

Course Description Handbook 2012-2013



**Centennial High School
12400 W. McMillan Rd.
Boise, ID 83713
855-4250**

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All courses are graded
courses unless
otherwise noted.

Course Fees:

Waivers or payment plans are available on
an as-needed basis. See your school's
administrator.

ISAT Graduation Requirements

(Subject to change by the Idaho State Board of Education.)

Class of 2012 and Beyond

●Math ISAT

***DISTRICT* Requirement:**

Intervention:

238 Scale Score or above on 10th grade Spring ISAT (or ISAT in grades 11 or 12)
Math Skills Lab II required for 9th grade students whose Scale Score is 224 or below on 8th grade Spring ISAT.

***STATE* Requirement:**

238 Scale Score or above on 10th grade Spring ISAT (or ISAT in grades 11 or 12)

●Reading ISAT

***DISTRICT* Requirement:**

Intervention I:

Intervention II:

220 Scale Score or above on 10th grade Spring ISAT
Reading required for 9th grade students whose scale score is 217 or below on 8th grade Spring ISAT.
Students who have not reached the 220 proficiency target after the fall administration of the 10th grade ISAT will continue to take Reading or will take Language Arts Lab in the spring of their sophomore year and/or either semester of their junior year.

***STATE* Requirement:**

220 Scale Score or above on 10th grade Spring ISAT (or ISAT in grades 11 or 12)

●Language ISAT

***DISTRICT* Requirement:**

Intervention:

226 Scale Score or above on 10th grade Spring ISAT (or ISAT in grades 11 or 12)
Language Arts Lab required for students who have not reached the 226 proficiency target after the Spring administration of the 10th grade ISAT.

***STATE* Requirement:**

226 Scale Score or above

Senior Performance Assessment

Students are required to demonstrate proficiency on the district's senior project that includes a technical paper and oral presentation.

On-line or Correspondence Courses – Important Information

Interested parents and students should contact the school counselor before signing up for on-line or correspondence courses to make sure the credit(s) will count toward graduation requirements.

Based on Board Policy, up to twelve correspondence and/or on-line credits from regionally accredited schools will be evaluated for acceptance upon receipt of an official transcript. The Director of Curriculum must approve petitions for acceptance of correspondence or on-line credit outside the scope of the accredited program. On-line class credits from Joint School District No. 2 Virtual School House or from the Idaho Digital Learning Academy (IDLA) have received prior approval so additional review is not required and no maximum credit limit will be imposed upon these courses. The final grade must be posted no later than graduation practice. Students exceeding the twelve credit maximum, and who have completed all other graduation requirements, will be eligible to receive a diploma from Joint School District No. 2, but will not be eligible to participate in building commencement ceremonies.

High School Definitions and Icons

General Information for Concurrent Credit, Honors and AP

Self-motivated and independent learners who are excited about challenging tasks and ideas in a subject area will succeed in these classes. Students should be prepared to spend five or more hours per week on outside-of-class assignments **per course**. Students may find earning an “A” to be more difficult than in other courses. No curriculum adjustments will be made to slow the instructional pace or limit the level of instruction of the course. If necessary, a student who is not successfully performing in a course will be moved to a regular course of similar subject matter.



Concurrent Credit (Dual Credit):

Students enrolled in a concurrent credit class are taught on a level comparable to a freshman college course. In this setting, students are academically challenged and expected to think analytically, speak, and write at a college level. Universities charge fees, including a one-time enrollment fee, when enrolling in a concurrent credit course. Students are required to complete college level assignments outside of class time. Concurrent credit differs from AP courses. Concurrent credit students earn the number of credits for which they enroll, and the grade earned in the course is the grade posted to their college transcript. Most credits transfer to colleges and universities; however, as a precaution before registering for concurrent credit students/parents should check with the colleges and universities they are considering attending to confirm their policies. These courses are graded on a four point grading scale unless it is a designated AP course in which a five point scale is used. **Please note: All concurrent credit courses are dependent upon instructor and course approvals by the local universities. A course may not be offered as listed based upon movement of staff.**

Honors: These courses follow the district curriculum but proceed at an accelerated instructional pace and include more instructional depth. Students who are successful in honors courses usually perform academically in the top 10% nationally in their chosen subject area. These courses are graded on a four point grading scale.

AP: All AP courses follow a nationally standardized rigorous curriculum developed by The College Board. Students who are usually successful in AP courses are those who perform academically in the top 2% nationally in their chosen subject area. To receive college level AP credit a student must take the AP exam and pass it. Credits are awarded by the various colleges and universities according to the score received on the AP exam. Students/parents should check with the specific college or university to see their AP acceptance policy. There is an additional fee to take the AP exam. These courses are graded on a five point grading scale.

IB: All International Baccalaureate (IB) courses follow the rigorous IB philosophy and implement instruction and assessment that support the IB Student Learning Profile. To earn an IB Diploma, students take exams in six subject areas earning a minimum of 24 out of 42 possible points. Each exam is evaluated on a 1-7 point scale. Other requirements for the IB Diploma include successful completion of CAS (Community, Action, Service), the Extended Essay, and Theory of Knowledge class. Students can earn IB Certificates by passing individual subject exams without seeking an IB Diploma. There is a fee to take IB exams and a general registration fee for the tests during the senior year. Students and parents should check with specific colleges and universities to see how they reward successful IB performance. In Joint School District No. 2 some IB courses are graded on a five-point scale.

High School Definitions and Icons



Enrollment Requires an Application and Space May Be Limited



Meets the Humanities Requirement



Tech Prep – Through articulation agreements, developed between high school teachers and community/technical college instructors, high school students can earn college credit if they earn a **“B” or better in select classes**. For further information, contact the Professional-Technical Department at 855-4500.



IB – Courses will be offered at Renaissance High School for Seniors and Juniors. See your counselor for more information.



Transportation – Students must provide their own transportation.

Frequently Asked Questions about AP, Honors, IB Courses, and Courses Offered for Concurrent Credit

1. What is the difference between an Advanced Placement course and an Honors course?

Check the sheet with the descriptions of Advanced Placement (AP) and Honors courses found in the Course Description Handbook from your school. This tells you what caliber of student will do well with the type of work expected in each of these.

2. What is an AP Exam and why would a student want to take one? Which AP courses offer the exam?

For each AP course, an AP exam is administered at participating schools worldwide. Except for AP Studio Art – which is a portfolio assessment – each AP Exam contains a free-response section (either essay or problem-solving) and a section of multiple-choice questions. The modern language exams also have a speaking component, and the AP Music Theory Exam includes a sight-singing task. Each AP Exam is given an overall grade of 1, 2, 3, 4, or 5, with 5 indicating a student who is extremely well qualified to receive college credit and/or advanced placement based on an AP Exam grade.

Instructors of these courses will provide additional information about the cost, date and time the exam will be given for that particular course at the beginning of the course.

3. What is the grading scale on the AP exams and what significance does the score hold? Is there a minimum a student must get?

The end product of the AP Exam is the AP grade that is reported to students, their schools, and their designated colleges in July. The colleges use these **grades as evidence of the students' abilities and achievement when they make their decisions regarding whether or not to grant credit and/or advanced placement.**

The AP grade scale ranges from 5 to 1:

5	Extremely well qualified	4	Well qualified
3	Qualified	2	Possibly qualified
1	No recommendation		

Each college or university must decide what evidence is sufficient to demonstrate that the student has satisfied one or more of its course requirements. You can find this out by contacting the schools your student is interested in attending.

4. How many colleges accept the AP grades?

The best source of specific and up-to-date information about an individual institution's policy is its catalog or Web site.

5. What does concurrent credit mean and how does a class qualify for it? What expenses are related to taking a course for concurrent credit?

Concurrent credit is defined on the sheet provided in the Course Description Handbook for your school. In order to qualify for concurrent credit a teacher must submit their class syllabus, student assignments and testing expectations. Once these have been reviewed by a university, they determine whether the class is comparable to what the institution offers. Some universities will approve concurrent credits in one content area and not another. Any course that has been approved for a concurrent credit will have a symbol next to them in the Course Description Handbook. Current cost of credits is \$65 for each credit. Most courses are offered for 3 to 5 credits.

6. How does concurrent credit differ from AP Exams?

Students enrolled in high school AP courses have the option of taking an AP exam. Credits are awarded by the university they attend, based upon their test score. Concurrent credit students earn the number of credits for which they enrolled, and the grade earned is the grade for the course, not the grade for one particular test.

7. Where is the IB Program offered?

IB courses are offered at Renaissance High School.

8. What is IB and how is it different from AP and Concurrent Credit courses?

IB and AP courses are considered by most colleges and university as most demanding. Students may take an individual IB course as you would any AP class or a student may take the entire IB diploma. (See the IB definition found in the Course Description handbook.) IB courses require both internal and external assessments which determine the final score in the class. IB scores on a 7-point scale. Each college or university establishes their own policy on acceptance of IB classes for college credit. It is best to check the individual institution's IB policy.

COURSES THAT CURRENTLY MEET THE HUMANITIES REQUIREMENT



(Courses listed meet State Humanities Standards. State Standards include History and Culture, Critical Thinking and Performance or Language Acquisition.)

Communication

- Introduction to Mass Media

Music

- A Cappella Choir A & B
- Advanced Guitar
- Chamber Orchestra A & B
- Concert Choir A & B
- Symphonic Band/Marching Band A & B
- Music Awareness
- Treble Choir A & B
- Varsity Jazz Ensemble A & B

Performing Arts

- Acting I A & B
- Advanced Acting A & B

Social Studies

- Western Civilization A & B
- Introduction to Interdisciplinary Humanities A & B

Visual Arts

- Design
- Drawing/Painting A & B
- Advanced Drawing
- Pottery I
- Teaching Art in Elementary School

Language Arts

- The Literature of Film

- Beginning Guitar
- Chamber Choir A & B
- Concert Band A & B
- Jazz Choir A & B
- Men's Concert Choir A & B
- Orchestra I A & B
- Orchestra II A & B
- Wind Ensemble A & B

- Acting II A & B

- Drawing
- Advanced Art A & B
- Pottery I
- Printmaking

World Languages

- American Sign Language I A & B
- American Sign Language II A & B
- American Sign Language III A & B
- Japanese I A & B
- Japanese II A & B
- Japanese III A & B
- Japanese IV A & B
- Spanish I A & B
- Spanish II A & B
- Spanish III A & B
- Spanish IV A & B

- Chinese I A & B
- Chinese II A & B
- Chinese III A & B
- German I A & B
- German II A & B
- German III A & B
- German IV A & B
- German V A & B
- Honors Spanish II A & B
- Spanish V A & B

- French I A & B
- French II A & B
- French III A & B
- French IV A & B
- French V A & B
- Latin I A & B
- Latin II A & B
- Latin III A & B
- Latin IV A & B

STUDENT SELF-ASSESSMENT

If your student has high test scores and high grades, he/she may benefit from taking a high school honors, Advanced Placement (AP), or concurrent credit course. Accelerated courses may be more interesting and challenging for your student. Students interested in taking advantage of this opportunity should make the most of their educational experience by attending school regularly, participating in class, and following through on homework assignments. A short student self-assessment survey is provided below to help your student assess his/her readiness for an accelerated course.

To evaluate your readiness for an accelerated course, circle where you feel you are on a scale of 1 – 5.

No	Sometimes	Yes	
1	2	3	4 5 I am intellectually curious.
1	2	3	4 5 I enjoy reading.
1	2	3	4 5 I enjoy writing various types of papers.
1	2	3	4 5 I am willing to do an average of 1 ½ to 2 hours of homework each night per AP/Honors course.
1	2	3	4 5 I am willing to complete assigned reading over the summer.
1	2	3	4 5 If I feel that I am learning, a grade lower than an “A” is acceptable.
1	2	3	4 5 I find many classes move too slowly for me.
1	2	3	4 5 I like to be challenged.
1	2	3	4 5 I do my work on time.
1	2	3	4 5 I have the maturity to be responsible for my learning.
1	2	3	4 5 I have the ability to manage my time well.
1	2	3	4 5 I am punctual and rarely miss class.

