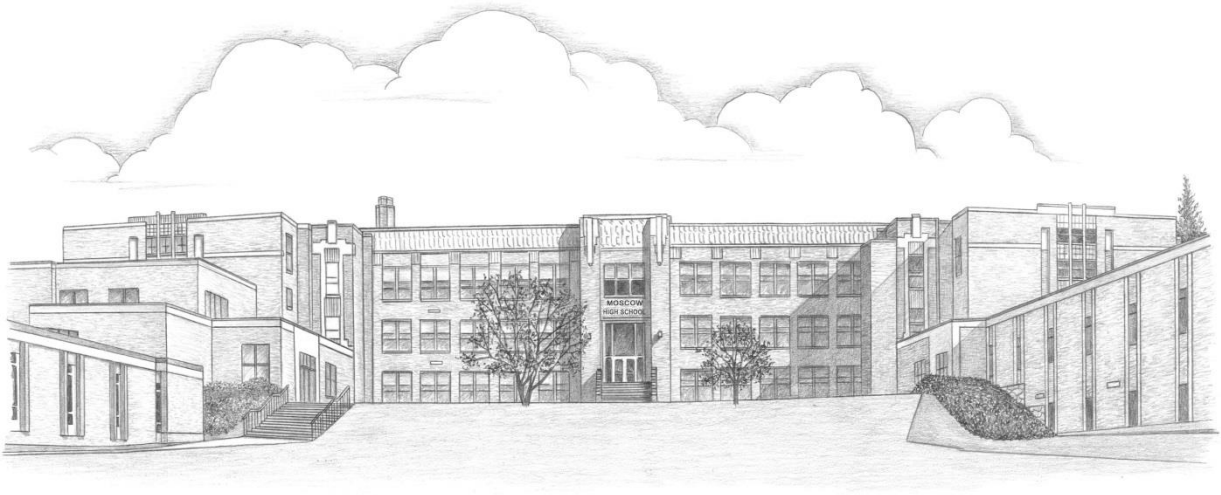

Moscow High School

Moscow School District # 281



**Academic Guide
2022 - 2023**

Introduction

The Moscow High School grades 9 - 12 Academic Guide is provided for the benefit of the students and staff, as well as the parents and patrons of the Moscow School District. It is designed to give information that will aid students and their parents in the selection of courses which will further career plans, as well as complete state and local graduation requirements.

The 9 – 12 curriculum is reviewed each year to be certain that offerings are relevant to the needs of our students. Changes in the curriculum are made only after careful consideration of educational needs and the financial constraints of the Moscow School District.

Every effort is made by the faculty to involve students and their families in the selection of courses which make up a student's schedule. While teachers and counselors may assist in the planning of the student's program, the final decision is the responsibility of those who are personally involved in the student's future. However, due to financial and physical constraints, schedule changes will be limited after final schedules are set.

Mission Statement

To provide the best education possible to prepare students for the complexities of adult life by creating a community of knowledgeable students who respect themselves and others and who accept responsibility for their actions in the world and community in which they live.

Statement of Beliefs

We Believe:

All people can learn and learning is a life-long process.

The family, community, and school district share a responsibility for the quality education of our youth.

Students, families, and the schools should have high expectations for student success.

Students need to achieve success in fundamental and advanced literacy.

Teachers inspire learning and guide students in the acquisition of knowledge, skill, and attitudes.

Individual strengths should be encouraged and developed.

Schools prepare students for adult life.

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MOSCOW HIGH SCHOOL

Class of 2021 - 2024

GRADUATION REQUIREMENTS

Graduation requirements are stated in terms of "credits earned." One credit is awarded for each semester of successfully completed work. To earn a Moscow High School Diploma, a total of fifty-one (48) credits are required.

<u>Subject</u>	<u>Complete Within Grades</u>	<u>Credits</u>
English	9 - 12	8
Speech	9 - 12	1
Mathematics (2 credits senior year)	9 - 12	6
Physical Education I (1 semester)	9 - 10	1
Health (1 semester)	9 - 12	1
Physical Education Electives	9 - 12	2
World History	9	2
U.S. History	10 – 11	2
U.S. Government	12	2
Senior Project	11 - 12	1
Economics	11 - 12	1
Science (4 Lab)	9 - 12	6
Humanities (<i>Interdisciplinary Humanities, Fine Arts or World Language</i>)	9 – 12	2
Total		35
Electives: The remaining credits of the total requirement are to be chosen from the student's selection of electives.	9 - 12	13
Total Credits		48

Please note: Many out of state and private schools require students to have 2 years of the same world language and some require a year of art. It is important that students look at college admissions requirements when choosing their courses at Moscow High. If students or parents have questions regarding a specific college admissions requirements, please see one of the counselors for more information.



MOSCOW HIGH SCHOOL

Classes of 2025 and Beyond

GRADUATION REQUIREMENTS

Graduation requirements are stated in terms of "credits earned." One credit is awarded for each semester of successfully completed work. To earn a Moscow High School Diploma, a total of fifty-one (51) credits are required.

<u>Subject</u>	<u>Complete Within Grades</u>	<u>Credits</u>
English	9 - 12	8
Speech	9 - 12	1
Mathematics (2 credits senior year)	9 - 12	6
Physical Education I (1 semester)	9 - 10	1
Health (1 semester)	9 - 12	1
Physical Education Electives	9 - 12	2
World History	9	2
U.S. History	10 – 11	2
U.S. Government	12	2
Senior Project	11 - 12	1
Economics	11 - 12	1
Science (4 Lab)	9 - 12	6
Humanities (<i>Interdisciplinary Humanities, Fine Arts or World Language</i>)	9 – 12	2
Total		35
Electives: The remaining credits of the total requirement are to be chosen from the student's selection of electives.	9 - 12	16
Total Credits		51

Please note: Many out of state and private schools require students to have 2 years of the same world language and some require a year of art. It is important that students look at college admissions requirements when choosing their courses at Moscow High. If students or parents have questions regarding a specific college admissions requirements, please see one of the counselors for more information.



STATE OF IDAHO GRADUATION MINIMUM REQUIREMENTS

These outline the minimum graduation requirements as outlined in IDAPA 08.02.03 104, 105, 106. School districts may have additional local requirements that impact student graduation

Content Area	State Credit Requirements
Core of Instruction	29 credits
Electives	17 credits
Additional Requirements	See Descriptions
Total Credits	46 credits (minimum)
<p>By the end of the 8th grade, each student shall develop a parent-approved student learning plan for their high school and post-high school options. A sample learning plan can be found at: http://www.sde.idaho.gov/student-engagement/advanced-ops/files/programs/Generic-Learning-Plan.pdf</p>	
CORE SUBJECT AREAS	29 CREDITS
Language Arts <ul style="list-style-type: none"> • English – 8 credits • Speech – 1 credit 	<u>9 credits</u> Speech credit can be obtained through other courses that meet the state speech requirement as approved by the local district.
Mathematics <ul style="list-style-type: none"> • Algebra 1 – 2 credits • Geometry – 2 credits • Student Choice – 2 credits 	<u>6 credits</u> Two credits must be taken in last year of high school. Students who have completed six (6) credits of math prior to the fall of their last year of high school, including at least two (2) semesters of an Advanced Placement or dual credit calculus or high level course, are exempt from taking math during their last year of high school.
Science <ul style="list-style-type: none"> • Lab-based – 4 credits 	<u>6 credits</u> May include biology, physical science, chemistry, earth, space, and environment or approved applied science. AP Computer Science, Dual Credit Computer Science, and Dual Credit Engineering can be considered as either a math or science credit.
Social Studies <ul style="list-style-type: none"> • US History – 2 credits • Government – 2 credits • Economics – 1 credit 	<u>5 credits</u> Courses such as geography, sociology, psychology and world history may not count towards this requirement.
Humanities	2 credits May include visual arts, music, theatre, dance or world language aligned to Idaho content standards for those subjects.
Health	1 credit CPR is required to be taught in Health. (Effective for students entering 9 th grade Fall 2015 or later.)
Electives	17 Credits

ADDITIONAL REQUIREMENTS	DESCRIPTION
Advanced Opportunities	<p>Districts must offer at least one Advanced Opportunity such as: Dual Credit, Advanced Placement, Technical Competency Credit, or International Baccalaureate.</p> <p>*For more information on Advanced Opportunities, visit: http://www.sde.idaho.gov/student-engagement/advanced-ops/index.html</p>
Senior Project	<p>Required to include a written report and oral presentation by end of grade 12 with guidelines set at the district level.</p>
College Entrance Exam	<p>Take either the ACT or SAT exam before the end of the student's 11th grade beginning with students for the school year 2014 – 2015. Students who miss the college entrance exam in 11th grade because they moved to Idaho from out-of-state, were homeschooled or had a medical issue, could take the state funded make-up exam in the Fall of their 12th grade.</p> <p>*For more information on college entrance exams, visit: http://www.sde.idaho.gov/assessment/college/</p> <p>*The State Board of Education has waived the College Entrance Exam admission requirement through the 2021-2022 academic year for the Idaho public higher education institutions.</p>
Middle School Credit	<p>Must take Pre-Algebra before entering 9th grade.</p> <p>A student will have met the high school content and credit requirement for any required high school course if: The student completes such course with a grade C or higher before entering 9th grade; course meets the same content standards that are required for high school and course is taught by a properly certified teacher. Parents of middle school student taking a course for high school credit must be notified that the course is available for high school credit and must be given the option as to whether or not the course is transcribed.</p>

For more information on High School Graduation Requirements, visit: <http://sde.idaho.gov/topics/hs-grad-req/>



Registration Practices and Process

COURSE SELECTION

The Moscow High School counselors meet with students' grade 8 -11 in an academic class to discuss pre-registration. Students are given the following material to aid them in course selection:

- registration or course selection form
- Academic Guide which includes graduation requirements and course descriptions
- copy of a transcript which indicates course work
- completed and remaining graduation requirements.

