groups, political parties, and politicians within the American political system, and builds an understanding of the role of politics and strategy in the operation of government, and understand how they impact the processes that occur within the system. Further the course explores and instills a sense of civic duty and citizen participation. |
|---|---|
| Description: | |

## Business 2

📕 **Grainger BUSA 120 New.pdf**

Teacher: Julie Grainger

| Open to: | Juniors |
|---|---|
| Prerequisites: | Successful completion of Business 1 |
| Credits: | 1 credit per semester |
| Length: | 1 semester |
| Description: | This course covers business concepts such as: marketing, entrepreneurial skills, employee development, evaluation, recruitment, selection, financial concepts, and ethical decision making.  In addition, this course will focus on Computer Skills and Application Strategies. The software used for the course will be Windows 10 Operating System, Google Chrome, Microsoft Office 365/2019 Word, Excel, PowerPoint, and Access. |

## CC English 3A

CC 3A 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: | 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. |

# CC English 3B

CC 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:   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, including cross-curricular projects.

## CC HS Math 3A

📄 Math 3 Syllabus.pdf

Teacher: Chelsey Gillies

Open to: Sophomores, Juniors

Prerequisites: HS CC Math 2 A&B

Required: Yes

Credits: 1

Length: Semester

Description: Common Core Math 3 students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions.

## CC HS Math 3B

📄 Math 3 Syllabus.pdf

Teacher: Sierra Biggs
Teacher: Chelsey Gillies

Open to: Sophomores, Juniors

Prerequisites: HS CC Math 2 A&B

Required: Yes

Credits: 1

Length: Semester

Description: Common Core Math 3 students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions.

## Computer Science 1B

📄 CS121 Syllabus.pdf

📄 Programming_Software_Development_Program_Standards-1.pdf

Teacher: Duane Erickson

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | Computer Science 1A |
| Required: | No |
| Credits: | 2 |
| Length: | 1 semester |
| Description: | Introduction to object oriented problem solving and 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. |

# Computer Science 2

[PDF] Computer Science 2.pdf

[PDF]
Programming_Software_Development_Program_Standards-1.pdf

Teacher: Duane Erickson

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | Computer Science 1 |
| Required: | No |
| Credits: | 2 |
| Length: | 1 Semester |
| Description: | This course the basics of developing, testing, and debugging a PHP application that gets data from a MySQL database. It covers using PHP to work with form data, dates, arrays, sessions, and functions. Finally, it covers designing and creating a database and working with its data using SQL. |

# Electronics 2

[PDF] Electronics 2 Syllabus.pdf

Teacher: Nathan Bushard

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | |
| Required: | No |
| Credits: | 1 |
| Length: | 1 Semester Daily Block |
| Description: | This course is intended to teach beginning electronics technician skills. Basic tool and hardware usage, electronic schematics and components, basic wiring, soldering and microcontrollers will be covered. |

# Electronics 2C

📄 Electronics 2C Syllabus.pdf

Teacher: Nathan Bushard

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | |
| Required: | No |
| Credits: | 1 |
| Length: | 1 Semester |

| | |
|---|---|
| Description: | This course is intended to teach 3D computer aided design using the SolidWorks program. This is an online course students can choose to take for high school credit. |

## 🏷 Employment Preparation

📄 Course Standards.pdf

📄 Syllabus 2021-2022.pdf

Teacher: Cheryl Deitchler

## Course information

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | Passing Sophomore Tech Classes |
| Required: | Yes |
| Credits: | 1 |
| Length: | 1 Semester |

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 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.

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 transcript at the end of Semester 2.

**This course must be passed with a grade 70% or higher to remain at the school for the senior year.**

# Information Systems Support 3

ISS 3 Syllabus 2021.pdf

Teacher: Nathan Bushard
Teacher: Lee Lovell

Open to:            Juniors
Prerequisites: Information Systems Support 1, 2
Required:         No
Credits:          2
Length:           1 Semester

Description:
This course covers Network implementation and troubleshooting concepts which include:

- Design and setup a home and small business network
- Troubleshoot network connectivity issues
- Implement network security on wired and wireless systems
- Learn basic configuration for Cisco switches and routers

## Junior Project

Teacher: Nathan Bushard
Teacher: Chad Church
Teacher: Karl vonderehe

Students will envision and communicate a new technology 10 years in the future through collaborative brainstorming and research of current science and technology. Students will demonstrate problem solving, team-based learning, critical thinking, and communication skills. Students will learn about project management skills (SCRUM) to be used in the workplace.