Scoring: If you have rated two or more questions less than four, you may want to reconsider registering for an accelerated course.

TIME COMMITMENT WORKSHEET FOR AP/HONORS COURSES

Using the time allocation and commitment charts below, please evaluate your time schedule to better understand your ability to succeed in your selected AP/Honors courses. **Remember to allocate an average of 1-1/2 to 2 hours study time (excluding class time) per day for each AP/Honors course.**

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
6:00AM						
7:00AM						
8:00AM						
9:00AM						
10:00AM						
11:00AM						
NOON						
1:00PM						
2:00PM						
3:00PM						
4:00PM						
5:00PM						
6:00PM						
7:00PM						
8:00PM						
9:00PM						
10:00PM						

Total available: 17 hours/day; 102 hours/week

ACTIVITY	TIME COMMITMENT	
	<i>Per Day</i>	<i>Per Week</i>
School		
Work		
Sports		
Youth Group		
Homework		
Other		
Total		



JOINT SCHOOL DISTRICT NO. 2

1303 E. CENTRAL DRIVE
MERIDIAN, IDAHO 83642

DR. LINDA CLARK
SUPERINTENDENT

AP/HONORS RIGOR COMMITMENT FORM

For: _____
Print Student Name

Dear Parent of High School AP/Honors Student:

Advanced Placement and Honors courses are taught at accelerated paces and at advanced levels of instruction. The text, writing, and format of the courses are all at a higher level and require an increased time commitment to homework and study. Exemplary attendance is critical in these courses because class work cannot be duplicated outside of the classroom. No curriculum modifications will be made to slow the pace or limit the level of instruction in any AP/Honors course*. Students electing to enroll in such courses will be expected to remain in them for the entire year. **Please note that the decision to opt out of an AP/Honors course is highly recommended by May 9, 2012 due to the impact on class loads for the upcoming school year.** At the start of school in August, students and/or teachers who believe the student is academically misplaced shall meet with the counselor and/or administrator to determine the best placement for the student.

Success in an AP course is determined by scoring three or higher on a scale of five on an Advanced Placement exam. The College Board and most universities will not accept scores for credit purposes below a three. All students enrolled in an AP course are encouraged to take the appropriate AP exam in the spring. Scholarships are available on an as-needed basis to pay for the cost of the AP exam.

Having read the above requirements and expectations, I agree to the accelerated pace and rigorous curriculum of the AP/Honors course. I agree to do the extra outside class work and/or extra projects as assigned. I have passed the prerequisite course requirements, and I will not ask for curriculum modifications.

*Note: In the case of students with disabilities, the instructor must adhere to the IEP accommodations set forth in the IEP or 504.

AP/Honors Courses: _____ _____ _____
--

I have reviewed the Time Commitment Worksheet.

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Please return this letter to the high school counselor with registration materials.

Business, Marketing and Office Technology

Accounting I A & B

Course Number(s): 12104T1011, 12104T1012
Open to: 10, 11, 12
Credit: 2
Fees: None
Prerequisite: None
Content: This course covers the entire accounting cycle for both a service business and a merchandising business. Topics included are accounts payable, accounts receivable, taxes and payroll. Both manual and computerized simulations are used to give students a grasp of the entire process of keeping books for a business. This class is valuable for students who plan a business major in college or who plan to own their own business.

Accounting II A & B

Course Number(s): 12104T1031, 12104T1032
Open to: 11, 12
Credit: 2
Fees: None
Prerequisite: Successful Completion of Accounting I A & B
Content: Expands on topics introduced in Accounting I while adding new topics about management accounting, cost accounting, not-for-profit accounting, and financial analysis. Technology is also integrated throughout this course.

Computerized Accounting

Course Number(s): 12104T1021
Open to: 11, 12
Credit: 1
Fees: None
Prerequisite: Successful completion of Accounting I A & B
Content: This course will provide students with knowledge in computerized accounting applications and exposure to software used in the marketplace.

Computer Applications I

Course Number(s): 10005T1011
Open to: 9, 10, 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: This fun course is suggested for all students. Variety is offered through the use of Microsoft Word, Excel, PowerPoint and Publisher software, as well as scanners and digital cameras. This is a great class for students who will be completing electronic projects and portfolios for academic classes.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep




Students provide their own transportation




Travel

Computer Applications II

Course Number(s): 10005T1021
Open to: 9, 10, 11, 12
Credit:  1
Fees: None
Prerequisite: Successful completion of Business Computer Applications I at the high school level
Content: This is an advanced computer applications class, which allows a student to take their computer software skills to a higher level. Advanced skills are taught in Microsoft Word, Excel, and Access. Students who complete this course will have the opportunity to study and advance to Computer Applications III where they can obtain a certified Microsoft Certified Application Specialist (MCAS).

Computer Applications III








Course Number(s): 10005T1031
Open to: 10, 11, 12
Credit:  1
Fees: None
Prerequisite: Successful completion of Business Computer Applications II
Content: This is a post-advanced computer applications class which focuses entirely on Microsoft Office Specialist certification (MOS) on Word, Excel, and Access. Power Point certification is optional.

Desktop Publishing

Course Number(s): 11152T1011
Open to: 9, 10, 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: A course designed to develop proficiencies in the planning, designing, and development of business and promotional documents (newsletters, magazines, advertisements, etc.) using industry standard pagination and graphic design software. Identification of client needs and consideration of the intended audience direct the work students engage in as they combine appropriate text, graphics and design concepts to communicate the desired message effectively. Publishing careers will be examined.

Personal Finance


Course Number(s): 12107T1011
Open to: 10, 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: This class addresses individual, everyday financial decisions. Simulations provide students with practice completing routine personal financial records including budgeting, saving and investing strategies, income tax e-filing, credit and consumer rights, and banking services.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Business Technology

Course Number(s): 12052T1011
Open to: 9, 10, 11, 12
Credit: 1
Fees: None
Prerequisite: Keyboarding skills
Content: This course serves as an introduction to a variety of business concepts including, but not limited to, accounting, marketing/entrepreneurship, personal finance, business communication, computer applications, and desktop publishing. Computerized simulations provide students with real life business practices.


Web Design I








Course Number(s): 12003T1021
Open to: 10, 11, 12 or by Instructor Approval
Credit: 1
Fees: None
Prerequisite:  Keyboarding skills and successful completion of, or concurrent enrollment in Geometry
Content: This course covers the language of the World Wide Web. Students will learn to create and publish web pages, using web graphics and languages such as XHTML, CSS, and Java script. The final project will be the creation of an entire original website which could be published on the Internet.

Web Design II

Course Number(s): 12003T1022
Open to:  10, 11, 12 or by Instructor Approval
Credit: 1
Fees: None
Prerequisite: Successful completion of Web Design I or by teacher approval
Content:  This course goes into greater depth in web site design and advanced web graphics. Students will study concepts covered in **CIW's Webmaster** certification and explore various professional web development software such as Adobe Fireworks, Photoshop, Flash, and Dreamweaver.

Oracle Academy I A & B – Database Design & Programming

Course Number(s): 10156T1031, 10156T1032
Open to: 10, 11, 12
Credit: 2
Fees: None
Prerequisite:  Algebra I, Keyboarding Skills @ 30+ wpm, Internet Applications or Instructor Approval
Content: The program teaches inductive reasoning to solve problems and think conceptually, systematically, and critically. Students become proficient business analysts, technical **experts in structured query language (SQL), and develop essential "professional skills."** This course prepares students for the Introduction to Oracle 10g-SQL Certification exam.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Oracle Academy II A & B – Database Application Development








Course Number(s): 10156T1041, 10156T1042
Open to: 11, 12
Credit: 2
Fees: None
Prerequisite: Successful completion of Oracle Academy I
Content: This course introduces students to PL/SQL and database application development. Students examine business case studies and apply their technical knowledge and professional skills to develop database applications using an online development environment (HTML DB). This course prepares students for the Oracle Certified Associate (OCA) exam.

Economics for Marketing (Formerly Marketing Economics)

Course Number(s): 12105T1011
Open to: 10, 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: Students will receive an overview of marketing, its scope, significance, and social responsibilities in the U.S. free enterprise system. Theories and principles of the economic free enterprise system will be related to the study of marketing principles in **today's society.**

Business Essentials

Course Number(s): 12001T1011
Open to: 9, 10, 11, 12
Credit: 1
Fees: Lab fees (\$25) for PTSO membership may be required for project participation
Prerequisite: None
Content: A course designed to introduce students to integrated life strategies which expose career-sustaining life skills for a wide range of occupations in business. This course introduces students to individual strengths and career exploration opportunities including skills such as interpersonal, employability, presentation, leadership, study, and communication skills. Emphasis may include building self-esteem, professionalism, parliamentary procedures, and educational resources. Students may participate in a Professional-Technical Student Organization (PTSO).

 Concurrent Credit (Dual Credit)  IB - Renaissance  Meets Humanities Requirements
 Requires Application  Tech Prep  Students provide their own transportation  Travel

Communication

Speech

Course Number(s): 01151G1011
Open to: 9, 10, 11, 12
Credit: 1 (Speech Requirement)
Fees: None
Prerequisite: None
Content: This class introduces the student to the communication process, listening skills, viewing skills, and public speaking. Emphasis is placed on student performance activities.

AG 410 – Personal Skills Development (Taught at Centennial)

Course Number(s): 18203T1011
Open to: 9, 10, 11, 12
Credit: 1 (Speech Credit)
Fees: None
Prerequisite: None
Content: This course focuses on developing agricultural leadership, citizenship, and cooperation and fulfills the speech graduation requirement. This course includes topics in personal growth, parliamentary procedure, public speaking, interpersonal communication, job skills, and career exploration. The FFA organization is used as a model for instruction. Students interested in participating in the FFA are strongly encouraged to take this course. College credit is available for 11th and 12th grade students only.

HS Speech Credit

Debate A & B

Course Number(s): 01153G1011, 01153G1012
Open to: 9, 10, 11, 12
Credit: 2 (Speech Requirement)
Fees: None
Prerequisite: 3.0 GPA, Letter of recommendation, and/or Instructor Approval
Content: This course is for beginning debaters only. The course includes extensive library research, logic and reasoning, organization techniques, public speaking experience, and fundamentals of argumentation and debate. **Students will be expected to compete in interscholastic debate contests which may involve traveling. Travel and entry fees will be paid by the student.**

Advanced Debate A & B

Course Number(s): 01153G1021, 01153G1022
Open to: 10, 11, 12
Credit: 2
Fees: None
Prerequisite: Successful completion of Debate A & B or equivalent course, 3.0 GPA, or Instructor Approval.
Content: This course is for varsity level debaters and emphasizes individual research; affirmative and negative case strategies, and analysis of theory and argumentation. The course involves extensive outside of class research and preparation time. **Students will be expected to compete in interscholastic debate contests which may involve traveling. Travel and entry fees will be paid by the student.**



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

Introduction to Newspaper

Course Number(s): 11101G1011
Open to: 9, 10, 11, 12
Credit: 1
Fees: None
Prerequisite: 2.5 GPA
Content: This class introduces students to journalistic practices and techniques, concentrating on news writing. History and techniques of journalistic writing are covered to include news and sports stories, editorials, features, headlines and captions. Newspaper layout also is covered. This course is a prerequisite to working on the high school newspaper. However, students who completed the Publications/Newspaper course in middle school have fulfilled the prerequisite.

Introduction to Mass Media

Course Number(s): 11151T1011
Open to: 9, 10, 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: This one-semester course is designed to prepare students to enter a media technology production class, such as newspaper, yearbook, and video technology and photography. Students discuss the impact of the mass media, understand newsworthiness, explore media history and understand media law, including libel, the Hazelwood decision and other student press rights. Students learn AP Style, practice journalistic writing techniques, write news and feature stories and learn basic editing techniques. Students will be introduced to various media software. Students will create a media oriented final project.










Newspaper A & B

Course Number(s): 11104G1011, 11104G1012
Open to: 10, 11, 12
Credit: 2
Fees: None
Prerequisite: Successful completion of Introduction to Newspaper or newspaper experience and/or teacher recommendation – 2.5 GPA
Content: This class teaches students newspaper practices through the regular production and distribution of the school newspaper. Students are responsible for all facets of production including report, writing, layout, photography, and advertising. Credit is granted for each successive year the student successfully completes.