THE MASTER SCHEDULE

Once the student course selection data is entered into the computer program it is then determined how many sections of each class must be scheduled in order to satisfy student requests. The best effort is made to create a schedule that meets all student needs, but staffing issues and funding can create limitations. If a course enrollment is too low to justify staffing, the course will be dropped. As a result, students are encouraged to indicate a second choice for elective courses.

SORTING STUDENTS INTO CLASSES

Once the master schedule is created based on pre-enrollment numbers, teaching assignments are made based on appropriate certification and experience. Enrollment caps are issued on each class so that upon sorting, the computer program will as closely balance class enrollment as possible.

The computer program will assign students to semester long classes making every effort to schedule students with the same teachers all year. Because there are a number of single semester offerings available to students, sometimes course selection requires that students change teachers at semester.

Students who have a conflict in their schedule (enrolled in two classes that are only offered the same single period) will be placed in an alternative selection. If they indicated an alternative or second choice on their pre-registration form the computer program will try to accommodate the request. If they did not indicate a second choice the schedule cannot be completed and the counselors complete the schedule manually by placing the student in what seems to be the most appropriate course on a space available basis.

SCHEDULE CHANGES

The master schedule and teacher assignments are based on an intricate relationship between student requests, class caps and balance, and staffing. The computer program strives to maintain a balanced enrollment in all classes. Therefore, student/parent requests for teachers cannot be considered and is not a criterion for schedule changes.

- Schedule changes should be completed prior to the beginning of the semester. In view of the fact that this is not always possible, some changes will be allowed after the start of the semester. The following policies will be observed.
- Students **will not** be permitted to add or drop class after the first eight (8) days of the semester.
- Students will not be permitted to drop a class in order to home school during that period after the first eight (8) days of the semester.

Schedule changes after the deadline will be permitted **ONLY** in the following cases:

- ▶ **Failure to meet a graduation requirement**
- ▶ **Misplacement (The student has not had enough preparation for the material.)**
- ▶ **To arrange for a course at the University of Idaho.**
- ▶ **To arrange for a work experience in connection with an office occupations class.**

FAILURE TO COMPLETE CREDITS

Students who fail to complete credits by their planned graduation date should see the principal to make arrangements to earn their diploma. This may involve correspondence courses or re-enrollment in the regular program. Each case will be dealt with on an individual basis.

UNIVERSITY COURSES

Students may enroll in college courses for high school credit at the University of Idaho while they are enrolled as full-time students at MHS providing:

- they have approval of their parents & school counselor.
- University accepts them upon receipt of dual enrollment form.
- They sign a release for their grades to be sent to the Moscow High School Registrar.

In order for a college course to meet a high school graduation requirement, the course must meet their minimum requirements as stated in the Secondary Courses of Study (for enrollment for that discipline) and the State of Idaho Curriculum Guide.

Before enrolling in a college course, students will provide the school counselors with the necessary information to determine that a course qualified for the credit the student is seeking. All students must meet the prerequisites for a course before enrollment will be permitted. High school courses will not be rescheduled or waived because of a conflict with a university course.

ONLINE COURSES

Students must fill out a **Correspondence Course Permission Form** before signing up for the class. The forms are located in the counseling center. All final grades from online courses taken through any accredited program will be posted to student's academic transcripts. Students do not have the option of choosing which classes can be posted. The grade percentages will transfer directly to MHS grading system as follows: 90 – 100 = A; 80 – 89 = B; 70 – 79 = C; 60 – 69 = D; 0 – 59 = F

STUDENT LOAD

Full-time students at Moscow High School are required to be enrolled in seven (7) classes each semester. The student who is involved in a cooperative work program connected with Business/Marketing Work Internships or Career Experience is required to take a minimum of six (6) other classes.

ALTERNATE CREDIT PROCEDURES

Credit by Transfer - Credit awarded for a course taken at another accredited institution with content equivalent to that of a required or elective course at Moscow High School. This option may or may not meet current NCAA requirements.

Credit by Examination - Credit awarded for a course on the basis of an examination in lieu of enrollment. Credit by examination is covered by Board Policy 6125. Note: This option does not meet current NCAA requirements.

Credit by Substitution - Replacement of a required course with another course.

A. Introduction. The Moscow School District grants a high school diploma to those students meeting the requirements as adopted by the Moscow School District Board of Trustees. The requirement for granting of a diploma are chiefly those of the State of Idaho. The procedures for the granting of waivers apply only to those Moscow High School graduation requirements which supplement state requirements.

B. World History. In addition to receiving credit by transfer for courses taken abroad, students who meet the criteria in Board Policy 6115.00, *District Students Studying in Foreign Countries*, may receive two (2) elective credits for the experience of studying abroad; or in lieu of credits, students may elect to use the experience of studying abroad to waive World History provided they submit a plan in advance as outlined in Section B.

C. Mitigating Circumstances. The Moscow School District Board of Trustees reserves the ability to grant waivers or allow substitutions of local high school graduation requirements when the applicant has provided written evidence of overwhelming, mitigating circumstances. Such circumstances might include, but are not limited to, students with physical disabilities and transfer students. A student applying for a waiver because of mitigating circumstances must submit a written application of interest to the principal or principal's designee.

D. Other Considerations.

- The term "high school" as used throughout this document encompasses Grades 9 - 12.
- Waivers will not be awarded retroactively.

E. Decisions. In the case of the principal's denial of a waiver request, students and parents/guardians have the right of appeal to the superintendent and ultimately to the Board of Trustees.

F. Review and Revision. These procedures will be evaluated annually for their ability to provide students with flexibility while maintaining district graduation standards. Revisions will be made based on the outcome of those evaluations.



NCAA Eligibility for Division I and II Schools

Students who hope to participate in college athletics or receive an athletic scholarship should meet with their counselor prior to course selection for the freshman year. Some courses such as English Essentials and basic classes will not meet the NCAA Clearinghouse Core Eligibility requirements. See the counselors or visit www.ncaaclearinghouse.net to learn more about Moscow High School's list of approved core courses.

The initial-eligibility standards for NCAA Division I college-bound student-athletes are changing. College-bound student-athletes first entering a Division I college or university on or after August 1, 2016, will need to meet new academic rules in order to receive athletics aid (scholarship), practice or compete during their first year. See the counselors or visit www.ncaaclearinghouse.net to learn more.

Academic Updates and Grading Procedures



Moscow High School uses computerized report cards. Report cards are distributed to students at the end of each semester. Parents will be notified, through our School Messenger program, at the end of every six week grading period, that grades are updated and ready to be viewed in PowerSchool.

Credit is awarded only at the end of the semester when a semester grade is given.

Letter grades are used to designate academic grades at Moscow High School. Regular grading in most courses is the standard A, B, C, D, and F, with F being failure. Other letters or combination of letters may be used on a student's report card as follows:

I INCOMPLETE

All work should be completed at the grading periods. To allow students extra time to finish work is unfair to the students who complete their work on time and encourages poor study habits. A reasonable period (one day for each day absent) may be allowed to complete work in case of illness.

NON-GPA GRADES: Classes taken at foreign schools during exchanges are graded Pass/Fail. Office Aide, Building Techs and Student Aide are graded Pass/Fail.

NC **NO credit** - Indicates that no credit was awarded.
NCA **NO credit** – No credit due to attendance issues.

When a student repeats an academic course, the student's transcript shows the grade and credit earned in that class. Only the most recent course taken will be included in GPA calculations. When varied skill and/or performance levels can be achieved in the same class--i.e. art, music, physical education, work experience, and special education classes, a student will receive a grade and credit each time the class is taken.

Students with a grade point average of 3.90 to 4.00 will graduate **Summa Cum Laude** and will be eligible to wear the equivalent medal and a gold honor cord at commencement ceremonies.

Students with a grade point average of 3.70 to 3.89 will graduate **Magna Cum Laude** and will be eligible to wear the equivalent medal and silver honor cord at commencement ceremonies.

Students with a grade point average of 3.40 to 3.69 will graduate **Cum Laude** and will be eligible to wear the equivalent medal and the bronze honor cord at commencement ceremonies.

Work Experience



Moscow High School offers students a variety of work experience programs. Programs differ in requirements and opportunity. Interested students **must confer with a counselor** to determine which program provides appropriate placement. Each work experience program requires the **permission of the instructor**. List of available programs: **Business-Marketing Work Internship**; **COPE (Community Orientation & Pre-Vocational Education)**; **Work Based Learning Experience Discover U/Career Pathways** is a pre or co-requisite for **Work Based Learning**.