## Media Design 2

📄 MD2 Syllabus.pdf

Teacher: Ben Taylor

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | Media Design 1 |
| Required: | No |
| Credits: | 2 |
| Length: | 1 Semester |

Description: This course covers Adobe Photoshop certification while learning the principles of design, composition and digital painting as well as a unit on digital photography.

## Networking 2

📄 [Networking 2 Syllabus 2022.pdf](#)

Teacher: [Nathan Bushard](#)
Teacher: [Lee Lovell](#)

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | Networking 2 |
| Required: | No |
| Credits: | 2 |
| Length: | 1 Semester |

Description:

This class focuses on how networks function and troubleshooting connectivity problems.

Students will learn the following concepts

• Networking terminology
• Basic network infrastructure for small, medium, and large business
• Securing wired and wireless networks
• Troubleshooting network connectivity
• Implementation of network security, standards, and protocols
• Design and set up of home and small business networks
• Learn basic configuration for Cisco switches and routers

# Physics-Conceptual A

📄 [JB-CWI-Syllabus2021-22.pdf](#)

📄 [Physics-Concepts-Standards2021.pdf](#)

Teacher: [Jeff Bodell](#)

Open to:

**Fall Semeste**r Juniors

| | |
|---|---|
| Prerequisites: | |
| Required: | No |
| Credits: | 1 |
| Length: | 1 semester |

|  | 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 SPRING semester. |
|---|---|
| Description: | |

## Physics-Conceptual B

📄 JB-CWI-Syllabus2021-22.pdf

📄 Physics Concepts-Standards.pdf

Teacher: Jeff Bodell

| Open to: | |
|---|---|
| | **Spring Semester**, |
| 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. |

## Pre-Calculus A-Advanced

📄 Math 147 Fall 21 Syllabus.docx (1).pdf

Teacher: Sierra Biggs

Open to: Juniors

Prerequisites:  Successful completion of CC Math 3

Required:  No

Credits:  1

Length:  1 semester

Description:  This course 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, conics, complex numbers, polar coordinates, parametric equations and systems of equations. Other topics that may be covered are matrices and sequences and series. This course is a dual credit course with CWI Math 147 which is the single-course equivalent to College Algebra (Math 143) plus Trigonometry (Math 144).

## Pre-Calculus B-Advanced

Math 147 Syllabus.pdf

Teacher: Sierra Biggs

Open to: Juniors and Seniors

Prerequisites:  Successful completion of CC Math 3

Required:  No

Credits:  1

Length:  1 semester

Description:  This course 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, conics, complex numbers, polar coordinates, parametric equations and systems of equations. Other topics that may be covered are matrices and

sequences and series. This course is a dual credit course with CWI Math 147 which is the single-course equivalent to College Algebra (Math 143) plus Trigonometry (Math 144).

# Web Design 2



📄 Web 2 Syllabus.pdf

Teacher: Ben Taylor

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | Web Design 1 |
| Required: | No |
| Credits: | 2 |
| Length: | 1 Semester Daily Block |
| Description: | This course covers Advanced HTML 5, CSS, Web Design & UX/UI design with Adobe XD. This course covers advanced CSS, intro to Javascript in the DOM, JQuery as well as an industry UX/UI certification. |

# Web Design 3

📄 Web-Design-and-Development-Program-Standards..pdf

Teacher: Duane Erickson
Teacher: Ben Taylor

| | |
|---|---|
| Open to: | Juniors |
| Prerequisites: | Web Design 2 |
| Required: | No |
| Credits: | 1 |
| Length: | 1 Semester |
| Description: | This course reviews and reinforces the Idaho Web Design and Development Standards. |

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    English (en)
    English (United States) (en_us)