Yearbook A & B

Course Number(s): 11104G1031, 11104G1032
Open to: 10, 11, 12
Credit: 2
Fees: None
Prerequisite: 2.5 GPA and Instructor Approval
Content: Yearbook teaches students how to prepare a yearbook for publication, including page layout, copy and headline writing, and production coordination. Students are responsible for taking, developing, and printing photographs for the publication. Course requires extra time at lunch, after school, and occasionally on weekends. Credit is granted for each successive year the student successfully completes.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

Introduction to Digital Photography

Course Number(s): 05167G1031
Open to: 9, 10, 11, 12
Credit: 1
Fees: \$30 for photo supplies
Prerequisite: Students will need to supply their own digital camera.
Content: This course is an introduction to photography emphasizing the creation and manipulation of original images using digital cameras. The course includes basic techniques of digital camera operation, use of editing software to retouch, enhance, and manipulate photographic images, and the development of an understanding of composition and design principles as related to the field of photography.

Video Computer Technology I

Course Number(s): 11103T1011
Open to: 9, 10, 11, 12
Credit: 1
Credit: 1
Fees: \$30 for photo supplies
Prerequisite: Students will need to supply their own digital camera.
Content: This course is an introduction to photography emphasizing the creation and manipulation of original images using digital cameras. The course includes basic techniques of digital camera operation, use of editing software to retouch, enhance, and manipulate photographic images, and the development of an understanding of composition and design principles as related to the field of photography.

Video Computer Technology II A & B

Course Number(s): 11103T1012, 11103T1013
Open to: 10, 11, 12
Credit: 2
Fees: \$20
Prerequisite: Successful completion of Video Computer Technology I
Content: Video Computer Technology II builds on the knowledge and experience acquired through Video Computer Technology I. The student will be given an opportunity to participate in all facets of the video production process with an emphasis on professional quality videography and production techniques. The student will be exposed to video technology that includes the use of a computer for video editing. Students will have an opportunity to interact with faculty, staff, and businesses within the community.

Broadcast Technology A & B

Course Number(s): 11103T2031, 11103T2032
Open to: 11, 12
Credit: 4 (2 hour block, 2 semesters)
Fees: \$20
Prerequisite: Video Computer Technology II
Content: This course is designed to provide students with opportunities to produce, direct, host, and write programs to be aired on commercial and public media.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



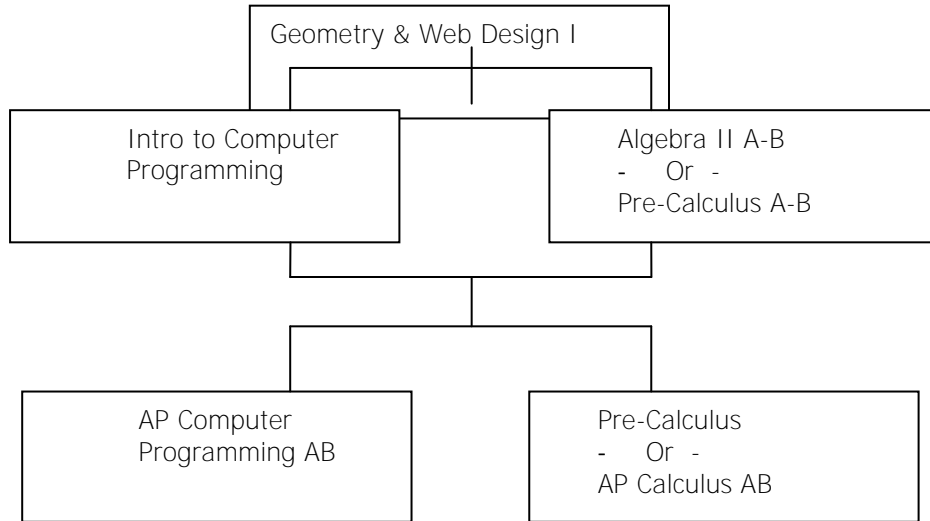
Students provide their own transportation



Travel

COMPUTER PROGRAMMING

Suggested Sequence for Computer Programming



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep




Students provide their own transportation





Travel

Computer Programming


Computer Programming I

Course Number(s): 10156T1011
 Open to: 9, 10, 11, 12
 Credit:  1
 Fees: None
 Prerequisite: Successful completion of Geometry
 Content: This object-oriented programming is taught using the Java language. Classes, objects and constructs are introduced through Jkarel, the Java version of Karel the Robot and **continued using Sun's Java**. Topics covered: History of programming, ethics, program design and documentation, objects and classes, data types, simple I/O, math functions and constants, methods, structured programming, and control structures.

AP Computer Programming A & B – Advanced Placement








Course Number(s): 10156T1021, 10156T1022
 Open to: 10, 11, 12
 Credit:  1 to 2
 Fees: None
 Prerequisite:  Successful completion of Computer Programming I
 Content: This object-oriented programming is taught through Java. Topics covered: program design and documentation, problem solving techniques, polymorphism, derived classes, AP Case Study, strings, recursion, arrays, 2D arrays, sorting, inheritance, Boolean algebra, object reference variables, file IO and Big O. Second semester topics include: AP Case Study, linked lists, stacks, queues, trees, and common algorithms (recursion, searching and sorting). Students who complete A & B will be eligible to take the AP Computer programming test in May.

Web Design I


Course Number(s): 12003T1021
 Open to: 10, 11, 12 or by Instructor Approval
 Credit:  1
 Fees: None
 Prerequisite: Keyboarding skills and successful completion of, or concurrent enrollment in Geometry
 Content: This course covers the language of the World Wide Web. Students will learn to create and publish web pages, using web graphics and languages such as XHTML, CSS, and Java script. The final project will be the creation of an entire original website which could be published on the Internet.

Web Design II

Course Number(s): 12003T1022
 Open to: 10, 11, 12 or by Instructor Approval
 Credit:  1
 Fees: None
 Prerequisite: Successful completion of Web Design I or by teacher approval
 Content:  This course goes into greater depth in web site design and advanced web graphics. **Students will study concepts covered in CIW's Webmaster certification and explore various professional web development software such as Adobe Fireworks, Photoshop, Flash, and Dreamweaver.**








	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel

Oracle Academy I A & B – Database Design & Programming

Course Number(s): 10156T1031, 10156T1032
Open to: 10, 11, 12
Credit: 2
Fees:  None
Prerequisite: Algebra I, Keyboarding Skills @ 30+wpm, Internet Applications or Instructor Approval
Content: The program teaches inductive reasoning to solve problems and think conceptually, systematically, and critically. Students become proficient business analysts, technical **experts in structured query language (SQL), and develop essential “professional skills.”** This course prepares students for the Introduction to Oracle 10g-SQL Certification exam.

Oracle Academy II A & B – Database Application Development

Course Number(s): 10156T1041, 10156T1042
Open to: 11, 12
Credit: 2
Fees: None
Prerequisite: Successful completion of Oracle Academy I
Content: This course introduces students to PL/SQL and database application development. Students examine business case studies and apply their technical knowledge and professional skills to develop database applications using an online development environment (HTML DB). This course prepares students for the Oracle Certified Associate (OCA) exam.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Family and Consumer Science

Adult Living

Course Number(s): 22207T1011
Open to: 11, 12
Credit: 1
Fees: \$5
Prerequisite: None
Content: This course is designed to help juniors and seniors explore the many issues of adult life – moving out, establishing homes, careers, and families of their own. Some of the learning includes activities and resource people from the community.

Interior Design

Course Number(s): 19205T1021
Open to: 10, 11, 12
Credit: 1
Fees: \$25
Prerequisite: None
Content: This course emphasizes consumer skills in personalizing living space and career opportunities in the housing and design fields. Students complete several hands-on projects. FCCLA (Family, Career and Community Leaders of America) activities are an integral part of this course.

Parenting and Child Development

Course Number(s): 22204T1011
Open to: 10, 11, 12
Credit: 1
Fees: \$5
Prerequisite: None
Content: This class promotes positive family relationships and stability and strengthens parenting and guidance skills. This course actively emphasizes self-esteem, parenting choices and decisions, and stages of prenatal, and physical, intellectual, social, and emotional development. Safety and health practices, evaluation of child-care services, and careers in child development are included. Students participate in a “playschool” involving preschool-age children.

Foods and Nutrition

Course Number(s): 22202T1011
Open to: 10, 11, 12
Credit: 1
Fees: \$25
Prerequisite: None
Content: This course addresses nutrition, wellness and personal lifestyle. Course content includes: food safety and sanitation, food preparation techniques, meal management skills, nutrition, and career option in nutrition and related fields. This course provides students the opportunity to earn their Ready Set Food Safe Certification. FCCLA (Family, Career and Community Leaders of America) activities are an integral part of this course.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation




Travel

Introduction to Culinary Arts A & B

Course Number(s): 16055T1011, 16055T1012
Open to: 11, 12
Credit: 2
Fees: \$40
Prerequisite: Successful completion of Foods and Nutrition, Ready Set Food Safe Certification and/or Instructor Approval
Content: This course is a foundation in professional food preparation with practical application in career opportunities, reinforced basic skills, food safety and sanitation, use of commercial equipment, industrial food preparation, business management, service techniques and employability skills. FCCLA (Family, Career and Community Leaders of America) activities are an integral part of this course.

Advanced Culinary Arts A & B – ADA Professional-Technical Center

Course Number(s): 19998T2011, 19998T2012
Open to: 12
Credit: 4
Fees: \$40
Prerequisite: Introduction to Culinary Arts and Ready Set Food Safe certification. To be considered for this class, each student must receive a positive recommendation from his/her Introduction to Culinary Arts teacher. A minimum final grade of 75% must be achieved in the Introduction to Culinary Arts Class.
Transportation:  Students **must** provide their own transportation for this course.
Content: This course is a guided, practical, in-house experience working in the district's student-run restaurant operations. Students will have the opportunity to develop skills and perform the duties required of personnel in food and beverage operations found within the restaurant industry. FCCLA (Family, Career and Community Leaders of America) activities are an integral part of this course.

Teen Living I – II








Course Number(s): 22206T1011, 22206T1012
Open to: 9, 10
Credit: 1 to 2
Fees: \$15
Prerequisite: None
Content: Students may select Teen Living 1 or 2 or both. It is recommended students take only one course per semester. Classes can be taken in any order. Teen Living helps teens develop life skills needed to be competent, confident and caring in managing their personal, family and career lives.

Teen Living I

This class involves a variety of learning experiences in choosing and preparing nutritious foods, career exploration, developing self-confidence and respect through leadership opportunities, personal goal setting, consumer choices and selecting room décor for your personal environment. The FCCLA (Family, Career and Community Leaders of America) organization is used as a model for instruction. Emphasis is given to future high school and career planning.

Teen Living II

Units of study include management of time and money, developing effective interpersonal skills at home, school and the workplace; child care now and in the future; and employability through the development of interview skills. The FCCLA (Family, Career and Community Leaders of America) organization is used as a model for instruction and includes a variety of practical learning activities.