Art

The Art Department is here for the students who want to explore their creative side, be it on a beginner's level or more advanced. Students will be provided the necessary processes and tools for the understanding of fine arts. Basic Elements of Art and Principles of Design will be taught. A variety of ideas will be selected to produce a variety of art projects.

Painting (9,10,11,12) 1 Semester

Prerequisites: None

This course includes the following units of study: to create and learn composition in a variety of art medium; the mixing, flow application of a variety of colors, the practice of design elements, drawing, self-expression, and problem-solving skills. Repeated with variations second semester.

Drawing (9,10,11,12) 1 Semester

Prerequisites: None

This course is designed to stimulate the creative juices and teach not only the beginning art student, but the more experienced student, the fundamentals of drawing techniques, self-expression, creative problem-solving skills and the use of a variety of drawing media. This course may be repeated for additional enjoyment and experience. Repeated with variations second semester.

Sculpture (9,10,11,12) 1 Semester

Prerequisites: None

This basic sculpture class is designed to give a hands-on experience in art which includes exploration with a variety of three-dimensional media, with an emphasis on self-expression, creative problem-solving skills. This course may be repeated for additional experience.

Printmaking (9,10,11,12) 1 Semester

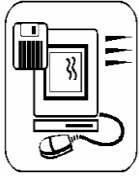
Prerequisites: None

This is a one semester class designed to give students the opportunity to explore color, paint and printmaking through a variety of mediums. Students will create various compositions and become familiar with a range artistic processes.

Art 111 – DC (11,12) 1 Semester

Prerequisites: None

Dual Credit Art 111 is a studio course that introduces students to a survey of drawing approaches based on perceptual drawing. Students learn about drawing processes, concepts and related vocabularies while coordinating the hand and the eye. Freehand drawing is the focus in the exploration of a variety of drawing techniques and media. Emphasis will be placed on line quality, proportion, perspective, value, and expressive mark-making. A variety of drawing materials and techniques will be introduced and drawing-related historical precedents will be researched and studied to promote personal expression and understanding. Through drawing explorations and critiques, students refine their drawing ability, increase problem solving ability, and learn about expressive communication.



Business-Marketing Education

The Business-Marketing Education program at MHS is designed to help students acquire the knowledge and skills necessary for today's technological environment. The program aims at teaching students to become flexible in their career capabilities and gain an understanding of the business world. Computer usage is emphasized in all classes as computer skills are now considered part of basic education for all students - whether college or workplace is the immediate goal.

Business Technology (9,10,11,12) 1 or 2 Semesters

Prerequisites: Keyboarding I or 25 wpm

This course provides students with an introduction to desktop publishing and web design. The course includes units of instruction in the following: career awareness and job seeking skills, development and maintenance of a website using Front Page, desktop publishing using Adobe PageMaker and Adobe Photoshop using digital cameras. Also included are Individual and group projects developing brochures, posters, flyers, and other documents for the school and community.

Accounting (9,10,11,12) 1 Semester

Prerequisites: Keyboarding I or 25 wpm

Students study fundamental accounting principles and gain an understanding of accounting procedures used in business, industry and personal finance. Journals, ledgers, balance sheets and income statements are covered. An introduction to computerized accounting is included as well as a brief introduction to Quick Books.

Business Computer Applications I (9,10,11,12) 1 Semester

Prerequisites: Keyboarding I or 25 wpm

Students learn advanced word processing and Access database management. Word processing will include desktop publishing, mail merge and other advanced features including brochures, posters, and pamphlets. Work place skills will include creating a resume, application letter and business cards.

Business Computer Applications II (9,10,11,12) 1 Semester

Prerequisites: Keyboarding I or 25 wpm

Students will learn Excel and PowerPoint. Excel is the most widely used spreadsheet application. PowerPoint will include developing presentations using video, sound and digital photography. Integration of Word, PowerPoint, Excel and Access will be mastered.

Yearbook/Desktop Publishing (also listed in English section) (9,10,11,12) 2 Semesters

Prerequisites: Keyboarding skills or 25 wpm, 1 semester or concurrently enrolled in Business Tech

Course is designed to produce the high school yearbook using InDesign, Adobe Photoshop and Adobe Premiere which is used for video editing. Layout, design, and copy writing are stressed as is black and white photography and darkroom procedures as well as digital photography. The photographers will also produce photographs for a variety of school wide needs. The class is valuable to those interested in journalism and graphic arts. Students enrolled should display enthusiasm, cooperation, responsibility, the ability to work independently, and a willingness to work extra hours beyond scheduled class time.

Economics (11,12) 1 Semester

Economics is a one-semester course that explores the role of consumers, businesses, and the government in the global economy. Economics provides an overview of fundamental macro and microeconomic concepts, as well as practical skills and knowledge in the area of financial literacy. The use of technology is emphasized throughout the class. Economics meets graduation requirements, and is a required course.

Office Technology (10,11,12) 1 Semester

Prerequisites: Completion of a business course (2 semesters of same business class)

A course designed to provide students with the opportunity to continue study in the areas of Accounting, Graphic Design or to complete a work internship. The course includes integration of concepts into realistic simulations and incorporation of computers as they relate to the typical tasks in a modern business. Students study emerging technologies and concepts that will allow them to function effectively in a high-tech environment.



Agriculture

The Agriculture Department offers courses that utilize hands-on lessons to teach the concepts of agriculture as well as practice an array of life skills and prepare for future careers and education after high school. Students gain leadership skills such as public speaking as well as career specific skills such as welding. Students learn to apply and transfer this knowledge to common everyday problems and life after high school.

Introduction to Agriculture Education (9,10,11,12) 2 Semesters

Prerequisite: none

This course covers a wide array of topics within the agricultural industry, exposing students to the many and varied types of agriculture including careers, leadership opportunities, livestock and animals, plant science, and natural resources. This course serves as an introduction of students to the agricultural field, providing an opportunity to identify and area for continued study. This course will focus on developing communication skills, business principles, and leadership skills in relation to agriculture-related fields of study.

Introduction to Agricultural Mechanics (9,10,11,12) 1 Semester

Prerequisite: none

Introduction to Agricultural Mechanics will provide students with an introduction to skills and knowledge that are specifically applicable to the tools and equipment used in the agriculture industry. While learning to apply basic industrial knowledge and skills (engine mechanics, power systems, welding, and carpentry, among others), students may explore a broad range of topics, including the operation, mechanics, and care of machines; a study of electricity and power principles; and safety procedures.

Agricultural Mechanics (10,11,12) 2 Semesters

Prerequisite: Introduction to Agricultural Mechanics

This course is the second in a series to continue education in the knowledge and skills that are specifically applicable to the tools and equipment used in the agriculture industry. More advanced principles of the mechanics of agriculture will be explored.

Agricultural Welding (10, 11, 12) 2 Semesters

Prerequisite: Introduction to Agricultural Mechanics

Agricultural Welding is a course designed to develop skills in Arc and Oxy-Acetylene welding as well as implement advanced fabrication and manufacturing technology practices.

Agricultural Communications and Leadership (10,11,12) 1 Semester

Prerequisite: must have 1 intro Agriculture class and also one additional Agriculture class

This course prepares individuals to serve in leadership and communication roles in agriculture. Course topics will include an examination of the journalistic, communication and broadcasting principles to develop and disseminate agricultural information, along with leadership principles related to leadership theory and personal leadership development.

Experiential Learning and Supervised Agriculture Experience (SAE) Programs (9,10) 2 Semesters

Prerequisite: Intro to Agriculture Education and Teacher Permission

Students will think creatively while learning to set goals and manage time through this self-directed class. Students will plan their supervised agriculture experiences (SAEs) and implement their plans throughout the semester. Students will learn to evaluate information, keep records, gain problem-solving skills, and gain experiences related to their career and college related goals. Students will gain experience while planning and implementing their SAE projects throughout the term.

Humanities

AP Spanish Language	French 2	Sculpture
Art 111	French 3	Spanish 1
Band	French 4	Spanish 2
Choir	History of Rock and Roll	Spanish 3
Color Theory/Printmaking	Music Appreciation	String Orchestra
Drawing	Painting	Symphonic Band
Extended Learning Internship	Percussion	World Cultures
French 1	Performing Arts	

Work Based Learning

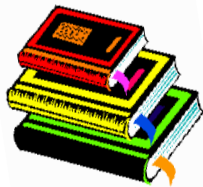
DiscoverU Career Pathways DC (10,11,12) 1 Semester

Students will engage in personal and career exploration as they learn about their strengths, interests, and aptitudes, as well as the careers that align. The course will prepare students for the next stage of their life, and includes workplace readiness training and an emphasis on skills that help students succeed in post-secondary education. This is a prerequisite or corequisite for all students interested in taking Work Based Learning courses. This course is offered for dual credit with the University of Idaho.

Work Based Learning Experience (10,11,12) 1 Semester

Students gain work experience at approved worksites in the community, and participate in bi-weekly workshops that focus on career readiness skills. Students receive release time from class to work, and must complete a minimum of 140 hours of work per credit per semester. Introduction to Career Pathways is a prerequisite or corequisite for all students.