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# 12th Grade

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## Business 3A

📕 Grainger BUSA 101 New.pdf

Teacher: Julie Grainger

| | |
|---|---|
| Open to: | Seniors |
| Prerequisites: | Business 1 and Business 2 |
| Required: | Yes |
| Credits: | 2 per semester (4 for the year) |
| Length: | Semester |

|  |  |
|---|---|
| Description: | A survey of business subject areas for both business and nonbusiness students. Topics covered will include business operation and organization, financial management, marketing, accounting, and labor relations. Career opportunities in the field of business will be discussed. There may be changes in the syllabus without any notice at any point during the year. This class is an optional CWI Dual Credit course offering (BUSA 101); registration will take place in the Spring for dual credit. |

## Business 3B

📕 Grainger BUSA 101 New.pdf

Teacher: Julie Grainger

| | |
|---|---|
| Open to: | Seniors |
| Prerequisites: | Business 1, Business 2 and Business 3 first semester |
| Required: | Yes |
| Credits: | 2 per semester (4 for the year) |
| Length: | Semester |
| Description: | A survey of business subject areas for both business and nonbusiness students. Topics covered will include business operation and organization, financial management, marketing, accounting, and labor relations. Career opportunities in the field of business will be discussed. There may be changes in the syllabus without any notice at any point during the year. This class is an optional CWI Dual Credit course offering (BUSA 101); registration will take place in the Spring for dual credit. |

## Business and Consumer Math A

📄 Syllabus FINA 109 Grainger 2022.pdf

Teacher: Julie Grainger

| | |
|---|---|
| Open to: | Seniors |
| Prerequisites: | None |
| Required: | Yes |
| Credits: | 1 per semester (2 for the year) |
| Length: | 1 year |

| | |
|---|---|
| Description: | A mathematical foundations course for students to develop foundational skills used to be successful in business. In addition, students gain a better understanding of personal finances, career research, and the decision-making process to set and achieve personal financial goals. Class activities will include internet research, data analysis, group work, individual reading and assignments, and presentations. Students are provided with critical-thinking opportunities and hands-on experience. This is a dual credit offering through CWI - course FINA 109. |

## Business and Consumer Math B

📄 Syllabus FINA 109 Grainger 2022.pdf

Teacher: Julie Grainger

| | |
|---|---|
| Open to: | Seniors |
| Prerequisites: | Business and Consumer Math |
| Required: | Yes |
| Credits: | 1 per semester (2 for the year) |
| Length: | 1 year |

Description:

Semester Class

A mathematical foundations course for students to develop foundational skills used to be successful in business. In addition, students gain a better understanding of personal finances, career research, and the decision-making process to set and achieve personal financial goals. Class activities will include internet research, data analysis, group work, individual reading and assignments, and presentations. Students are provided with critical-thinking opportunities and hands-on experience. This is a dual credit offering through CWI - course FINA 109.

## Calculus 1A-Advanced

Math 170 Fall 21 Syllabus.docx.pdf

Teacher: Sierra Biggs

Open to:  Juniors and Seniors

Prerequisites:  Successful completion of Pre-Calculus

Required: No

Credits:  1

Length:  1 semester

Description:  This is the first course in the calculus sequence. It covers algebraic and transcendental functions, rate of change, limits, continuity, differentiation of algebraic, trig, exponential, logarithmic, and hyperbolic functions, differentials, applications of differentiation, definite and indefinite integrals, area between curves, volumes, and other applications of integration, indeterminate forms and L'Hôpital's rule. This course is a dual credit course with CWI Math 170.

# Calculus 1B-Advanced

📄 Math 170 Syllabus.pdf

Teacher: Sierra Biggs

Open to:  Juniors and Seniors

Prerequisites:  Successful completion of Pre-Calculus

Required: No

Credits:  1

Length:  1 semester

Description:  This is the first course in the calculus sequence. It covers algebraic and transcendental functions, rate of change, limits, continuity, differentiation of algebraic, trig, exponential, logarithmic, and hyperbolic functions, differentials, applications of differentiation, definite and indefinite integrals, area between curves, volumes, and other applications of integration, indeterminate forms and L'Hôpital's rule. This course is a dual credit course with CWI Math 170.