 Concurrent Credit (Dual Credit)  IB - Renaissance  Meets Humanities Requirements
 Requires Application  Tech Prep  Students provide their own transportation  Travel

Fashion Design and Merchandising (Fashion II) A & B

Course Number(s): 19205T1011, 19205T1012








Open to: 11, 12

Credit: 2

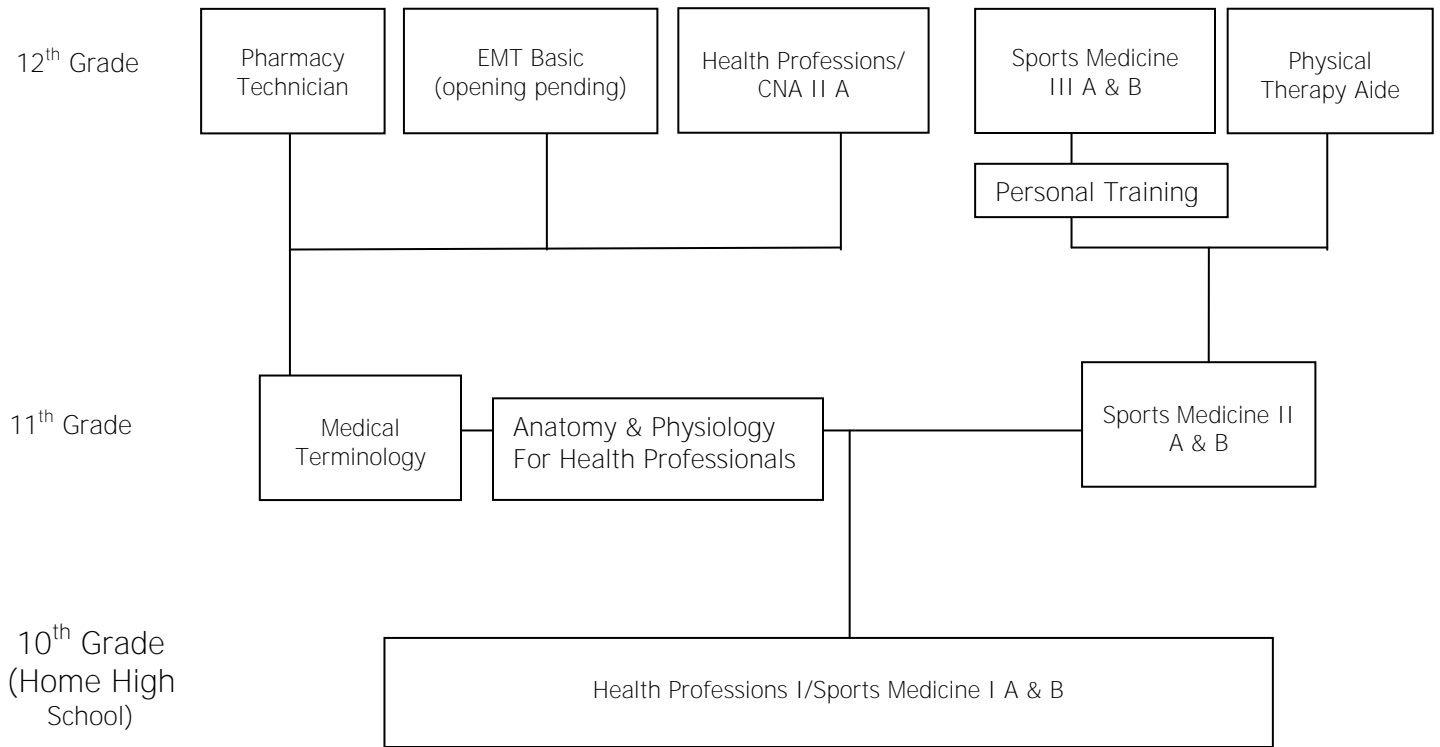
Fees: None

Prerequisite: Fashion and Textiles (Fashion I)

Content: This course follows the scope and sequence of the prerequisite Fashion and Textiles class, however, study will be more in-depth and focus on careers and workplace skills. Students will explore a multitude of skill areas and have opportunities to discover and develop their area of expertise and passion. Course work and assessment will be project-based with portfolio development strongly recommended. An internship component will provide students opportunity to further investigate careers, and learn and practice workplace skills while gaining real-world job experience.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Professional-Technical Education Pathway Options and Suggested Course Sequence of High School Health Science Courses



Health

Health








Course Number(s):	Health P-1: 08051G1011	Health P-2: 08051G1021
Open to:	11, 12	
Credit:	1	
Fees:	None	
Prerequisite:	None	
Content:	This course identifies and examines major health issues providing accurate information to make decisions affecting personal, social and environmental health. This course also contains units on human sexuality, STDs/STIs, and HIV/AIDS. Students, with parental approval, will choose one of the two course philosophies. Note: only P1 students will have the option to opt-out of the following portions of the health curriculum: human sexuality, STDs/STIs, and HIV/AIDS. The primary difference between P1 and P2 is the level of questioning that will take place in the classroom. This course meets district graduation requirements for health.	

Health Professions I/Sports Medicine I A & B



Course Number(s):	14001T1011, 14001T1012
Open to:	10, 11
Credit:	2
Fees:	None
Prerequisite:	None
Content:	This course is for students who are interested in the Health Professions pathway or the medical field (sports medicine, certified nursing assistant, pharmacy technician, physical therapy aide, or emergency medical technician). Students will receive basic sports medicine instruction as well as knowledge of the health care industry. Students will receive the required health education credit for graduation by completing year one of health professions. This course is taught at the Health P-2 level. Students will receive the required health education credit for graduation by successfully completing year one of health professions and by passing the Health EOC.

Anatomy and Physiology for Health Professionals A & B




Course Number(s):	14063T1011, 14063T1012
Open to:	11, 12
Credit:	2
Fees:	None
Prerequisite:	Successful completion of Health Professions I/Sports Medicine I A & B and/or teacher recommendation.
Content:	This course will aid students in the mastery of the structural and functional elements of the human body as they pertain to health and medical based professions. Students will investigate the interrelationship of anatomy and physiology as they pertain to medicine. Students will make connections between body systems, diseases and disorders and their relative treatment. This course will have a strong focus on dissection and real world application of the human body and its systems, and complement the Sports Medicine and the Nursing Assistant (CNA) courses.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel



Sports Medicine II A & B








Course Number(s): 14062T1011, 14062T1012
Open to: 11, 12
Credit: 2
Fees:  \$15 for supplies
Prerequisite: Successful completion of Health Professions I/Sports Medicine I A & B (12th Grader must have Sports Med teacher signature/approval on registration form)
Content:  This course includes training and education as a student athletic trainer. Students will develop skills and pass competencies used in most athletic training settings. The content includes effective communication, practical experience with CPR, first aid, taping, wrapping, stretching and rehabilitation of injuries. Students will be expected to complete a minimum of 30 hours per semester of lab experience in addition to class time. **This course does not meet district graduation requirements for health.**

Sports Medicine III A & B

Course Number(s): 14998T1011, 14998T1012
Open to: 12
Credit:  2
Fees: \$15 for supplies and BSU taping and wrapping credit
Prerequisite: Successful completion of Sports Medicine II A & B and Sports Med teacher signature/approval on registration form.
Transportation:  Students **MUST** provide transportation to athletic events.
Content:  Students will be instructed in daily training room management involving modalities (electrical, hot, and cold application), inventory, games/practice preparation and documentation. Students will demonstrate competencies in taping, wrapping, modality application, proper use of rehabilitation equipment and high school sports medicine facility management. Students will be expected to complete hours of lab experience in addition to class time. Students will receive a student athletic trainer certificate at the conclusion of the class.

Physical Therapy Aide

Course Number(s): 14998T1021
Open to: 12
Credit: 1
Fees:  None
Prerequisite: Successful completion of Sports Medicine II A & B and Instructor Approval.
Transportation:  Students **MUST** provide transportation.
Content: This course is a community-based clinical experience under the supervision of a Physical Therapist where students apply previously learned information from Sports Medicine I and II. Written training agreements and training plans are required. Students must provide their own transportation and dress appropriately. **This course does not meet district graduation requirements for health.**

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Personal Training

Course Number(s): 14062T1021

Open to: 11, 12

Credit: 1

Prerequisite:  Health Occupations Year One: Health Professions I/Sports Medicine I A & B and concurrent enrollment in Sports Medicine II A & B

Content: This course will cover the following content areas: structure and function of muscular systems, biomechanics, aerobic training, plyometrics training, considerations for special/gifted populations, facility and equipment maintenance, legal issues as they pertain to personal training, and basic business management practices. The course will have strong lab, internship and clinical component. Students will be actively involved in the assessment designing, supervising and evaluation process that influence exercise prescription and personal training.

Medical Terminology for Health Professions –ADA Professional-Technical Center


Course Number(s): 14154T1042

Open to: 11, 12

Credit: 1

Fees: None

Prerequisite: Health Professions I/Sports Medicine A & B

Content:  This course presents a study of medical terminology. Prefixes, suffixes, word roots, combining forms, special endings, plural forms, abbreviations, and symbols are included in the content. All body systems, anatomical reference, pharmacology, and medical specialties will be considered. Emphasis is placed on spelling, definition, usage, and pronunciation. This course is highly recommended, but not required prior to enrolling in Certified Nursing Assistant or Pharmacy Technician.


Pharmacy Technician A & B – ADA Professional-Technical Center

Course Number(s): 14197T2011, 14197T2012

Open to: 12








Credit: 4 (Full year – 2 hour block)

Fees: \$40 Supply Fee for Labs

Prerequisite:  Successful completion of Health Professions I/Sports Medicine I A & B. Medical Terminology is highly recommended, but not required.


Transportation:  Students **MUST** provide reliable transportation for externship at a local pharmacy.

Content: A course designed to prepare students for beginning employment as a Pharmacy Technician under the supervision of pharmacists in pharmacies, hospitals and other settings. Successful completion of the course prepares the student to take the Pharmacy Technician Certifying Board certification exam once they graduate from high school. **(Students are responsible for the cost of this exam.)** Content includes pharmaceutical terminology, drug identification, measurement techniques, record keeping, business operations, prescription preparation, logistics and dispensing operations and applicable standards and regulations. In order for students to participate in second semester externship, they must complete first semester with a grade of "B" or higher. **Students will be responsible for the costs of fingerprinting, background check, and Idaho State Board of Pharmacy application fees.**

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel


Health Professions CNA II - Ada Professional-Technical Center








Course Number(s): 14051T2011
Open to: 12
Credit: 2 (one semester-2 hour block)
Fees: \$35
Prerequisite: Successful completion of Health Professions I/Sports Medicine I A & B. Medical Terminology is highly recommended, but not required.

Transportation:  Students **MUST** provide reliable transportation for the clinical component of this course.
Content: This course is designed to prepare students for beginning employment as nursing assistants in nursing homes, hospitals, and other settings. Successful completion of the course qualifies the student to test for the Registry for Nursing Assistants. **(Students are responsible for the cost of this exam.)** Content includes medical terminology, basic anatomy and physiology, communication, infection control, growth and development, CPR, care of the patient, and assisting as a member of the health care team. Students are required to dress appropriately. Scrubs and clean shoes are the responsibility of students. Reliable transportation is required for clinical experience and adjusted class time to meet the state required 120 hours of instruction and clinical time. **This course does not meet district graduation requirements for Health.**

EMT-Basic A & B – ADA Professional-Technical Center

Course Number(s): 14055T2011, 14055T2012
Open to: 12
Credit: 4
Fees: None
Prerequisite: Successful completion of Essentials of Fire Fighting A & B or Health Professions I/Sports Medicine I A & B and instructor approval. Medical Terminology is highly recommended, but not required.

Transportation:  Students **MUST** provide their own transportation for this new course.
Content: A course designed to prepare students to become an Emergency Medical Technician; a person who serves as a vital link in the chain of the health care team at a basic life support level with an ambulance service or other specialized service. This course prepares students for the State of Idaho examination in Emergency Medical Technician-Basic. Students will participate in field trips, outside of class practicum experiences, and complete a senior-level project. **Opening of this course is pending.**

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Language Arts Sequence of High School Courses

9 th	10 th	11 th	12 th
English 9 A & B	English 10 A & B	English 11 A & B	English 12 A & B
Honors English 9 A & B	Honors English 10 A & B	American Character	English 12 A & B Senior English
*Reading A	*Reading A	Honors English 11 A & B	College Prep English 12 A & B
*Reading B	*Reading B	AP English 11 A & B Language & Composition	AP English 12 A & B Literature & Composition
Myth and Legend (elective)	*Language Arts Lab A	*Reading A	*Language Arts Lab A
American Film Research (elective)	*Language Arts Lab B	*Reading B	*Language Arts Lab B
	Creative Writing I (elective)	*Language Arts Lab A	Creative Writing I (elective)
	Advanced Creative Writing (elective)	Creative Writing I (elective)	Advanced Creative Writing (elective)
	Myth and Legend (elective)	Advanced Creative Writing (elective)	Myth and Legend (elective)
	Reader's Choice (elective)	Myth and Legend (elective)	American Film Research (elective)
	American Film Research (elective)	American Film Research (elective)	The Literature of Film (elective)
		The Literature of Film (elective)	

Note: Not all courses may be available at all schools.