Language Arts - English



English is more universally needed and has wider applications and uses than other subjects for it is the medium of communication in all phases of life. Indeed, a good command of English is essential. Although students can speak, read, and write when they enter Moscow High School, additional instruction is needed to increase proficiency in these skills.

NINTH GRADE COURSES:

English Skills (9,10,11,12) 2 Semesters

The English Skills class focuses on intensive remediation of reading and writing skills. This class uses research based materials to provide instruction and assessment. Students are placed in this course based upon test scores and/or individual education plans.

Student placement in the program is based upon assessment and screening only.

****The NCAA Clearinghouse and some colleges may not accept Essentials English as high school English credit.**

English 9 (9) 2 Semesters

Students will appreciate and understand literature through short stories, novels, poetry, Shakespearean drama, and non-fiction. Students will write in narrative, descriptive, and expository modes. Students will write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence; informative/explanatory texts to examine and convey complex ideas, concepts and information clearly and accurately through the effective selection, organization and analysis of content; and narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.

Accelerated English 9 (9) 2 Semesters

Accelerated English 9 is an option which replaces the required English 9 class. This class is designed for students who are highly motivated, self-starting learners who would benefit from the English 9 curriculum at an accelerated pace. Students will appreciate and understand literature through short stories, novels, poetry, Shakespearean drama, and non-fiction. Students will write in narrative, descriptive, and expository modes. Students will write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence; informative/explanatory texts to examine and convey complex ideas, concepts and information clearly and accurately through the effective selection, organization and analysis of content; and narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.

TENTH GRADE COURSES:

English Skills (9,10,11,12) 2 Semesters

The English Skills class focuses on intensive remediation of reading and writing skills. This class uses research based materials to provide instruction and assessment. Students are placed in this course based upon test scores and/or individual education plans.

Students are placed in the program based upon assessment and screening only.

****The NCAA Clearinghouse and some colleges may not accept Essentials English as high school English credit.**

English 10 (10) 2 Semesters

Prerequisites: None

This course is based on Early American Literature through American Realism. Genres will include the novel, short story, drama, autobiography/biography, speeches and poetry. Students will write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence; informative/explanatory texts to examine and convey complex ideas, concepts and information clearly and accurately through the effective selection, organization and analysis of content; and narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.

Accelerated English 10 (10) 2 Semesters

Prerequisites: None

This course is a rigorous and intensive program of study focusing on Early American literature through 1900. Genres will include the novel, short story, drama, autobiography/biography, speeches and poetry. Students will write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence; informative/explanatory texts to examine and convey complex ideas, concepts and information clearly and accurately through the effective selection, organization and analysis of content; and narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences. Rhetorical analysis will be introduced second semester. This course is intended for the student who is interested in approaching the study of English at a rapid pace and who is serious about delving deeper into the study of writing and literature

ELEVENTH GRADE COURSES:

English Skills (9,10,11,12) 2 Semesters

The English Skills class focuses on intensive remediation of reading and writing skills. This class uses research based materials to provide instruction and assessment. Students are placed in this course based upon test scores and/or individual education plans.

Student placement in the program is based upon assessment and screening only.

****The NCAA Clearinghouse and some colleges may not accept Essentials English as high school English credit.**

English 11 (11) 2 Semesters

Prerequisites: None

Curriculum is based on Modern American Literature to the present. Genres will include the novel, short story, drama, autobiography/biography, speeches and poetry. Students will write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence. Students will write informative/explanatory texts to examine and convey complex ideas, concepts and information clearly and accurately through the effective selection, organization and analysis of content. Students will also write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences. In addition, students will meet the requirements for English 101, Rhetoric and Writing, through the University of Idaho.

Advanced Placement English Composition DC (11) 2 Semesters

Prerequisites: Instructor approval or recommendation

Advanced Placement English Composition is specifically designed to enable students to write effectively and confidently in their future college courses and in their personal and professional lives. This college-level class is the equivalent of an introductory college composition class. The class will prepare students for the College Board Advanced Placement Language and Composition exam in May. Students will have an opportunity to become more skilled readers, writers, and thinkers.

Over the course of the year, students will read texts (usually prose, from several disciplines and time periods) critically to see how an author produces his or her desired effect on a particular audience. Students will write texts in which they accomplish a purpose for a particular audience. Additionally, students will develop research skills that allow students to evaluate sources, both primary and secondary, and synthesize key information from them in order to support researched arguments.

For a fee, students will also have the option of taking the AP Language and Composition exam in May. Most colleges and universities honor the AP exam, offering college credit for a passing score, but each student should check individual university requirements. Classroom requirements are the same whether students plan to take the exam or not.

Students enrolled in AP Language and Composition will also have the option to take Dual Credit ENGL 101, Introduction to College Writing. English 101 is an introductory college-level composition course that focuses on strategies for critical reading, generating ideas for writing, planning and organizing material, and for revising and editing. It is intended to prepare you for the demands of college reading and writing

Note: AP is a full-year commitment. Due to the structure of the curriculum, students will not be able to transfer out of the class between semesters.

TWELFTH GRADE COURSES:

English Skills (9,10,11,12) 2 Semesters

The English Skills class focuses on intensive remediation of reading and writing skills. This class uses research based materials to provide instruction and assessment. Students are placed in this course based upon test scores and/or individual education plans.

****The NCAA Clearinghouse and some colleges may not accept English Skills as high school English credit.**

English 12 (12) 2 Semesters

Prerequisites: None

First semester covers foundational literature from Gilgamesh through the Greeks and Romans up to the medieval period. Second semester covers major Western works from Shakespeare to the Enlightenment through the modern period. Students will write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence. Students will write informative/explanatory texts to examine and convey complex ideas, concepts and information clearly and accurately through the effective selection, organization and analysis of content. Students will also write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.

Advanced Placement English 12 DC (12) 2 Semesters

Prerequisites: Instructor approval or recommendation

Advanced Placement English Literature and Composition is designed to be on par with a college-level freshman literature course, giving students the opportunity to become more critical readers and more proficient writers. The end goal is for students to be able to read, analyze, evaluate, and write lucidly and sophisticatedly about virtually anything they experience.

Over the course of the year, students will read and analyze prose, poetry, and drama from authors around the world; prepare for the AP exam by writing timed essays and practicing multiple choice questions; and write a variety of other pieces including college application essays and a critical analysis of two works of literature of choice. In addition, students will be required to read a prescribed number of works of AP-appropriate literature outside of class.

For a fee, students will also have the option of taking the AP Literature and Composition exam in May. Most colleges and universities honor the AP exam, offering college credit for a passing score, but each student should check individual university requirements. Classroom requirements are the same whether students plan to take the exam or not. **Note: AP is a full-year commitment. Due to the structure of the curriculum, a student will not be able to transfer out of the class between semesters.**

Literature of Western Civilization DC (12) 2 Semesters

Prerequisites: None

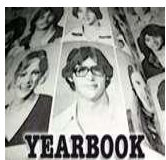
First semester covers foundational literature from Gilgamesh through the Greeks and Romans up to the medieval period. Second semester covers major Western works from Shakespeare to the Enlightenment through the modern period. Students will write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence. Students will write informative/explanatory texts to examine and convey complex ideas, concepts and information clearly and accurately through the effective selection, organization and analysis of content. Students will also write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences. Literature is chosen to reflect the University of Idaho syllabus for Eng 257 in the fall and Eng 258 in the spring. Three UI credits are available for each class.

Speech (9,10,11,12) 1 Semester

Prerequisites: None

Speech is a program to help students better understand the complexities of the communication process and to succeed in a world of interaction. The required semester speech course offers instruction in each of the critical components: communication process, listening, speech preparation, and human relations skills. The course offers opportunities for students to develop skills and improve self-image. Communication technology is integrated through the use of computer programs and video equipment, especially for the multi-media presentations. These skills enable the students to engage critically, constructively, and effectively in various communication settings, e.g. interpersonal, small group, public speaking, and mass communication settings.

Language Arts – Electives



Yearbook/Desktop Publishing (also listed in English section) (9,10,11,12) 2 Semesters

Prerequisites: Keyboarding skills or 25 wpm, 1 semester or concurrently enrolled in Business Tech, Complete application.

Course is designed to produce the high school yearbook using InDesign, Adobe Photoshop and Adobe Premiere which is used for video editing. Layout, design, and copy writing are stressed as is black and white photography and darkroom procedures as well as digital photography. The photographers will also produce photographs for a variety of school wide needs. The class is valuable to those interested in journalism and graphic arts. Students enrolled should display enthusiasm, cooperation, responsibility, the ability to work independently, and a willingness to work extra hours beyond scheduled class time.

Advanced Speech (10,11,12) 1 Semester

Advanced Speech (10,11,12) 1 Semester Advanced Speech will focus on strengthening skills in public speaking, organization, communication, as well as introduce students to competitive speaking competitions. This course is available to any student who has successfully completed Speech and is designed for students who enjoy public speaking and want to learn speaking styles that go beyond basic implementation, want to speak competitively, and are interested in educated public discourse. This course will allow students to compete in District and State Speech through IHSAA and is offered for concurrent credit through NNU. A student can earn 3 credits for Intro to Public Speaking COMM1210. The credits will replace/count as an intro to public speaking course for all Idaho universities, as well as other colleges. This course may be repeated for additional credit as COMM2120 Communications Activities.