# Calculus II A-Advanced

📄 Math 175 Fall 21 Syllabus.docx.pdf

Teacher: Sierra Biggs

Open to:  Seniors

Prerequisites:  Successful completion of Calculus I

Required:  No

Credits:  1

Length:  1 semester

Description:  This is the second course in the calculus sequence. It covers techniques of integration, improper integrals, Simpson's Rule, Trapezoidal Rule, arc length, surface area, and other applications of integration, direction (slope) fields, parametric equations, polar calculus, conic sections, infinite sequences and series, power series, and Taylor's formula. This course is a dual credit course with CWI Math 175.

# Calculus II B-Advanced

📕 Math 175 Syllabus.pdf

Teacher: Sierra Biggs

Open to:  Seniors

Prerequisites:  Successful completion of Calculus I

Required:  No

Credits:  1

Length:  1 semsester

Description:  This is the second course in the calculus sequence. It covers techniques of integration, improper integrals, Simpson's Rule, Trapezoidal Rule, arc length, surface area, and other applications of integration, direction (slope) fields, parametric equations, polar calculus, conic sections, infinite sequences and series, power series, and Taylor's formula. This course is a dual credit course with CWI Math 175.

# CC English 4A

📕 CC 4A Syllabus.pdf

📕 CCS Standards for Grades 11-12.pdf

Teacher: Karl vonderehe

| | |
|---|---|
| Open to: | Seniors |
| Prerequisites: | Successful completion of CC English 3A & 3B or equivalent course. |
| 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. |

# CC English 4B

📄 CC English 4B (2022).pdf

📄 CCS Standards for Grades 11-12.pdf

Teacher: Karl vonderehe

| | |
|---|---|
| Open to: | Seniors |
| Prerequisites: | Successful completion of CC English 3A & 3B or equivalent course. |
| Required: | Yes |
| Credits: | 2 |
| Length: | 1 year |
| Description: | This course is an overview and practice of the principles and applications of technical communication. Assignments are related to each student's background and field of interest. Topics include letters, instructions, reports, and technical presentations, as well as audience analysis, the writing process, graphics, document design, and the ethics of technical communication. Students will read a variety of literary works. |

# College Algebra A

📄 Math 143 Fall 21 Syllabus.docx (1).pdf

Teacher: Sierra Biggs

Open to:  Seniors

Prerequisites:  Successful completion of CC Math 3

Required:  No

Credits:  1

Length:  1 semester

Description:  This course covers advanced algebra. Topics include equations and inequalities; polynomial rational, exponential and logarithmic functions; systems of equations; conics; and the binomial theorem. The course is a dual credit course with CWI Math 143.

# College Algebra B

Math 143 Syllabus.pdf

Teacher: Sierra Biggs

Open to:  Seniors

Prerequisites:  Successful completion of CC Math 3

Required:  No

Credits:  1

Length:  1 semester

Description:  This course covers advanced algebra. Topics include equations and inequalities; polynomial rational, exponential and logarithmic functions; systems of equations; conics; and the binomial theorem. The course is a dual credit course with CWI Math 143.

# Computer Science 3A

CS221 Syllabus.pdf

Programming_Software_Development_Program_Standards-1.pdf

Teacher: Duane Erickson

| | |
|---|---|
| Open to: | Seniors |
| Prerequisites: | Computer Science 1B |
| Required: | No |
| Credits: | 2 |
| Length: | 1 semester |

|  | Description: | Object-oriented design including inheritance, polymorphism, and dynamic binding. Graphical user interfaces. Recursion. Introduction to program correctness and testing/analysis of time/space requirements. Basic data structures: lists, collections, stacks, and queues. Basic searching and sorting. This course is dual credited with BSU 221. |

## Computer Science 3B

Computer Science 3B.pdf

Programming_Software_Development_Program_Standards-1.pdf

Teacher: Duane Erickson

| Open to: | Seniors |
| Prerequisites: | Computer Science 3A |
| Required: | No |
| Credits: | 2 |
| Length: | 1 Semester |
| Description: | 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. |

## Consumer Economics

Economics Syllabus 2020-2021.pdf

Teacher: Julie Grainger
Teacher: Ben Taylor

| Open to: | Seniors |
| Prerequisites: | None |
| Required: | Yes |
| Credits: | 1 credit for year long class |
| Length: | 1 year |

Upon the successful completion of this course students will be able to:

- Understand the economic way of thinking.
- Identify different economic systems are used throughout the world; understand factors of production.
- Know and interpret supply, demand, scarcity, and opportunity; explain implications on decisions.
- Explain how markets are competitive and discuss the pros and cons of regulation.