Intervention Classes:

*Reading - Required elective semester class for 9th, 10th, and 11th graders who have an ISAT reading Scale Score below 221.

*Language Arts Lab - Required elective semester class for 11th and 12th graders who have not attained the state's required ISAT 10 reading and/or language usage proficiency levels. 10th graders at risk of not attaining the required reading and/or language usage proficiency levels may also be enrolled.

Language Arts

English 9 A & B

Course Number(s):	01001G1011, 01001G1012
Open to:	9
Credit:	2
Fees:	None
Prerequisite:	None
Content:	This course integrates the skills and concepts identified for 9 th grade by district and state standards. The reading materials explore the topic of coming of age through the concepts of responsibility, beliefs and values, self-identity, and relationships. Writing development includes expository and technical writing as well as research skills.

Honors English 9 A & B








Course Number(s):	01001H1011, 01001H1012
Open to:	9
Credit:	2
Fees:	None
Prerequisite:	Signed Rigor Commitment Form
Content:	This course meets the needs of high-achieving students performing considerably beyond grade level in English. Although the units of study share the same conceptual focus as English 9 A & B, the course challenges the student's ability to reason, synthesize, research, speak and write. In addition, students engage in advanced technical reading, writing as analysis and as assessment, and presentation of research. Successful honors students tend to have Reading and Language ISAT scale scores in the advanced or high-proficient range, attend class regularly, consistently meet deadlines, and have a willingness to work outside of class.

English 10 A & B

Course Number(s):	01002G1011, 01002G1012
Open to:	10
Credit:	2
Fees:	None
Prerequisite:	None
Content:	This course integrates the skills and concepts identified for 10 th grade by district and state standards. The reading materials give perspectives on the concepts of conflict and cooperation, struggles and consequences, motivation, and values through time. Students write expository essays, a research paper, and further develop technical reading and writing skills.

Honors English 10 A & B


Course Number(s):	01002H1011, 01002H1012
Open to:	10
Credit:	2
Fees:	None
Prerequisite:	Signed Rigor Commitment Form
Content:	This course meets the needs of high-achieving students performing considerably beyond grade level in English. Although the units of study share the same conceptual focus as English 10 A & B, the course challenges the student's ability to reason, synthesize, research, speak and write. In addition, students engage in advanced technical reading, writing as analysis and as assessment, and presentation of research. Successful honors students tend to have Reading and Language ISAT scale scores in the advanced or high-proficient range, attend class regularly, consistently meet deadlines, and have a willingness to work outside of class.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

English 11 A & B

Course Number(s): 01003G1011, 01003G1012
Open to: 11
Credit: 2
Fees: None
Prerequisite: None
Content: This course integrates the skills and concepts for 11th grade by district and state standards. The course explores the past, present and future American dream through literature portraying the concepts of motivation, beliefs and values, and identity. Written and oral projects include literary analysis, research, technical, persuasive and personal essay formats.


AP English 11 A & B - Advanced Placement Language and Composition








Course Number(s): 01005E1011, 01005E1012
Open to: Open Enrollment
Credits:  2
Fees: None
Prerequisite: **Signed Rigor Commitment Form**
Content: This course prepares students for the Advanced Placement Language Composition Test by creating highly skilled student writers and readers who are keenly aware of the implications and interactions of a text, subtext, literary theory, and rhetorical and literary conventions. These students can express insight of these subjects in honed, crystalline prose.

English 12 A & B

Course Number(s): 01004G1011, 01004G1012
Open to: 12
Credit: 2
Fees: None
Prerequisite: None
Content: This course integrates the skills and concepts identified for 12th grade by district and state standards. The reading selections prepare students for the workplace and adult life through the concepts of identity, interactions, interdependence, and interconnections. Emphasis is on technical, analytical, and reflective reading and writing.

College Prep English 12 A & B

Course Number(s): 01004G1031, 01004G1032
Open to: 12
Credit:  2
Fees: None
Prerequisite: None
Content: This course integrates English skills and concepts identified for 12th grade by district and state standards. Students prepare for college and adult life through studying the concepts of literary archetypes, catalysts, tragedy, and mutability in classic and contemporary British and world literature. Writing includes analysis, research, persuasion, and personal essays.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

AP English 12 A & B - Advanced Placement Literature and Composition

Course Number(s): 01006E1011, 01006E1012

Open to: 12

Credit: 2

Fees: None

Prerequisite: **Signed Rigor Commitment Form**

Content: This course prepares students to take the Advanced Placement English Literature and Composition Exam. Students read college level material, learn to analyze texts, and build expository essay skills. Students analyze reader and meaning, genre and context, text and subtext, text and criticism, and also use the major theories of literary criticism in analytical writing.

Creative Writing

Course Number(s): 01104G1011

Open to: 10, 11, 12

Credit: 1

Fees: None

Prerequisite: None

Content: This course is for advanced students of writing who want to experiment with style while developing and improving their own technique. The course emphasizes development of individual voice and style as well as form and technique. Poetry, fiction, short stories, and personal and expository essays will be emphasized. **This course does not meet district graduation requirements for English.**

Advanced Creative Writing

Course Number(s): 01004G1021

Open to: 10, 11, 12

Credit: 1

Fees: None

Prerequisite: Creative Writing

Content: This course is for advanced students of creative writing and emphasizes development of voice, style, form, and technique. The course focuses on poetry, fiction, short stories, personal and expository essays. Students will oversee the publication of school literary/artwork magazine. **This course does not meet district graduation requirements for English.**

Myth and Legend

Course Number(s): 01061G1011








Open to: 9, 10, 11, 12

Credit: 1

Fees: None

Prerequisite: None

Content: Cultures blend and the past illuminates the present through this course that examines folk tales, fairy tales, myths, and legends from around the world. Students will improve reading and writing skills as they become familiar with the stories that have defined cultures and explained natural phenomena. **This course does not meet district graduation requirements for English.**

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

American Film Research

Course Number(s): 01999G1011

Open to: 9, 10, 11, 12

Credit: 1

Fees: None

Prerequisite: None

Content: This course will study the invention and technological advancements in the American Film industry. Students will develop critical viewing skills as they evaluate techniques used to create visual images. Award winning film segments will be used as examples.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep

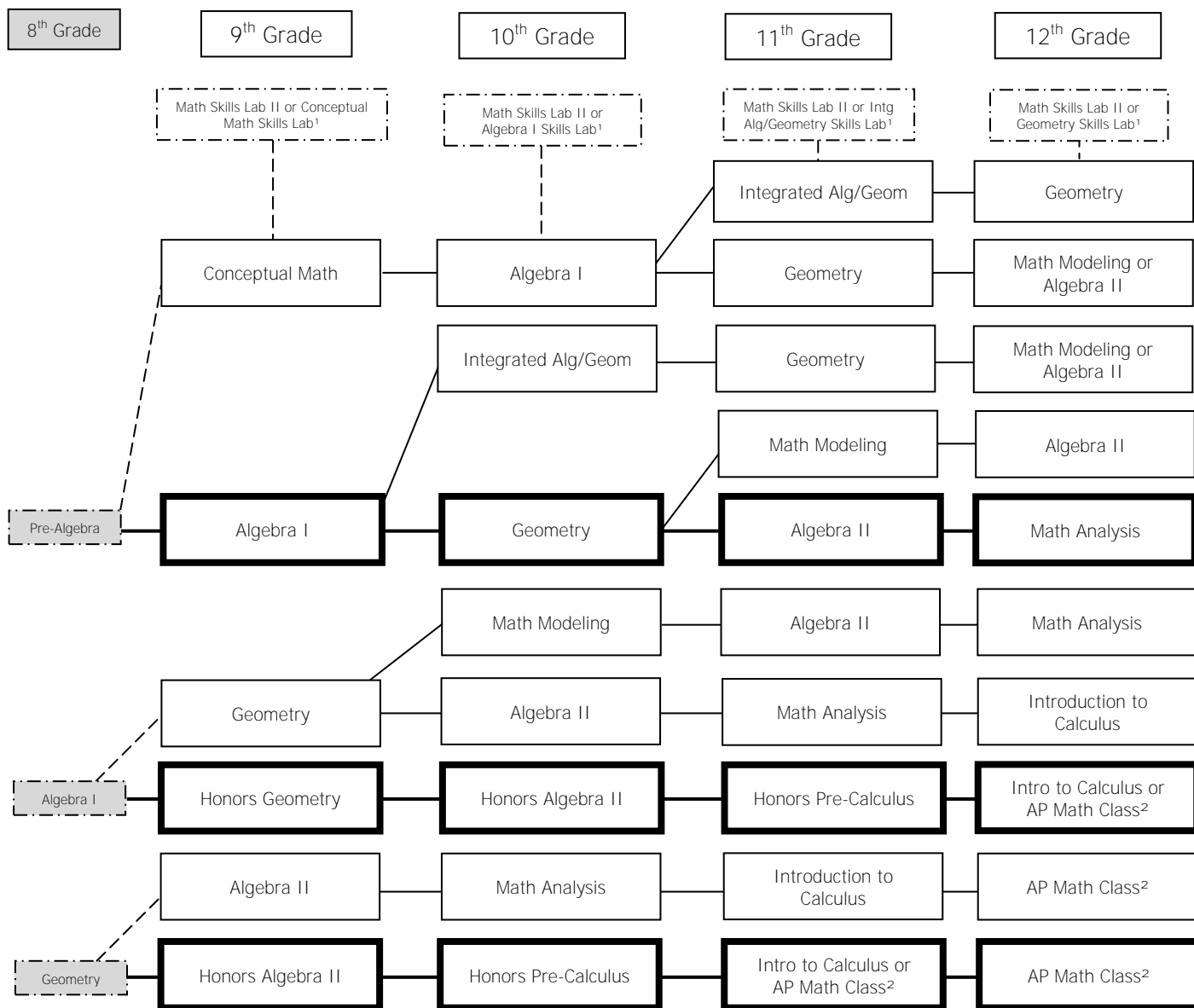


Students provide their own transportation



Travel

Joint School District No. 2
High School Math Sequence



Not all math classes are available at each high school. Individual schools may offer additional math courses or have variations on the structure of certain classes. Please check your high school course description book for exact information for registration.

This chart is intended to outline the probable sequence of courses students may take. There are additional variations available that are not indicated on the chart. **Bolded boxes indicate the typical course sequence based on a student's 8th grade math course.**

¹Skills Lab classes are taken in addition to a student's core math course. They can be taken for a semester or a year-long course. Placement is based upon the previous spring's ISAT score and teacher recommendation. This course is an elective credit; it is not a math credit.

²Advanced math Courses are AP Statistics, AP Calculus A/B, or Calculus II. AP Calculus A/B is a prerequisite for Calculus II.