Performing Arts (9,10,11,12) 1 Semester

This is an advanced class for seasoned performers. The students will work on a variety of theater activities. A public performance is an expectation of this class. This course does **not** satisfy the speech requirement. Students may retake this course, which is geared for the IHSAA drama competition at both District and State level. Two-third's class time is spent working on drama projects for this competition. Purchasing an ASB card is a requirement to participate in any IHSAA activity.

Mathematics



Mathematics is included in the curriculum of Moscow High School to give students an appreciation and understanding of the world of numbers and space.

General Applied Mathematics (9, 10) 2 Semesters

Course reinforces general math skills for students who have previously attained them, may extend these skills to include some pre-algebra and algebra topics, and use these skills in a wide variety of practical, consumer, business, and occupational applications. Applied Math – General Focus courses reinforce general mathematics topics, such as arithmetic using rational numbers, and measurement. Enhancement topics: ratio and proportion, exponents and radicals, area perimeter, and volume of geometric figures, formulas, and simple equations.

Pre-Algebra (9, 10)

2 Semesters

Prerequisites: PAG 1, PAG 2, General Applied or equivalent course work

This course reinforces general math skills for students who have previously attained them in math classes. It builds on those general math skills by introducing pre-algebra and some basic algebra topics. These skills are used in a wide variety of practical applications throughout the course. Topics covered in class include: number sense, algebra rules, geometry, functions, proportional reasoning, measurement, and exponents.

Algebra I (9, 10) **2 Semesters**

Prerequisites: Pre-Algebra, PAG2, PAG 3, or equivalent course work

Students enrolled in Algebra 1 are expected to have an adequate knowledge of basic mathematics concepts in all operations involving whole numbers, decimals, and fractions. Topics in this course will be the language of algebra, real numbers, linear equations, graphing, functions, inequalities and solving systems of equations and inequalities, exponents and exponential functions, polynomials, factoring, quadratic and exponential functions, radical and rational expressions, statistics, and probability.

Other areas that will be studied are: geometry, measurement, data analysis, problem solving, reasoning, communication, and real life connections.

Geometry (9, 10, 11, 12) **2 Semesters**

Prerequisites: strongly recommended that Algebra I be completed with a passing grade

This course aims to formalize and extend the geometry that students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concepts for formal proof, exploring the properties of two- and three- dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles, and using the language of set theory to compute and interpret probabilities for compound events. Students will use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others, sharing information, expertise, and ideas.

Algebra II (10, 11, 12) **2 Semesters**

Prerequisites: It is strongly recommended that students have passed Algebra I with a C or higher

Algebra II is a continuation of the work begun in Algebra 1. Units of study will include the following: solutions of equations and inequalities of degree one, methods of factoring, rational expressions, irrational and complex numbers, solutions of equations and inequalities of degree two or more, quadratic relations and systems, exponentials and logarithms, sequences, series, and introduction to trigonometry. This Course can be taken concurrently with geometry with teacher's permission.

Business Math (11, 12) **2 Semesters**

Prerequisites: This course is designed for 12th grade, non-college bound students

Course reinforces general math skills for students who have previously attained them, emphasizes accuracy in computations, may extend the general math skills to cover additional math concepts, and uses these skills in a variety of financial applications. Business Math reinforces general math topics such as arithmetic using rational numbers, measurement, percent and basic statistics. In addition, this course applies these skills to personal/business problems and situations; applications might include wages, hourly rates, payroll deductions, insurance, investments, credit, sales, profit and loss, supply and demand, financial reports, and algebraically modeling a business.

Statistics (11, 12) **2 Semesters**

Prerequisites: It is strongly recommended that students have passed Algebra II with a C or higher

This course is a rigorous, introductory course designed to introduce students to the major concepts and tools for collecting, organizing, analyzing, displaying and interpreting numerical information from data. Topics will include describing and displaying data; linear regression; surveys, experiments and observational studies; probability and probability models; normal and sampling distributions and models; confidence intervals; hypothesis testing; and multiple regression. There is a special emphasis on the use of technology including calculators (TI-84+ or equivalent recommended), and computers (Excel). Major research projects will culminate both semesters.

Pre-Calculus (11, 12) **2 Semesters**

Prerequisites: It is strongly recommended that students have passed Geometry and Algebra II with a C or higher

This course is designed to provide tools that students will need for college mathematics courses, particularly calculus. Students will build on their learning from advanced algebra and geometry to construct a deeper understanding of functions. In the study of pre-calculus and trigonometry, we will be investigating functions in new ways and working with more abstract forms, including trigonometric functions. We will develop an understanding of the concepts of limits, area, and slope that are essential in the development of calculus.

AP Calculus AB (11,12) 2 Semesters

Prerequisite: Pre-Calculus and Teacher Recommendation

This course is designed for the student who has a real interest in mathematics. Units of study will include: Limits and continuity, differentiation, application of differentiation, integration, and application of integration.

Computational Thinking and Problem Solving (11,12) 2 Semesters

Prerequisites: It is strongly recommended that students have passed Algebra II with a C or higher.

This course is an introduction to computational thinking and problem solving, including elementary computing concepts such as variables, loops, functions, lists, conditionals, concurrency, data types, simple object oriented concepts, I/O, events, syntax, structured programming, basic concepts of computer organization editing and the influence of computers in modern society. Students will program using multiple languages as well as develop and hone their interests in computer science.

AP Computer Science (11,12) 2 Semesters

Prerequisite: none

This course is equivalent to a first-semester, college level course in Computer Science. It introduces Computer Science with fundamental topics that include problem-solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. This course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.

Music



Percussion (9,10,11,12) 1 Semester (Fall Only)

Prerequisites: Previous 8th grade band experience preferred

This course is offered in conjunction with Band and is open to any student who plays a percussion instrument. Members will meet as a percussion ensemble and perform music of all periods and styles and develop musical skills by listening, performance, and research. Each band member will be expected to practice outside of classroom rehearsals and participate in all band activities such as rehearsals and performances.

During September and October, the percussion students perform with the band at home football games and during marching shows. During the winter months, the pep band performs at basketball games and at a winter concert. Basketball pep band is open to all MHS students who are proficient on a band instrument. Percussion students are expected to sign up for Band second semester.

Music Appreciation (9,10,11,12) 1 Semester (Spring Only)

Prerequisites: none

This is a non-performing music course designed to study musical style, music around the world, fundamentals of music, composition and physics of music. Students will experience a variety of music from different time periods, cultures and styles, make new connections between artistic disciplines, analyze and evaluate music, as well as try their hand at creating music.

Band (9,10,11,12) 2 Semesters

Prerequisites: Previous 8th grade band experience preferred

This course is open to any student who plays a percussion, woodwind or brass instrument. String players will see the instructor for placement. Members will meet as a symphonic band and perform music of all periods and styles and develop musical skills by listening, performance, and research. Each band member will be expected to practice outside of classroom rehearsals and participate in all band activities such as rehearsals and performances.

During September and October, the band performs at home football games. During the winter months, the pep band performs at basketball games. Basketball pep band is open to all MHS students who are proficient on a band instrument. In the spring, the band travels to participate in a festival and learn techniques from some of the best adjudicators/clinicians in North America.

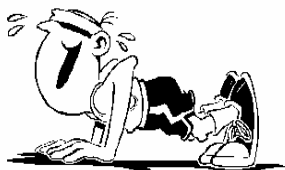
Choir (9,10,11,12) 2 Semesters

Prerequisites: Previous Choir experience helpful

This course is designed for students who are interested in singing a variety of four-part choral music, applying proper vocal technique, improving musicianship, and performing in an ensemble. Beginners who seek a challenge are welcome. Rehearsals, performances in and out of school, and in-class choral activities are required. Choir typically participates in at least two adjudicated festivals off campus and performs 2-3 concerts per semester. Experienced Choir students can opt to compete in district solo competitions as well as audition for district, state, and all-northwest honor choirs.

String Orchestra (9,10,11,12) 2 Semesters

Open to all interested students who have completed at least one year of study on a stringed instrument (violin, viola, cello, and string bass). This year-long course will include study in bowing technique, rhythm, and reading music of different styles and periods. Home practice and attendance at scheduled functions and performances are required



Health

Physical Education /

Physical Education is a comprehensive program in which learning activities are sequenced by objectives, instructional strategies and standards of achievement. Participation in physical education develops the fundamental knowledge of fitness and exercise which lead to the application of these values for a lifetime. Courses will be structured and conducted to promote improvement of general health, wellbeing, and self-esteem of every student by creating and encouraging interest in participating in physical activity, sport, and recreation.

Goals for physical education courses include but are not limited to:

- Show personal improvement in areas of muscular strength, muscular endurance, cardio-respiratory endurance, flexibility and body composition. These fitness components will be measured throughout the semester.
- Develop and demonstrate health, wellness and fitness content knowledge.
- Exhibit social responsibility that reflects self-respect and respect of others within the physical activity and classroom settings.
- Participate in physical activity for health, enjoyment and/or satisfaction, challenge, self-expression and/or social interaction.
- Demonstrate competency in motor skills and movement patterns needed to perform a variety of physical activities.