Description:
- Distinguish between different types of business organizations and ramifications of different types.
- Understand the difference between monetary policy and fiscal policy and the role of the Federal Reserve.
- Know the role of labor unions and how they affect the economy.
- Overview of personal finances and the time value of money.

# Electronics 3A

📕 Electronics 3A-B Syllabus.pdf

Teacher: Nathan Bushard

| | |
|---|---|
| Open to: | Seniors, |
| Prerequisites: | Electronics 1 & 2 |
| Required: | No |
| Credits: | 4 |
| Length: | 1 Semester |

|  | Description: | This course covers, DC, AC and Analog electronics theory and application. Certification is available in these areas. Test equipment such as oscilloscopes, function generators, digital 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 faults entered into NIDA trainers to enhance troubleshooting skills. |

## Electronics 3B

📄 Electronics 3A-B Syllabus.pdf

Teacher: Nathan Bushard

| Open to: | Seniors, |
|---|---|
| Prerequisites: | Electronics 1, 2 & 3A |
| Required: | No |
| Credits: | 4 |
| Length: | 1 Semester |

| Description: | This course covers, DC, AC and Analog electronics theory and application. Certification is available in these areas. Test equipment such as oscilloscopes, function generators, digital 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 faults entered into NIDA trainers to enhance troubleshooting skills. |
|---|---|

## Media Design 3A

| Open to: | Seniors |
|---|---|

| | |
|---|---|
| Prerequisites: | Media Design 2 |
| Required: | No |
| Credits: | 2 |
| Length: | 1 Semester |
| Description: | Media Design 3A is a Senior level design course where students work on advanced media projects from video production, graphic design, Web, and Interactive Media. |

📄 Senior Media Design 3A.pdf

Teacher: Ben Taylor

## Media Design 3B

📄 Senior MWD IIIB Syllabus.pdf

Teacher: Ben Taylor

| | |
|---|---|
| Open to: | Seniors |
| Prerequisites: | Media Design 3B |
| Required: | No |
| Credits: | 2 |
| Length: | 1 Semester |
| Description: | This is the final semester of Senior Design. Students will complete their Idaho Graphic Design TSA. Students will be put into groups and work on advanced design projects including video production, game design, and interactive media design. |

## Networking 3A

📄 Networking 3A Syllabus 2021.pdf

Teacher: Lee Lovell

| | |
|---|---|
| Open to: | Seniors |
| Prerequisites: | Networking 2 |
| Required: | No |
| Credits: | 2 |
| Length: | 1 Semester |

Description:
Security Pro is being taught. Concepts and Objectives are:
- Access Control and Identity Management
- Policies, Procedures, and Awareness
- Physical Security of Data Center and Network devices
- Perimeter Defenses
- Host Defenses
- Application Defenses
- Data Defenses
- Audits and Assessments
- Securing a network and devices on the network from outside data attacks

## Networking 3B

📄 Networking 3B Syllabus 2022.pdf

Teacher: Lee Lovell

Credits:        2
Length:        1 Semester

Description: Seniors choose a project where they can design, install and maintain a server or network service that will improve the Network at MTCHS or assist students' knowledge and technology skills at MTCHS or in a home or small business environment.

For the 2021-2022 school year, students will be studying PC Pro, which will help prepare them to pass the CompTIA A+ industry certification.

## Senior Internship

📄 Internship Syllabus 2021-2022.pdf

Teacher: Cheryl Deitchler

Open to: Seniors
Prerequisites: Successful Completion of Junior Classes
Required: Yes

Credits: 5
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, videos and portfolios 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.

The external internship will require the student to transport themselves to an off-campus business.

## Senior Project

📄 Senior Project Syllabus.pdf

Teacher: Cheryl Deitchler
Teacher: Julie Grainger
Teacher: Ben Taylor

Students will be broken up into groups and they will be required to come up with
business/entrepreneurship ideas that will utilize technological skills they have learned
throughout their time at MTCHS. Teams will come up with a business name,

a
product/solution/service and create a website/app/mockup to present to real business leaders in our community. Students will learn to work together as a team, as well as practice in public speaking, interviewing, research and development.
Students attendance is an absolute must. Students who fail to meet the attendance
requirements will be forced to complete a separate project. Final Project Grades will be posted in Semester 2 in the following classes: Senior Seminar, Speech, Economics & Tech Class.