Mathematics

Algebra I A & B

Course Number(s): 02052G1031, 02052G1032
Open to: 9, 10, 11, 12
Credit: 2
Fees: None
Prerequisite: Successful completion of Pre-Algebra or Conceptual Math A & B
Content: This course solidifies skills involving numbers and operations, and emphasizes algebraic manipulation and representation of linear functions and related data analysis skills.*

Algebra I Skills Lab A & B

Course Number(s): 02052B1031, 02052B1032
Open to: 9, 10, 11, 12
Credit: 1 to 2 Elective Credits
Fees: None
Prerequisite: Concurrent enrollment in Algebra I A & B
Content: This is an intervention course for students at risk of not attaining proficiency on spring Math ISAT 10. This class will help students acquire the skills necessary to be successful in Algebra I and meet math proficiency targets required for graduation. This class does not fulfill the 8-credit math graduation requirement and it is not an approved NCAA math course.*

Integrated Algebra/Geometry A & B

Course Number(s): 02074G1011, 02074G1012
Open to: 10, 11, 12
Credit: 2
Fees: None
Prerequisite: Successful completion of Algebra I A & B. This course is required for students who have not obtained the math proficiency score on the ISAT. This course is recommended for those students who have passed Algebra I but need further instruction in Algebra I topics and an introduction to Geometry topics.
Content: This course will address the topics covered in the 10th grade state standards; Number and Operations, Measurement, Algebra, Geometry and Data Analysis, Probability and Statistics with an emphasis on Reviewing Algebra I topics and introducing Geometry topics. This class is not an approved NCAA math course.*

Geometry A & B

Course Number(s): 02072G1011, 02072G1012
Open to: 9, 10, 11, 12
Credit: 2
Fees: None
Prerequisite: Successful completion of Algebra I A & B
Content: This course emphasizes the close relationship between Algebra and Geometry as it focuses on skills in visualization, pictorial representation and logic & proof. *

***Scientific calculator recommended.**

****Graphing calculator recommended**



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation




Travel

Geometry Skills Lab A & B

Course Number(s): 02072B1011, 02072B1012
Open to: 10, 11, 12
Credit: 1 to 2 Elective Credits
Fees: None
Prerequisite: Concurrent enrollment in Geometry A & B
Content: This class will help students acquire the skills necessary to be successful in Geometry and meet math proficiency targets required for graduation. This class does not fulfill the 8-credit math graduation requirement and it is not an approved NCAA math course. *

Honors Geometry A & B

Course Number(s): 02072H1011, 02072H1012
Open to: 9
Credit:  2
Fees: None
Prerequisite: **Students must meet the district's** placement criteria.
Content: This course emphasizes the same concepts as the Geometry course with an increased level of difficulty and more in depth study of the included topics. *

Math Modeling A & B








Course Number(s): 02201G1021, 02201G1022
Open to: 9, 10, 11, 12
Credit: 2
Fees: None
Prerequisite: Geometry A & B
Content: This course emphasizes making mathematics applicable to real-life situations and scenarios. Topics such as direct and inverse variation, data analysis, matrices, and functions will be addressed in practical settings and help give meaning to these abstract topics. This course is designed for students who want additional practice and understanding of Algebra I and Geometry topics and an introduction to Algebra II topics. **

Algebra II A & B


Course Number(s): 02056G1011, 02056G1012
Open to: 9, 10, 11, 12
Credit: 2
Fees: None
Prerequisite: Successful completion of Geometry A & B
Content: The study of mathematics through Algebra II is required for college bound students. This course emphasizes algebraic manipulation and representation of polynomial functions while introducing concepts involving trigonometry and logarithms. **

***Scientific calculator recommended.**

****Graphing calculator recommended**

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel


Honors Algebra II A & B

Course Number(s): 02056H1011, 02056H1012
Open to: 9, 10
Credit:  2
Fees: None
Prerequisite: Successful completion of Honors Geometry A & B
Content: This course emphasizes the same concepts as the Algebra II course with an increased level of difficulty and more in depth study of the included topics. **




Math Analysis A & B

Course Number(s): 02104G1011, 02104G1012
Open to: 11, 12
Credit: 2
Fees: None
Prerequisite: Successful completion of Algebra II A & B.
Content: This course will integrate algebraic concepts with probability and statistics. Using functions and statistics to model real world situations will be a major emphasis in this course. **

Honors Pre-Calculus A & B








Course Number(s): 02110H1011, 02110H1012
Open to: 10, 11
Credit:  2
Fees: None
Prerequisite: Successful completion of Honors Algebra II A & B.
Content: This course includes all of the topics covered in Math Analysis at a more rigorous pace and depth. Pre-Calculus topics emphasize the background theory a student must know to be successful in Calculus. **

AP Statistics A & B – Advanced Placement

Course Number(s): 02203E1011, 02203E1012
Open to:  11, 12
Credit: 2
Fees: None
Prerequisite:  Successful completion of Algebra II A & B
Content: This is a  year introductory, non-calculus based course in statistics. It is equivalent to a typical introductory college course. Students are exposed to four conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. All students will be eligible to take the AP Statistics exam in May.

*****Scientific calculator recommended.**


****Graphing calculator recommended**

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Seminar - Advanced Calculus A & B

Course Number(s): 02124E1021, 02124E1022
Open to: 11, 12
Credit: 1 to 2 Elective Credits
Fees: None
Prerequisite: Concurrent enrollment in AP Calculus AB A & B or Calculus II A & B and previous math teacher recommendation
Content: This course is taken concurrently with AP Calculus or Calculus II A & B to assist the student in acquiring the necessary skills to pass the AP exam and/or meet the requirements for concurrent credit. ***This course is graded as pass/fail.*****

AP Calculus AB A & B – Advanced Placement








Course Number(s): 02124E1011, 02124E1012
Open to: 11, 12
Credit:  2
Fees: None
Prerequisite: Successful completion of Honors Pre-Calculus.
Content: This course includes a study of limits, techniques of differentiation and integration, functions, slope fields, solution curves, local linearity and extrema, curve generated area and volume, as well as applications to engineering and business. All students will be eligible to take the AP Calculus AB exam in May. **

Calculus II A & B

Course Number(s): 02125E1011, 02125E1012
Open to: 12
Credit: 2
Fees: None
Prerequisite: Successful completion of AP Calculus AB A & B.
Content: This course continues the study of Calculus by the following topics: parametric functions, polar and vector functions, improper integrals, logistic differential equations, as well as geometric, harmonic, converging, diverging, and the Taylor-Maclaurin series. Taking this course may require students to travel to another high school. All students will be eligible to take the AP Calculus BC exam in May. **

***Scientific calculator recommended.**

****Graphing calculator recommended**

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Miscellaneous Elective Courses

Freshman Cornerstone A & B

Course Number(s): 22003G1011, 22003G1012
Open to: 9
Credit: 1 to 2
Fees: None
Prerequisite: None
Content: This course will acclimate ninth graders to high school by developing skills and behaviors essential to a successful high school experience. Some aspects of the class will include organization, study skills, and time management. The course content and activities will help students choose appropriate courses of study in their sophomore year.

Office Assistant Counseling Assistant

Course Number(s): 88500G1031 (Office) 88500G1011 (Counseling)
Open to: 9, 10, 11, 12
Credit: 1 or 2
Fees: None
Prerequisite: Counselor and Administrator Approval
Content: Assistants work in the front office or the counseling office of the school. They will develop interpersonal and customer service skills while working with the public, school staff, and students. Additionally, they can expect to develop/enhance their telephone etiquette, filing, alphabetizing, and the importance of maintaining confidentiality. Assistants must conduct themselves in a professional manner in this real work environment. Assistants will also be required to make deliveries to classrooms and offices. ***This course is graded as pass/fail.***

Library Assistant

Course Number(s): 88500G1021
Open to: 9, 10, 11, 12
Credit: 1 or 2
Fees: None
Prerequisite: Librarian and Administrator Approval
Content: Library assistants are a functioning team member in the school library. They may check library materials in and out, shelve items from the collection, and assist librarian in processing and repairing library materials. They will develop interpersonal and customer service skills while working with the public, staff, and students and will learn the importance of maintaining confidentiality. They may be required to make deliveries to classrooms. ***This course is graded as pass/fail.***



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

Teacher Assistant

Course Number(s): 88500G1051
Open to: 9, 10, 11, 12
Credit: 1 or 2
Fees: None
Prerequisite: Teacher and Administrator Approval
Content: Teacher assistants provide support to their assigned teacher. They can expect to use computer and software skills to develop lessons and presentations as outlined by their supervising teacher. They often assist in the set up of labs and activities, assist students in the class as needed, and develop/maintain classroom displays. Teaching assistants develop the ability to work well with peers. Teaching Assistants will not be allowed to enter grades or take attendance. Teaching Assistants may be invited to work in a local elementary school tutoring elementary students. In this situation students must be able to provide their own transportation. ***This course is graded as pass/fail.***

Peer Assistant

Course Number(s): 88500G1041
Open to: 9, 10, 11, 12
Credit: 1
Fees: None
Prerequisite: Teacher and Administrator Approval
Content: Peer Assistants work in small groups and in one-on-one settings with students in the Resource, Extended Resource and/or ELL classroom. ***This course is graded as pass/fail.***

The following courses can be found in the **Communications Section:**

- Newspaper Courses
- Yearbook Courses
- Photography Courses



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep




Students provide their own transportation




Travel

Music


A Cappella Choir A & B

Course Number(s): 05111G1041, 05111G1042
Open to: 10, 11, 12
Credit: 2
Fees:  An accurate description of the fees for the class will be provided before tryouts or upon sign up.
Prerequisite: By audition only
Content: A select mixed, advanced performance based course, with an emphasis on high quality choral music, as well as advanced concepts in singing, music literature, history, theory, music appreciation, and vocal presentation. Both sacred and secular music is studied. This course requires participation at all performances, as well as some out of school rehearsals. There will be extensive out of school commitments required of this ensemble. Outside of class performances and trips are part of the course. Some cost will be necessary to cover uniforms and travel, but all efforts will be made to minimize financial impact on students and families.


Beginning Guitar

Course Number(s): 05109G1011
Open to: 9, 10, 11, 12
Credit: 1
Fees:  Book purchase required not to exceed \$30
Prerequisite: None
Content: This course will be limited to beginning students only. Students will learn the skills necessary to play the instrument, including the reading of notes and musical notation. During the course, a variety of musical styles will be dealt with, including blues, rock, jazz, country, etc. Students must provide their own instrument, which is to be in good playing condition. An acoustic guitar is required. At the beginning of the course, students will be asked to purchase a book to be used during the class.

Advanced Guitar

Course Number(s): 05109G1021
Open to: 10, 11, 12
Credit: 1
Fees:  Book purchase required not to exceed \$30
Prerequisite: Beginning Guitar
Content: Students will continue to develop skills introduced at the beginning level. Additional skills will include: bar chords, jazz chords, advanced melodies, reading key signatures, finger picking, and classical style. An acoustic guitar is required.

Chamber Orchestra A & B

Course Number(s): 05105E1011, 05105E1012
Open to: All string players by audition – 9, 10, 11, 12
Credit: 2
Fees:  An accurate description of the fees for the class will be provided before tryouts or upon sign up.
Prerequisite: None
Content: This course is open, by audition, to all string players. This course is designed to meet the needs of students who are motivated to prepare advanced orchestra repertoire for community performances and competitive festivals. Students perform a variety of styles of music including pop, sacred, secular, and spirituals. Concurrent enrollment in Orchestra is also required.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

Concert Band A & B

Course Number(s): 05103G1011, 05103G1012

Open to: 9

Credit: 2

Fees:  A fee is charged to cover local travel, equipment and student material not to exceed \$25.

Prerequisite: Successful completion of 8th Grade band

Content: **This class broadens the student's technical and musical skills as instrumentalists.**

Focusing on concert literature of moderate difficulty, students not only perform concerts throughout the year but also develop their abilities to join the advanced high school band classes. Students perform a variety of styles of music including pop, sacred, secular, and spirituals.

Concert Choir A & B

Course Number(s): 05111G1011, 05111G1012

Open to: 9, 10, 11, 12

Credit: 2

Fees:  A fee is charged to cover local travel, equipment and student material not to exceed \$25.

Prerequisite: None

Content: A non-auditioned performance based course, open to any student with a desire to sing. This course focuses on vocal skill building concepts, including beginning concepts in singing, music literature, history, theory, music appreciation and vocal presentation. Students perform a variety of styles of music including pop, sacred, secular, and spirituals. This course requires participation at all performances, as well as some out of school rehearsals. Outside of class performances are part of the course. Some cost will be necessary to cover uniforms and local travel, but all efforts will be made to minimize financial impact on students and families.

Drum Line and Pit Ensemble

Course Number(s): 05107G1011

Open to: 10, 11, 12

Credit: 1

Fees: An accurate description of the fees for the class will be provided before tryouts or upon sign-up.