Mandatory Physical Education and Health Core Requirements:

Both Health and Physical Education I core classes must be completed and passed to meet graduation requirements.

Health (9,10,11,12) 1 Semester

This course covers the three aspects of health: mental, physical and social health. In our mental health unit topics include discussions on wellness, stress, mental disorders and decision making. For physical health we emphasize disease prevention, nutrition and exercise. Our social health unit stresses relationships, dating, drug abuse, and our sex education curriculum.

Physical Education I (9,10) 1 Semester

This course combines components of health education and related physical activity so students will better understand the connection between physical activity and a healthy lifestyle. The major goal of promoting wellness and physical activity among students is to help them develop knowledge, attitudes, and behavioral skills they need to establish and maintain a physically active and healthy lifestyle.

Physical Education Elective Requirements

Physical Education II (9,10,11,12) 1 Semester

Prerequisites: Completion of Physical Education 1 is recommended.

This course is designed for students to participate in a variety of accelerated team and individual related activities. This curriculum will provide students with the opportunity to practice and develop the skills necessary to maintain a healthy lifestyle.

Outdoor Education (9,10,11,12) 1 Semester

This course is designed for students to participate in a variety of nontraditional activities that challenge their physical fitness levels and outdoor survival skills. These may include backpacking, rock climbing, fishing, swimming, bicycling, in-line skating, orienteering, and cross country skiing. Some fees apply to this course.

Fundamentals of Fitness (9,10,11,12) 1 Semester

This course is designed for students to participate in a variety of activities and develop a healthy, active lifestyle and increase their personal level of fitness. Activities include but are not limited to: WalkFit, hiking, yoga, self-defense, working with PCEI on environmental projects and volunteering in the community.

Weight Training I (9,10,11,12) 1 Semester

This course is designed for students to participate in strength and conditioning techniques used for enhancing personal fitness with an emphasis on safety and content knowledge. Students will learn the basic fundamentals of strength training, aerobic training, circuit training and overall fitness components. Students will be empowered to make personal choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. Course includes both lecture and activity sessions.

Weight Training II (10,11,12) 1 Semester

Prerequisites: Credit completion of Weight Training I is recommended.

This is an advanced course for students to participate in progressive levels of strength and conditioning with an emphasis on speed, agility and flexibility. Students will be empowered to make personal choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. Students will learn and demonstrate advanced techniques. Freshman will be accepted upon written approval of course instructor.



Science

In a world in which the technological progress of man is accelerating at an almost incomprehensible pace, the science department offers courses of study which are designed to familiarize MHS students with both the methods and achievements of science. Courses in the biological and physical sciences are offered to meet the needs of students with varying degrees of interest and skill.

Animal Science (9,10,11,12) 2 Semester

Prerequisite: None

This course provides students with an understanding of the livestock and animal industry. An array of topics will be covered involved in animal science including careers in the animal industry, animal handling, digestion, nutrition, reproduction, and much more. This hands-on course is a great opportunity for students to learn about the animal industry as well as gain an array of skills.

Earth Science (9) 2 Semesters

Earth Science is designed to teach students to observe and interpret physical features, processes, and phenomena that surround them. Since humans play an increasingly important role in altering their physical environment, general scientific literacy in this field has become necessary. Major units examining the dynamic geology of Earth and the events of the past preserved within the rock record are covered along with astronomy and meteorology. Material from the physical and life sciences is incorporated. Activities include modeling and laboratory exercises designed to encourage both individual and group involvement. Supplementary materials and activities are available to any student who is willing to pursue the subject in greater depth.

Environmental Science (10,11,12) 2 Semesters

Prerequisites: None

This course will include topics affecting your life and your community. A range of activities will help students understand how science relates to their lives. (This is not recommended as a terminal science course for college-bound students.)

Advanced Environmental Science (11,12) 1 Semester

Prerequisites: Biology

This course is designed for highly motivated students interested in learning advanced scientific concepts and methods for evaluating environmental problems and their solutions. Topics will include conservation biology, human population dynamics, global energy issues, air and water quality, forest issues, waste issues, soil issues, agricultural biotechnology, climate change, and environmental toxicology. This course requires significant outside readings and research.

AES is a dual enrollment class with University of Idaho (UI). Students enrolled in the first semester of AES can also enroll in the 3-credit, 1-semester class, Introductory Environmental Science (EnvS101). Students enrolled in a second semester of AES can also enroll in the 1-credit, 1-semester class, Field Methods in Environmental Science (EnvS102).

Conceptual Physics (10,11,12) 2 Semesters

Prerequisites: None

Conceptual Physics is the physical science which treats matter and energy and their transformations. Units of study include motion, mechanics, light, magnetism and electricity. The following techniques are utilized: lecture-discussion, labs and problem-solving sessions. The course requires a minimum of one hour of outside work each week. It is designed for students who have an interest in science or a curiosity about the physical nature of their environment.

Biology (10) 2 Semesters

Prerequisites: None

This course is a general study of biology. Students cover the major topics in biology: ecology, cell biology, genetics, evolution, organismal biology, and microbiology. It is a lab-based course emphasizes experimentation and activities to reinforce the content and science methods.

Honors Biology (10,11,12) 2 Semesters

Prerequisites: Earth Science (recommended grade of B or better)

Honors Biology offers a fast-paced, in-depth introduction to the biological sciences, with an emphasis on genetics, evolution, ecology, ethology, organismal biology, and systematics. It is an academically demanding class designed for students who wish to be challenged in the sciences, and are willing to work hard. Students are expected to recall and build on the material they studied in Life Science, Physical Science and Earth Science. The course is lab-based and requires that students design, conduct and summarize original experiments. Honors Biology is not offered to students who have already completed a year of Biology.

Chemistry (11,12) 2 Semesters

Prerequisite: Passing grade in Algebra

An introduction to chemical concepts and principles. Chemistry will utilize many mathematical concepts for each unit. Topics may include atomic structure, periodic law, chemical bonds, states of matter, formulas and equations, chemical solutions, gas laws, and acid-base relationships with the possibility of advanced work in qualitative analysis, and organic and consumer chemistry. The following techniques are utilized in class: lecture-discussion, labs, and problem-solving sessions. Chemistry requires a minimum of two hours per week outside of class time. Chemistry is designed for students who have an interest in science and preparing for college work.

Honors Chemistry (11,12) 2 Semesters

Prerequisites: Biology or Honors Biology, Algebra II, completion of or enrollment in Precalculus strongly encouraged

A class intended for highly motivated students who wish to explore chemistry to a greater quantitative depth and extent. Honors Chemistry incorporates multiple mathematical concepts for each unit in Chemistry. Students will spend more time creating lab activities than in the traditional chemistry class. Though this is not an AP course, it will often follow an AP Chemistry curriculum and provide enough depth and breadth for students interested in taking the AP exam.

AP Chemistry (12) 2 Semester

Prerequisites: Earned grade of B or higher in Chemistry & teacher approval, or earned grade of C or higher in Honors Chemistry

This year-long, laboratory-based course is equivalent to a college-level chemistry course and provides students with a foundation to support future advanced coursework in chemistry. Students will cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Successful progression through the curriculum prepares students for the AP Chemistry exam in May.

Physics (11,12) 2 Semesters

Prerequisites: Algebra, Concurrent Math, Advanced Algebra and/or Geometry

Physics is the physical science which treats matter and energy and their transformations. Units of study include motion, mechanics, light, magnetism and electricity. The following techniques are utilized: lecture-discussion, labs and problem-

solving sessions. Physics requires a minimum of two hours of outside work each week. Physics is designed for students who have an interest in science or a curiosity about the physical nature of their environment. Physics will benefit those students who intend to study at the college level.

AP Physics C Mechanics DC (11,12) 2 Semesters

Prerequisite: Concurrent or previous enrollment in a Calculus class is strongly encouraged.

The AP Physics C (Mechanics) is a national calculus-based course in physics. Introductory differential and integral calculus is used throughout the course. This course is equivalent to the pre-engineering introductory physics course for university students. The emphasis is on conceptual development and the development of a concrete set of problem solving skills. This will be accomplished through a variety of researched based physics education techniques, lecture, demonstrations, problem solving, and laboratories. Laboratory work is an integral part of this course and will occupy about twenty percent of class time. Concurrent or previous enrollment in a Calculus class is strongly encouraged. Students wanting to take the course without this requirement need to talk with the instructor prior to being enrolled. AP Physics will be offered as a dual enrollment class with the University of Idaho starting Fall of 2016.

Human Anatomy and Physiology (11,12) 1 Semester

Prerequisites: 2 semesters of Biology AND 2 semester of Chemistry, or concurrent enrollment in Chemistry. Prior or concurrent enrollment in Physics is recommended.

Anatomy and Physiology is a laboratory science dealing with the study, classification and understanding of body structures and functions. The 'Anatomy' of this course is the study of the structure and shape of the body, its parts, and their relationships with one another. The 'Physiology' of this class is the study of how the body and its parts work or function. Structure and function relationships are stressed along with underlying physio-chemical mechanisms. Labs will focus on dissection of prepared specimens.