## Senior Seminar

📄 Syllabus 2021-2022.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 transcripted at the end of Semester 2.

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## Modeling & Animation 2

Teacher: Ben Taylor

## Video 2

📄 Video Production 2.pdf

Teacher: Ben Taylor

Students enrolled in Video 2 are given the flexibility to work on various real-world video production assignments. Students will gain confidence and technical skill in areas ranging from filming, editing, photography, motion graphics, and audio production.

Students who excel will be asked to compete at SkillsUSA state competition in video production.

Gmetrix key: 03417-TaylAdob7-48823

## 🛡 [Help & How-to](#) 🔓

Teacher: [Sierra Biggs](#)

Teacher: [Jeff Bodell](#)

Teacher: [Nathan Bushard](#)

Teacher: [Chad Church](#)

Teacher: [Mora Claflin](#)

Teacher: [Cindy Currie Ascuena](#)

Teacher: [Cheryl Deitchler](#)

Teacher: [Duane Erickson](#)

Teacher: [Vincent French](#)

Teacher: [Julie Grainger](#)

Teacher: [Mary Helen Green](#)

Teacher: [Andrew Pence](#)

Teacher: [Beth Richtsmeier](#)

Teacher: [Debbie Riley](#)

Teacher: [Elaine Shannon](#)

Teacher: [Ben Taylor](#)

Teacher: [Karl vonderehe](#)

Teacher: [Randy Yadon](#)

Tech Support Information

## 🛡 [Modeling & Animation](#)

📄 [3d Animation Syllabus.pdf](#)

Teacher: [Ben Taylor](#)

Open to:      All MTCHS Students

Prerequisites: None

| Required: | No |
| Credits: | 1 |
| Length: | Year Long |
| Description: | This is a before/after school class. This year students will be learning about Modeling, Texturing, Rigging, Animation, Lighting, and Rendering in Autodesk Maya. |

## Game Design 2

📄 GD Syllabus 2019.pdf

Teacher: Andrew Pence
Teacher: Ben Taylor

| Open to: | Sophomores-Seniors |
| Prerequisites: | Game Design 1 |
| Required: | No |
| Credits: | 1 |
| Length: | 1 Year |
| Description: | Students enrolled in Game Design 2 are placed on a team and their goal is to create a working video game, with the intended purpose of competing in Interactive Applications and Game Design at SkillsUSA state competition. |

## Speech

Teacher: Karl vonderehe

| Open to: | Seniors |
| Prerequisites: | None |
| Required: | No |
| Credits: | 1 |
| Length: | |

|  | |
|---|---|
| Description: | This class introduces the student to the communication process, listening skills, viewing skills, and public speaking. Emphasis is placed on student performance activities. It is designed to help students engage in the understanding of human communication and practice of improving one's ability to express ideas orally. |

## Spanish 3B

Teacher: Andrew Pence

Open to:

Prerequisites: Spanish 3A

Required:     No

Credits:      1

Length:       1 Semester

Description:   This course covers

## Spanish 3A

Teacher: Andrew Pence
Teacher: Beth Richtsmeier

Open to:

Prerequisites: Completion of Spanish 2A,B

Required:     No

Credits:      1

Length:       1 Semester

Description:   This course covers

## Video 1

📄 **VP Syllabus 2019.pdf**

Teacher: Ben Taylor

| | |
|---|---|
| Open to: | All MTCHS Students |
| Prerequisites: | None |
| Required: | No |
| Credits: | 1 |
| Length: | Year Long |
| Description: | This is a before/after school class. This year students will be learning about and certifying in Adobe Premiere Pro and Adobe After Effects. Students will earn their ACA certification in Premiere Pro and After Effects as well as gain proficiency in understanding how to do their own video production projects. |