Prerequisite: One year band experience, live audition (in March of previous academic year)

Content: This course is offered first semester only. This is an audition only group of Marching Band percussionists who rehearse separately from the rest of the band for ensemble purposes. Selected wind players may also join under the condition they return to their original instrument for the remainder of the year.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep




Students provide their own transportation




Travel


Jazz Choir A & B








Course Number(s): 05112E1011, 05112E1012
Open to: 10, 11, 12
Credit: 2
Fees:  An accurate description of the fees for the class will be provided before tryouts or upon sign-up.
Prerequisite: By audition only
Content: A select, advanced performance based course, either mixed or non-mixed, with an emphasis on vocal jazz and popular/contemporary music, as well as advanced concepts of singing, vocal improvisation, jazz appreciation and history, jazz theory, and vocal presentation. In addition, the ensemble may perform small-ensemble classical music (sacred or secular). This course requires participation at all performances, as well as some out of school rehearsals. There will be extensive out of school commitments required of this ensemble. Outside of class performances and trips are part of the course. Some cost will be necessary to cover uniforms and travel, but all efforts will be made to minimize financial impact on students and families.

Symphonic Band/Marching Band A & B

Course Number(s): 05102G1011, 05102G1012
Open to: 10, 11, 12
Credit: 2
Fees:  An accurate description of the fees for the class will be provided before tryouts or upon sign-up.
Prerequisite: Concert Band I, II
Content: Symphonic Band/Marching Band is a full year course designed to be the cornerstone of the complete band program and the culmination of wind and percussion instrumental education. The Marching Band meets in the fall and usually lasts through the first nine weeks where the transition is made into Symphonic Band for the remainder of the year. Students participating in Marching Band must be in Symphonic Band at their home school. Both segments of the program focus on advanced musicianship skills, discipline, and teamwork. Students perform a variety of styles of music including pop, sacred, secular, and spirituals. Performances and practices outside of school time are required.

Men's Concert Choir A & B

Course Number(s): 05111G1031, 05111G1032
Open to: 9, 10, 11, 12
Credit: 2
Fees:  An accurate description of the fees for the class will be provided upon sign-up.
Prerequisite: None
Content: A non-auditioned performance based course, open to any male-voiced students with a desire to sing. This course focuses on vocal skill building concepts, including beginning concepts in singing, music literature, history, theory, music appreciation, and vocal presentation. Students perform a variety of styles of music including pop, sacred, secular, and spirituals. This course requires participation at all performances, as well as some out of school rehearsals. Outside of class performances are part of the course. Some cost will be necessary to cover uniforms and local travel, but all efforts will be made to minimize financial impact on students and families.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

Music Awareness

Course Number(s): 05119G1011
Open to: 9, 10, 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: A Humanities course for non-performers as well as performers, which will cover the styles and forms of music from Medieval and Renaissance to the 20th Century. The course will also cover the types and evolution of musical instruments and voices. Both sacred and secular music is studied.

Music Theory








Course Number(s): 05114G1011
Open to: 9, 10, 11, 12
Credit: 1
Fees: None
Prerequisite: Participation in a performing group or consent of instructor
Content: This course is designed to give high school musicians a more developed understanding of the principles of music theory. Emphasis is placed on elements of composition, arranging, and ear training.

Orchestra I A & B


Course Number(s): 05105G1011, 05105G1012
Open to: 9, 10
Credit: 2
Fees: A fee is charged to cover local travel, equipment and student material not to exceed \$25.
Prerequisite: Previous String Instruction and/or Instructor Approval
Content: Students will study and perform quality literature suited to ability level. Students will learn concepts of orchestra technique and elements of music such as music theory and history while continuing to develop individual skill on their instrument. Students perform a variety of styles of music including pop, sacred, secular, and spirituals. Students will participate in after school concerts and festivals throughout the year.

Treble Choir A & B


Course Number(s): 05111G1021, 05111G1022
Open to: 10, 11, 12
Credit: 2
Fees: An accurate description of the fees for the class will be provided before tryouts or upon sign-up.
Prerequisite: By audition only
Content: A select treble-voiced advanced performance based course with an emphasis on a wide variety of choral styles and genres, as well as advanced concepts in singing, music literature, history, theory, music appreciation, and vocal presentation. Students perform a variety of styles of music including pop, sacred, secular, and spirituals. This course requires participation at all performances, as well as some out of school rehearsals. There will be extensive out of school commitments required of this ensemble. Outside of class performances and trips are part of the course. Some cost will be necessary to cover uniforms and travel, but all efforts will be made to minimize financial impact on students and families.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

Varsity Jazz Ensemble A & B








Course Number(s): 05102E1011, 05102E1012
Open to: 10, 11, 12
Credit: 2
Fees:  An accurate description of the fees for the class will be provided before tryouts or upon sign-up.
Prerequisite: By audition and consent of instructor only
Content: The varsity jazz ensemble is an auditioned group of musicians who study, rehearse, and perform contemporary and traditional jazz music. Due to the nature of the course, an advanced level of musicianship and responsibility is required. Concurrent enrollment in a "concert" performance group also is required.

Wind Ensemble A & B

Course Number(s): 05107G1031, 05107G1032
Open to: 9, 10, 11, 12
Credit: 2
Fees:  An accurate description of the fees for the class will be provided before tryouts or upon sign-up.
Prerequisite: Acceptance by audition
Content: The most advanced instrumental ensemble for wind and percussion students. Students will learn and perform advanced wind band literature. Open by audition only, the wind ensemble will work to further develop the advanced musical and technical skill of its members while providing the opportunity to perform outstanding historical and contemporary wind band literature. Students perform a variety of styles of music including pop, sacred, secular, and spirituals.


Musical Theatre A & B

Course Number(s): 05055G1041, 05055G1042
Open to: 10, 11, 12
Credit: 2
Fees: \$16
Prerequisite: Students must be concurrently enrolled in any of the following classes: Choir, Band, Orchestra, or Drama.
Content: This course is a performance class for musical theater productions which may have secular or sacred themes. As part of that process, students will receive training in proper vocal projection, diction, characterization, communication, stage direction and movement, and non-verbal communication skills. Five hours of technical time will be required of every student.


	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Performing Arts (Drama)


Acting I A

Course Number(s): 05055G1011
 Open to: 9, 10, 11, 12
 Credit: 1
 Fees:  None
 Prerequisite: None
 Content: This course is an introduction to basic acting techniques and terminology. These include pantomime, improvisation, characterization, memorization, skits, and scenes. Students learn to develop voice skills, create a character, evaluate a play, and perform in scenes. Plays and/or scenes may include sacred or secular themes. Students also will study components of theater history, criticism, and vocational opportunities.

Acting I B








Course Number(s): 05055G1012
 Open to: 9, 10, 11, 12
 Credit: 1
 Fees:  None
 Prerequisite: Successful completion of Acting I A
 Content: This course develops acting skills and techniques. The history of the theater, etiquette, dialects, memorization, and introduction to vocational possibilities are also included. A one-act play will be performed. Plays and/or scenes may include sacred or secular themes. After school and evening rehearsals are required of students in weeks prior to play performance.

Advanced Acting A & B

Course Number(s): 05055G1021, 05055G1022
 Open to: 10, 11, 12
 Credit: 1 to 2
 Fees:  None
 Prerequisite: Selection by Audition and/or successful completion of Acting IIB
 Content: This course is a continuation of basic acting techniques and terminology stressing performance and the possibility of original works. Advanced Acting includes improvisation, characterization, memorization techniques and scenes. Plays and/or scenes may include sacred or secular themes. Students continue to develop projection, inflection, articulation, blocking, business and character believability.

Stagecraft A

Course Number(s): 05056G1011
 Open to: 9, 10, 11, 12
 Credit: 1
 Fees: \$20
 Prerequisite: None
 Content: This theater class teaches and develops technical skills focusing on behind the scenes design elements in costumes, lighting, properties, make-up and sound. Students will identify the roles and responsibilities of producer, stage manager, and publicist. This course satisfies the Technology Credit requirement. It is not an acting class.








	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel

Stagecraft B

Course Number(s): 05056G1012
Open to: 9, 10, 11, 12
Credit: 1
Fees: \$20
Prerequisite: Successful completion of Stagecraft A
Content: In this course, students will develop technical skills focusing on one or more areas of technical theater including set design, properties, make-up, costumes, and lights. Students will develop special projects and apply the elements of design to stage productions. After school work is required during production weeks.

Advanced Stagecraft A & B

Course Number(s): 05056G1021, 05056G1022
Open to: 10, 11, 12
Credit: 1 to 2
Fees: None
Prerequisite: Successful completion of Stagecraft A and B and/or Instructor Approval
Content: Students will be required to complete a technical practicum where they apply their learning of technical theater for a public performance. Students will apply components of theater criticism and history/culture, as they relate to the technical aspects of a stage production. This course is recommended for students pursuing a career in technical theater. This course will require after school time.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

Physical Education

Lifetime Sports and Fitness A & B

Course Number(s): 08015G2010, 08015G2011, 08015G2012
Open to: 11, 12
Credit: 2 to 4
Fees: Up to \$125
Prerequisite: None
Content: Lifetime Sports and Fitness is an advanced physical activity course. Students will participate and test in a variety of activities that may be carried over into a lifetime of physical activity. A sizable lab fee will be required to offset adjunct facilities and instructors. Students must be able to provide their own transportation to off campus locations. Students will also participate each day and dress down in appropriate P.E. attire. Schools have the option of making this course two consecutive periods in length for 2 credits per semester.

Cardio Fitness A & B

Course Number(s): 08005G1010, 08005G1011, 08005G1012
Open to: 9, 10, 11, 12
Credit: 1 to 2
Fees: None
Prerequisite: None
Content: Cardio Fitness is a class designed to improve overall cardiovascular endurance, strength, flexibility and weight control. This class is suitable for any student, athlete or non athlete. Students will demonstrate an understanding of cardiovascular fitness while participating in a variety of activities. Activities include, but are not limited to: endurance and speed training, spinning, aerobics, yoga, pilates, etc. Students will also participate each day and dress down in appropriate P.E. attire.

Introduction to Fitness A & B

Course Number(s): 08009G1010, 08009G1011, 08009G1012
Open to: 9, 10, 11, 12
Credit: 1 to 2
Fees: None
Prerequisite: None
Content: Students will be introduced to and instructed in a wide variety of skills, concepts, and activities that will significantly enhance their appreciation, knowledge and physical fitness levels. Introduction to fitness will specifically focus on teaching students the proper fundamentals and techniques necessary for core strength, stability improvement, speed and agility. A rigorous and intense cross fit approach will be utilized to enhance student achievement. This is a non-recreational course which demands a high work ethic. Students will also participate each day and dress down in appropriate P.E. attire.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

Advanced Fitness A & B

Course Number(s): 08009G1020, 08009G1021, 08009G1022








Open to: 10, 11, 12

Credit: 1 to 2

Fees: None

Prerequisite: Successful Completion of Introduction to Fitness

Content: Advanced fitness provides students the opportunity to pursue their personal fitness program throughout their high school career. Students work on and refine their weight training and fitness program to optimize their strength, speed and agility. Students will also participate each day and dress down in appropriate P.E. attire.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

Pre-Engineering

Introduction to Engineering Design/Architectural Drafting A & B – Taught at Centennial








Course Number(s):	21006T1011, 21006T1012
Open to:	9, 10, 11, 12
Credit:	2
Fees:	\$20
Prerequisite:	None
Content:	In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

Principles of Engineering A & B – Taught at Centennial



Course Number(s):	21004T1011, 21004T1012
Open to:	10, 11, 12
Credit:	2
Fees:	\$20
Prerequisite:	Successful completion of Introduction to Engineering Design and concurrent enrollment in Geometry or above.
Content:	This survey course of engineering exposes students to some of the major concepts they will encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges such as a solar/hydrogen hybrid car, a bridge truss, a contraption built and programmed to sort marbles of different materials, and a projectile motion device. Students also learn how to document their work and communicate their solutions to peers and members of the professional community.