Social Studies



The field of social studies involves a wide range of courses about humanity and society, past and present. The student of social studies at Moscow High School will have an opportunity to develop: an understanding of the historical events that affect the life of each person in today's world; a deeper appreciation of people and their cultures; a problem solving approach to life that reflects critical analysis and historical perspective, objectivity, and knowledge; and an awareness of his/her own values.

World History (9) 2 Semesters

This course is designed to provide a comprehensive view of the history of human society from the Renaissance in Europe to the present, picking up where the 8th grade course ends. We will examine the progress of civilizations around the world and the political, geographic, economic, social, religious, military, scientific, and cultural developments and contributions of each. The course is intended to provide students with an understanding of how humanity has advanced, and continues to advance and develop in the modern world.

US History - Colonial to Present DC (10,11,12) 2 Semesters

This year-long course is a survey of United States History from colonial settlement to the present. This required class will focus on the people, events, and major themes that have shaped our country since its conception, including the American Revolution, Civil War, industrialization, World Wars I and II, the Civil Rights Movement, and the Vietnam Conflict.

Economics (11,12) 1 Semester (included in Business Marketing Education Section)

Economics is a one-semester course that explores the role of consumers, businesses, and the government in the global economy. Economics provides an overview of fundamental macro and microeconomic concepts, as well as practical skills and knowledge in the area of financial literacy. The use of technology is emphasized throughout the class. Economics meets graduation requirements, and is a required course.

Government DC (12) 2 Semesters

Prerequisites: None

A study of federal, state, county, and city governments in five major areas: the structure and function of government institutions, political leadership, decision-making, ideology, and the role of the citizen. The object of the course is to develop a better understanding of how government works and the problems faced at all levels of government. A study of the judicial branch, the Idaho Legislature and civil liberties are also included.

Psychology (11,12) 1 Semester

Prerequisites: None

This is an introductory course covering concepts and current issues in psychology. Students will learn about the role of biology in psychology, human consciousness, development across the lifespan, learning, memory, thinking and intelligence, motivation and emotion, social psychology, self and personality, psychological disorders, and treatment of psychological disorders. This course is offered for dual credit with the University of Idaho.



Sociology (11,12) 1 Semester

This single semester elective provides students with a basic knowledge of Sociology via exploration of various accepted social theories and analysis of macro and micro elements of society. The course places heavy emphasis on the development of the sociological imagination.

History of Rock and Roll DC (11,12) 1 Semester

The Social History of Rock and Roll is a one semester elective that will blend the foundation of rock music from the 20th century with the social and political history of the United States. This course will focus on the origins of Rock and Roll, the artists who popularized it, and its influence on American politics, society and culture. Topics include the Birth of the Blues, Rockability Sweeps the Nation, American Bandstand, Singer-Activist, British Invasion, Civil Rights and Motown, Hippie Culture and more.

Advanced Placement United States History (11,12) 2 Semesters

Prerequisites: none

Advanced Placement U.S. History is a challenging course that is meant to be the equivalent of a freshman level college course. It is open to both juniors and seniors and satisfies the U.S. History graduation requirement. It is a two semester survey of American History from the age of exploration and discovery to the present. Solid reading and writing skills along with a willingness to devote considerable time to homework and study are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing and interpretation of original documents.

In May, students will have the opportunity to take the Advanced Placement Exam to determine if their studies may possibly be awarded credit at the college of their choice. This exam will be given on the Moscow High School campus under the guidelines of the Educational Testing Service, but students will have to bear the expense (\$87) themselves. High school U.S. History credit will be earned for passing the AP class regardless of whether or not a student takes/passes the AP exam.

Advanced Placement U.S. Government and Politics (12) 2 Semesters

Prerequisites: none

Advanced Placement U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. Government and Politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.

World Languages

World language offerings at Moscow High School include Spanish, French and Mandarin Chinese. Most higher learning institutions in the nation require students to have two years of world language study prior to entrance. Furthermore, as the world becomes increasingly interconnected, knowledge of one or more world languages will expand students' career opportunities and enhance their understanding of foreign cultures. To gain adequate proficiency, two or more years of study in the same world language are recommended. Students have the opportunity to study four years of Spanish and four years of French at Moscow High School. The fourth year of Spanish and French are offered as Advanced Placement courses.

French 1 (9,10,11,12) 2 Semesters

Prerequisites: None

This introductory course is designed to help students acquire the basic language skills required to comprehend, speak, read, and write French. The course includes essential vocabulary as well as verbs in the present tense and passé composé. Grammar is presented as a means of transmitting a spoken or written message as accurately as possible. Cultural activities

are integrated into each lesson, and are designed to reinforce the language acquisition. Students are expected to complete audio activities and some web-based activities at home. In general, one year of high school French is equivalent to one semester of college French.

French 2 (9,10,11,12) 2 Semesters

Prerequisites: French 1

In this intermediate French course, students build on the basic skills acquired in French I. The following verb tenses and moods are studied: present, past, imperfect, conditional, future, subjunctive, imperative, and passé simple. Students write essays, short stories and film scripts, and will complete two short film projects. We read many selections from literature, including *Le Petit Prince* in its entirety. Students are expected to complete many CD audio activities and some web-based activities at home. By the end of French II, students should be well-prepared to express themselves clearly in written and spoken French and to fully explore French literature. In general, two years of high school French are equivalent to two semesters of college French. Students enrolled in French 2 will have the option to take Dual Enrollment French 102 through the University of Idaho. Two semesters of French 2 earn one semester of UI credit for French.

French 3 (10, 11,12) 2 Semesters

Prerequisites: French 1 and 2

In this third year of French, we explore the history of French-speaking countries from the dawn of civilization to the present day. In-class activities include reading and discussing short stories and poetry, and viewing and discussing French films and French news casts. Written homework assignments direct students to practice the vocabulary from each piece of literature or film. Aural homework and classroom activities, including web-based activities, enhance listening comprehension. A review of French grammar accompanies each week's lesson. Students enrolled in French 3 will have the option to take Dual Enrollment French 201 through the University of Idaho. Two semesters of French 3 earn one semester of UI credit for French.

French 4(11,12) 2 Semesters

Prerequisites: French 1 and 2

This fourth year of French language focuses on improving students' listening and speaking skills by applying the vocabulary and grammar they have learned in French 1-3. In-class activities include reading and discussing short stories, plays and poetry; viewing and discussing French films; and discussing French history and culture. A French grammar review accompanies each week's lesson. Students are expected to utilize other resources from the internet to further develop their abilities in reading, writing, speaking and culture.

Spanish 1 (9,10,11,12) 2 Semesters

Prerequisites: None

This introductory course is designed to provide students with basic language skills required to comprehend, speak, read, and write Spanish. Class time is an opportunity to practice the Spanish students would hear and speak visiting a Spanish-speaking country. Grammar is presented as a means of transmitting a spoken or written message as accurately as possible. Cultural emphasis is on geography of the Spanish-speaking countries and customs and daily life of native Spanish-speakers. In general, one year of high school Spanish is equivalent to one semester of college Spanish.

Spanish 2 (9,10,11,12) 2 Semesters

Prerequisites: Spanish 1

We will continue our exploration of Spanish culture and language, with an emphasis on vocabulary building, grammar, and spoken language. Cultural activities are an integral part of the basic skills and reinforce the language acquisition. The second year of any world language is usually the most intense, but your efforts will pay off. As in Spanish I, class time will be devoted to introduction of vocabulary and grammar, and to practicing speaking and comprehending spoken Spanish. By the end of Spanish 2, you will be well-prepared to express yourself at the novice level in written and spoken Spanish. Students enrolled in Spanish 2 will have the option to take Dual Enrollment Spanish 102 through the University of Idaho. Two semesters of Spanish 2 equals one semester of UI credit for Spanish.

Spanish 3 (10,11,12) 2 Semesters

Prerequisites: Spanish 1 & 2

This class will focus on developing proficiency in Spanish in all four skill areas: speaking, listening, reading and writing. Students will be expected to use Spanish for communication in real, meaningful situations, and websites and podcasts, movies and guest speakers will supplement the textbook and provide for even more exposure to authentic Spanish resources and culture. As Spanish 3 is somewhat more rigorous and the class is conducted in the target language, students should be prepared to work hard and be rewarded in the end with advanced knowledge of the Spanish language and culture. Students enrolled in Spanish 3 will have the option to take Dual Enrollment Spanish 201 through the University of Idaho. Two semesters of Spanish 3 equals one semester of UI credit for Spanish 201.

AP Spanish Language/Culture (11,12) 2 Semesters

Prerequisites: Spanish 1, 2 & 3 or teacher approval via placement exam

In this fourth year of Spanish study, students will concentrate on sharpening their language skills previously acquired in Spanish 1-3, while preparing students for the AP Spanish Language exam, (which will be optional for students, administered every year nation-wide in May). In-class activities will include reading and discussing short stories and poetry, viewing and discussing Spanish literature and films, and utilizing and developing new vocabulary to discuss history and current events and culture of Spanish-speaking countries. A Spanish grammar review will accompany each week's lesson, and students will be expected to utilize other resources from the internet to further develop their abilities in all components of the target language (reading, writing, speaking and culture). The class will be conducted entirely in Spanish. Students enrolled in AP Spanish will have the option to take Dual Enrollment Spanish 202 through the University of Idaho. Two semesters of AP Spanish equals one semester of UI credit for Spanish 202.