## Game Design I

📄 **GD Syllabus 2019.pdf**

Teacher: Ben Taylor

| | |
|---|---|
| Open to: | All MTCHS Students |
| Prerequisites: | None |
| Required: | No |
| Credits: | 1 |
| Length: | Year |
| Description: | This course covers has two levels, year one and year two. Year one begins with an intro to Unity, 3d modeling using Maya, and intro to programming with C#, the second semester students continue by creating a 2d platformer using Unity and the adobe suite. Year two students use Unreal Engine and Maya to create a full 3d game. |

## Business Partnerships and Internship

Teacher: Nathan Bushard
Teacher: Cheryl Deitchler
Teacher: Duane Erickson
Teacher: Lee Lovell
Teacher: Ben Taylor

This is an information only class.

## Dragon's Den

Teacher: Debbie Riley
Teacher: Karl vonderehe

**Course Information:**

| | |
|---|---|
| **Open to:** | MTCHS students and staff |
| **Prerequisites:** | None |
| **Required:** | No |
| **Credits:** | 0 |
| **Length:** | Self-study |
| **Description:** | This is a Language Arts self-study course designed for those students who want or need to improve their Language Arts skills.  Freshmen students will be working through the course as part of their review requirements, but it is open to all MTCHS students and staff. |

## Citizenship and Professionalism

📄 CPG Syllabus 2021-2022.pdf

📄 Professional Dress Rubric CURRENT (1).pdf

Teacher: Cheryl Deitchler
Teacher: Andrew Pence
Teacher: Randy Yadon

| | |
|---|---|
| Open to: | Freshmen, Sophomores, Juniors, Seniors, |
| Prerequisites: | Required |
| Required: | Yes |
| Credits: | 1 |
| Length: | 1 Semester |

Full Year. Pass/Fail. This class is not included in GPA calculations. Each student will receive a grade in professionalism and citizenship. If a student is failing on any Report Card prior to S2, they will receive a letter outlining what the student needs to accomplish to pass. If the students are failing at the end of the year, they will have to appear before the School Board to remain at MTCHS. The grading rubric for this citizenship class can be found below under syllabus. Grades will be composed of the following: Community Service, Professional Dress,  and Professionalism.

## Vex Robotics Competition 2013

## Solidworks Workshop

## STOR: SkillsUSA, VEX Robotics & Esports

SkillsUSA Advisor: Moodle Administrator
SkillsUSA Advisor: Jeff Bodell
SkillsUSA Advisor: Nathan Bushard
SkillsUSA Advisor: Chad Church
SkillsUSA Advisor: Mora Claflin
SkillsUSA Advisor: Cheryl Deitchler
SkillsUSA Advisor: Duane Erickson
SkillsUSA Advisor: Vincent French
SkillsUSA Advisor: Chelsey Gillies
SkillsUSA Advisor: Julie Grainger

SkillsUSA Advisor: [Mary Helen Green](#)
SkillsUSA Advisor: [Contest Judge](#)
SkillsUSA Advisor: [Lee Lovell](#)
SkillsUSA Advisor: [Andrew Pence](#)
SkillsUSA Advisor: [Beth Richtsmeier](#)
SkillsUSA Advisor: [Debbie Riley](#)
SkillsUSA Advisor: [Elaine Shannon](#)
SkillsUSA Advisor: [Ben Taylor](#)
SkillsUSA Advisor: [Karl vonderehe](#)
SkillsUSA Advisor: [Randy Yadon](#)

# [Student Government 2020-2021](#)

Teacher: [Chad Church](#)
Teacher: [Andrew Pence](#)

# [Counseling Resources](#)

Teacher: [Mary Helen Green](#)

This course provides some resouces and information relating to Post-secondary education opportunities and how to access them.

# [IC3-Computer Basics 2013](#)

Teacher: [Jeff Bodell](#)
Teacher: [Duane Erickson](#)
Teacher: [Debbie Riley](#)

**Course Information:**

IC3 DIGITAL LITERACY CERTIFICATION

**Open to:**          All Students

**Prerequisites:**      None

**Required:**         No

**Credits:**          0

**Length:**          Self-Study

**Description:**                        This course is intended to help freshmen students with the IC3 certification exam by p

personal review.

Add a new course

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ⓘ  Help and documentation

You are logged in as Beth Richtsmeier (Log out)
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