World Languages and Cultures (10,11,12) 1 Semester

Prerequisites: Recommended 1-2 years of French or Spanish prior to enrollment.

This one-semester class will introduce students to the study of Linguistics and to the basic structure, syntax and vocabulary of a variety of world languages, including German, Russian, Japanese, Chinese, and Arabic. Students will also be introduced to a variety of world languages and cultures. Each student will conduct an in-depth study of a language and culture of his/her choice. The first 6 week unit will cover an introduction to world languages, linguistics, and cultures. During the following 9 weeks, each student will conduct an independent study of his/her language and culture of choice, using classroom texts and on-line resources. During the final 3 weeks, students will present their language and culture to their classmates.

Special Services

Moscow High School provides a wide range of services for the exceptional student. State law describes exceptional students as "those whose handicaps or capabilities are as great or unusual as to require specially designed instruction or special services in order to meet their unique educational and related needs." Students meeting eligibility requirements for special education are provided full or partial assistance based on an assessment of needs by a team. The team includes teachers, specialists, administrators and parents. When deemed appropriate by the team, students take courses from the regular high school curriculum. Support assistance or modified course content is provided for graduation requirements for regularly enrolled students. Individual arrangements are made for students identified as gifted and talented.

Vocational Special Needs Courses

Careers (9,10,11,12) 1 Semester

Prerequisites: Based upon individual needs and concerns

Careers is for job awareness, applying for jobs, paid or volunteer work experience, human relations on the job. Students are provided with job coaching as needed and lasting until both school personnel and the employer are comfortable. Transportation access is provided by the school as needed. Work experience programs (non-paying) are usually set up at the school or at community agencies as volunteer placements.

Life Skills (9,10,11,12) 1 Semester

Life Skills is a look at interpersonal skills which help prepare students make informed decision, communicate effectively, and develop coping and self-management skills that may help them lead a healthy and productive life. Life skills can be directed toward personal actions and actions toward others.

Academic Strategies (9,10,11,12) 1 Semester

Prerequisites: Based on individual needs and concerns

This course is designed to help students who need individual instruction in basic skill areas. This class emphasizes the skills required for success in high school as well as for post high school goals. Lessons are designed to help students improve in their basic academic skills in addition to improving their study skills, employability skills and independent living skills needed for transition

Miscellaneous Courses

Extended Learning Internship (10,11,12) 1 Semester

Prerequisites: Teacher or Counselor recommendation

ELI is an honors-level directed study program designed to meet the needs of students who wish to pursue an area of interest not offered in the regular curriculum or which is beyond the scope of current curricular offerings. Students find and work with community mentors, and final products include a written portfolio documenting work completed over the course of the semester as well as a presentation to faculty and peers. Only those students who are ready and able to work independently should enroll in the program. Application forms are available in the counseling office. Note: This course can count for senior project credit if desired, and it can be repeated for additional credit(s) with instructor approval.

*This course can be repeated for additional credit with instructor approval.

Senior Project (11,12) 1 Semester

The Senior Project is a one-credit graduation requirement designed for students to learn about a topic of interest over the course of a semester. The class is designed to provide students with a variety of focused activities that will result in students writing a comprehensive paper that demonstrates the skills and knowledge acquired during their high school education. Students will give a formal presentation regarding their senior project at the end of the semester. Student collaboration with their teacher as well as other supporting individuals is essential to the successful completion of this project. Students can take this course during the spring semester of the junior year or during the fall semester of their senior year. The Senior Project Course is a mandatory component of the Moscow High School graduation requirements and aligns with the Idaho Department of Education Senior Project graduation standards (IDAPA 08.02.02:04).

Building Technology (10,11,12) 1 Semester

Prerequisites: Written permission of Assistant Principal

This is a structured course utilizing independent and group learning. Students in this course will gain a good foundation in all aspects of auditorium procedures (lights, sound, and interaction with the public) as well as skills in general computer maintenance and repair. Students will maintain auditorium equipment, run events for school groups and the public, troubleshoot building computer systems, update computers when necessary, and other duties as needed. Students enrolling in MHS Building Technology must have the ability to work in conjunction with others as well as independently. Students must show discretion and honesty and be willing and able to work some after school hours as well as some lunch periods. Work done outside of school hours is paid.

Office Aide (11,12) 1 Semester

Prerequisites: Permission of Principal & Counselors

Students assist the office and counseling staffs with the daily operation of the high school. This involves meeting the public, preparing teaching and office materials and acceptance of the responsibility commensurate with a position of trust. (The course is graded Pass/Fail.) This course can be repeated for additional credit with teacher approval.

Student Aide (11,12) 1 Semester

Prerequisites: Written Permission of Teacher Supervising Aide & or a Counselor

Students will assist the teacher in the classroom, laboratory, library, or shop. Students may be assigned to help other students, distribute materials, assist a teacher with the preparation of materials, etc. Application forms are available from a counselor. (The course is graded Pass/Fail.)

Peer Tutors (10,11,12) 1 Semester

Prerequisites: Written Permission of Teacher Supervising Aide & or a Counselor

Peer Tutors enable general education students to provide support to students with disabilities under the supervision of the special education teacher. Peer Tutors will spend at least one class period each day providing support. The type of support peers provide varies, depending on the needs of the students. Students will help their peers with classroom assignments, learn appropriate ways to interact in social groups, acquire job skills, or participate in elective class. The core of the program is an elective credit course in which general education students will learn about different types of disabilities, instructional and motivational techniques and gain ideas on how to help their peers with moderate or severe disabilities become active participants in daily school activities.

Teacher Trainee (10,11,12) 1 Semester

Prerequisites: Ability to Meet Entrance Criteria

This elective course is designed for students who wish to serve as teacher trainees in the district's elementary schools and it provides an excellent opportunity for students who are interested in a career in education. Enrollment is dependent on placement availability. Note: Students can only enroll in one teacher trainee course per semester and the course can be repeated for up to two additional credits with teacher approval.

Academic Strategies (9,10,11,12) 1 Semester

Prerequisites: None

This course is designed to help students who need individual instruction in basic skill areas. This class emphasizes the skills required for success in high school as well as for post high school goals. Lessons are designed to help students improve in their basic academic skills in addition to improving their study skills, employability skills and independent living skills needed for transition.

Leadership (9,10,11,12) 1 Semester

Prerequisites: None

To develop student awareness and leadership skills. Students will strengthen and develop their leadership, organization and managerial skills. This course will focus on team building and characteristics of leadership. In addition, students will gain experience in applying various competencies including prioritizing, delegating and goal setting along with implementation of goals and/or events. This course will be a one semester course offered in the fall. Upon teacher approval, students can repeat the course. ****Application is required for this course. Application and course approval will take place in the fall of each academic year.****



Dual Credit/Concurrent Enrollment Program

The University of Idaho and the Moscow School District are proud to offer the following dual credit/concurrent enrollment courses at the Moscow High School campus. Dual credit courses can be used for high school credit, university credit or both. Interested students should contact their high school counselor to make an appointment. The counselors can help students determine whether or not the dual credit option is a good choice. The counselors are also the administrators who will sign the form on behalf of the school district. On the first day of class, course instructors will have information on the course, course content and expectations and grading.

Due to this MHS Academic Guide release date being prior to the release of the U of I 2022-2023 Dual Credit Class Schedule, we have listed the courses below that were offered for the 2021-2022 school year. For up to date course listings, please visit: <https://dualcredit.uidaho.edu/courses-high-schools/>

Fall Courses 2021		
Moscow High School Course Name	University of Idaho Course Name	Cr Hrs
Literature of Western Civilization	Literature of Western Civilization	3
AP English 12	Literature and Ideas	3
Advanced Environmental Science	Introduction to Environmental Science	3
French 3	Intermediate French I	4
US History	United States History I	3
Career Pathways	Discover U	2
Pre-Calculus	College Algebra	3
AP Calculus	Calculus I	4
Government	American National Government	3
Psychology	Intro to Psychology	3
Spanish II	Elementary Spanish II	4
Spanish III	Intermediate Spanish I	4
AP Spanish	Intermediate Spanish II	4
Spring Courses 2022		
Moscow High School Course Name	University of Idaho Course Name	Cr Hrs
Art 111	Drawing I	3
Honors Chemistry	Introduction to Chemistry	3
Honors Chemistry	Introduction to Chemistry Lab	1
Literature of Western Civilization	Survey of Western World Literature II	3
Advanced Environmental Science	Introduction to Environmental Sciences	3
Advanced Environmental Science	Field Activities in Environmental Sciences	1
French 2	Elementary French II	4
US History	United States History II	3
Pre-Calculus	Analytic Trigonometry	1
Sociology/Psychology	Introduction to Psychology	3
Statistics	Statistical Methods	3

More information about the University of Idaho Dual Credit Program is available at www.dualcredit.uidaho.edu. Please refer any questions to Marlyne Perez at (208) 885-1168 or email dualcredit@uidaho.edu