Digital Electronics A & B – ADA Professional-Technical Center and/or Rocky Mountain High School

Course Number(s):	21008T1011, 21008T1012
Open to:	11, 12
Credit:	2
Fees:	\$20
Prerequisite:	Successful completion of Principles of Engineering. Students must be concurrently enrolled in Algebra II or above.
Content:	This course is the study of electronic circuits that are used to process and control digital signals. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras and high-definition televisions. The major focus of the DE course is to expose students to the process of combinational and sequential logical design, teamwork, communication methods, engineering standards and technical documentation.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel




Computer Integrated Manufacturing A & B – ADA Professional-Technical Center and/or Rocky Mountain High School








Course Number(s): 21010T1021, 21010T1022
 Open to: 11, 12
 Credit: 2
 Fees: \$20
 Prerequisite:  Successful completion Principles of Engineering. Students must be concurrently enrolled in Algebra II or above.
 Content:  The major focus of this course is to answer questions such as: How are things made? What processes go into creating products? How do assembly lines work? How has automation changed the face of manufacturing? As students find the answers to these questions, they learn about the history of manufacturing, a sampling of manufacturing processes, robotics and automation. The course is built around several key concepts: computer modeling, Computer Numeric Control (CNC) equipment, Computer Aided Manufacturing (CAM) software, robotics and flexible manufacturing systems.

Civil Engineering and Architecture A & B – ADA Professional-Technical Center

Course Number(s): 21012T2011, 21012T2012
 Open to: 11, 12
 Credit: 4
 Fees: \$20
 Prerequisite:  Successful completion of Introduction to Engineering Design/Architectural Drafting A & B. Principles of Engineering A & B is highly recommended, but not required.
 Content:  The major focus of this course is completing long-term projects that involve the development of property sites. As students learn about various aspects of civil engineering and architecture, they apply what they learn to the design and development of a property. Students work in teams, exploring hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, students use 3D design software to help them design solutions to solve major course projects. Students learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community of civil engineering and architecture

Engineering Design and Development A & B – ADA Professional-Technical Center

Course Number(s): 21007T1011, 21007T1012
 Open to: 12
 Credit: 2 (Double Block, 2nd Semester)
 Fees: \$20
 Prerequisite:  Successful completion of Digital Electronics, Computer Integrated Manufacturing, or Civil or Engineering and Architectural Drafting. Students must be concurrently enrolled in Math Analysis or above.
 Content:  This capstone course allows students to design a solution to a technical problem of their choosing. This is an engineering research course in which students research, design, test and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide and help the team to reach a solution to the problem. Students create presentations to their solutions. The EDD course allows students to apply all the skills and knowledge learned in previous engineering courses. This course also engages students in time management and teamwork skills, a valuable set for students in the future.


	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel

Aerospace Engineering A & B – ADA Professional-Technical center


Course Number(s): 21015T1011, 21015T1012








Open to: 12

Credit: 2 (Double Block, 1st Semester)

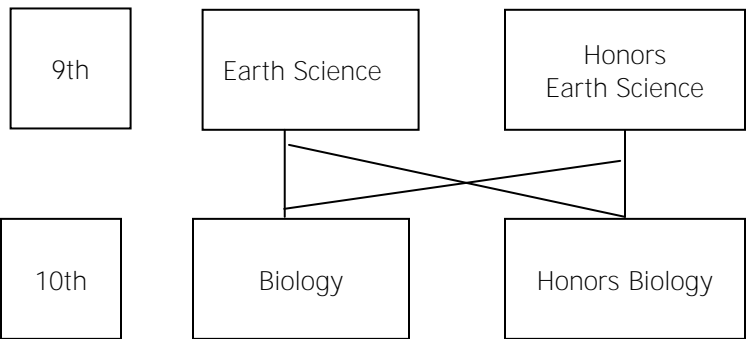
Fees: \$20

Prerequisite: Successful completion of Digital Electronics and Computer Integrated Manufacturing, or Civil Engineering & Architecture.

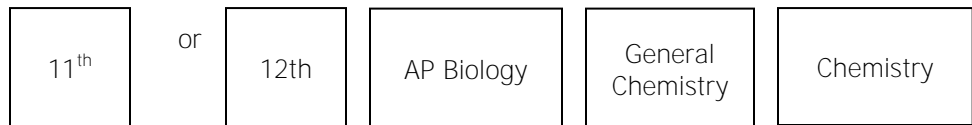
Content:  The major focus of this course is to expose students to the world of aeronautics and aerospace engineering and related areas of study. Lessons and projects engage students in engineering design problems related to evolution of flight, physics of flight, flight simulation, propulsion, rocketry, space travel, aerospace structures and materials, flight and space physiology, remote sensing and robotics. In addition, students use 3D design software to help design solutions to proposed problems. Students design intelligent vehicles to learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community. This course is designed for 12th grade students.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Science
SEQUENCE OF HIGH SCHOOL COURSES



Electives



Practical Entomology	Microbiology & Genetics	AP Chemistry	Conceptual Physics	Physics	Honors Chemistry
Oceanography	Zoology	Amphibians Reptiles and Birds	Botany and Forestry	Anatomy	AP Physics B or C
Environmental Science AP Optional	Botany / Science of Plant Growth & Development	Botany, Gardening and Landscaping	Geology	Botany / Horticulture Plant Science 1	Ecology
Astronomy	Forensics in Science	Wildlife Biology	Honors Conceptual Physics	Kinesiology	Aquatic Habitat Conservation


Note: Not all courses may be available at all schools.

Science

Earth Science A & B

Course Number(s): 03001G1011, 03001G1012
Open to: 9
Credit: 2 (Lab Credit)
Fees: None
Prerequisite: None
Content: This course provides students with an understanding of the different aspects of the **Earth's systems. These systems are explored through areas of physical and historical geology, meteorology, and astronomy.** Emphasis is placed on interactions between the **Earth's natural systems and humans. With the use of visual aids, models, and computers,** this course is designed to discover earth science in a hands-on experience.



Honors Earth Science A & B








Course Number(s): 03001H1011, 03001H1012
Open to: 9
Credit: 2 (Lab Credit)
Fees:  None
Prerequisite: **Signed Rigor Commitment Form**
Content: Topics and concepts are similar to those covered in Earth science but at a faster pace and with greater emphasis on interpretation and analysis of existing data relating to the **Earth's science issues. Out of class readings and research projects are required.**

Biology A & B

Course Number(s): 03051G1011, 03051G1012
Open to: 10
Credit: 2 (Lab Credit)
Fees: None
Prerequisite: None
Content: Biology will stress the world of life, the cell as the basic unit of life, genetics, the plant and **animal kingdoms, ecological relationships, and vocational applications of biology in today's world.**

Honors Biology A & B

Course Number(s): 03051H1011, 03051H1012
Open to:  9, 10
Credit: 2 (Lab Credit)
Fees: \$5 Lab Fee
Prerequisite: **Signed Rigor Commitment Form**
Content:  This course is designed to meet the needs of the high-achieving science student. The biology curriculum is implemented at a faster pace and additional projects are required. Enrichments are provided.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

AP Biology A & B – Advanced Placement

Course Number(s): 03056E1011, 03056E1012

Open to: 10, 11, 12

Credit: 2 (Lab Credit)

Fees: \$20

Prerequisite:



Signed Rigor Commitment Form

Successful completion of Earth Science

Content:

This course is designed by the College Board to be the equivalent of a college introductory biology course taken by biology majors during their first year at college. This course has a concentration of lab work with technical lab reports required. Taking the Advanced Placement Examination is strongly recommended upon completion for possible college credit. Students should check with specific prospective universities to find out what level of university biology this will meet.

Astronomy A & B

Course Number(s): 03004G1011, 03004G1012

Open to: 11, 12

Credit: 2 (Lab Credits)

Fees: Money may be collected for field trips.

Prerequisite: Successful completion of Earth Science, Biology, Algebra I and Geometry. (Algebra II is suggested.)

Content:

Students will become familiar with the extraordinary objects that have been observed in our universe. They will begin to understand what these objects are and how they came to be. They will also look for patterns and structure in the universe.

Anatomy A & B

Course Number(s): 03054G1011, 03054G1012

Open to: 11, 12

Credit: 2 (Lab Credits)

Fees: Not to exceed \$30.00

Prerequisite: Successful completion of 2 lab credits and credit earned in Biology A & B.

Content:

Anatomy investigates each of the nine human systems in their basic functions. Integumentary, skeletal, muscular, cardiovascular, respiratory, circulatory, digestive, reproductive, and neurological are the areas in which students will receive detailed instruction. Students will gain in-depth knowledge through lecture, lab, and dissections as they relate to this field of study.

Zoology

Course Number(s): 03061G1011

Open to: 11, 12

Credit: 1 (Lab Credit)

Fees: \$15

Prerequisite: Successful completion of Earth Science and Biology.

Content:

This class deals with evolution, classification, and the animal kingdom. The class focuses on the anatomy, physiology, and behavior of invertebrates and vertebrates. Dissections are a requirement for this class.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel



General Chemistry A & B

Course Number(s): 03105G1011, 03105G1012
Open to: 11, 12
Credit: 2 (Lab Credit)
Fees: None
Prerequisite: Successful completion of Earth Science, and Biology. Successful completion of Algebra I is highly recommended.
Content: This course is designed for college and non-college bound students. General Chemistry covers seven major areas of chemistry that impact our survival as a country and as a world society. Major areas of study are water quality, chemical resources and the periodic table, petroleum (organic chemistry), food (biochemistry), and atoms (nuclear chemistry). Gaining a chemistry background and developing critical thinking and decision-making skills are emphasized.

Chemistry A & B

Course Number(s): 03101G1011, 03101G1012
Open to: 10, 11, 12
Credit: 2 (Lab Credit)
Fees: \$10
Prerequisite: Successful completion of Algebra I, Algebra II, and 2 lab science credits. (Algebra II may be taken concurrently with this class.)
Content: This laboratory course prepares potential college-bound students for majors in chemistry, engineering, medicine, and biology. This course uses the scientific method as a tool to study materials and their properties on both observational and theoretical levels. The physical states and properties of matter are combined with atomic theory as a basis for understanding the laws and uses of materials. This course is technical in nature and involves technical writing skills. It is also mathematically based to give students the background to succeed in college chemistry.

Honors Chemistry A & B

Course Number(s): 03101H1011, 03101H1012
Open to: 11, 12
Credit:  2 (Lab Credit)
Fees: \$10
Prerequisite:  **Signed Rigor Commitment Form**, Successful completion of Algebra I, Algebra II, and 2 lab science credits.
Content: This laboratory course prepares potential college-bound students for majors in chemistry, engineering, medicine and biology. This course uses the scientific method as a tool to study materials and their properties on both observational and theoretical levels. The physical states and properties of matter are combined with atomic theory as a basis for understanding the laws and uses of materials. This course is technical in nature and involves technical writing skills. It is also mathematically based to give students the background to succeed in college chemistry. This course moves at a faster pace and goes more in-depth than the Chemistry A - B course.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

AP Chemistry A & B - Advanced Placement

Course Number(s): 03106E1011, 03106E1012

Open to:  11, 12

Credit: 2 (Lab Credit)

Fees: \$25

Prerequisite:  **Signed Rigor Commitment Form**, Successful completion of Algebra I, Algebra II, and 2 lab science credits.

Content: This laboratory course follows the College Board AP standards and is a demanding, high intensity course, which covers the first year of general college chemistry stressing thermo chemistry, equilibriums and state of the art laboratory techniques. This course is technical in nature; involves technical writing skills and is mathematically based. The Advanced Placement Examination is strongly recommended upon completion for possible college credit. Students should check with specific prospective universities to find out what level of university chemistry this will meet.

Physics A & B

Course Number(s): 03151G1011, 03151G1012

Open to: 10, 11, 12

Credit: 2 (Lab Credit)

Fees: \$10

Prerequisite: Successful completion of 2 lab science credits, Geometry and Algebra I and II. (Algebra II may be taken concurrently with this class.)

Content: This course immerses the student into the concepts of physics and is designed to prepare students for science or engineering courses in college. Physics is the study of the rules of nature. Topics covered include motion, force, energy, fluids, heat, sound, light, electricity, magnetism, mechanics, thermodynamics, gravitation, fluid forces, concepts, mathematical problem solving, and lab work. An understanding of geometry is required.

AP Physics A & B - Advanced Placement (Physics B)

Course Number(s): 03155E1011, 03155E1012

Open to: 11, 12

Credit:  2 (Lab Credit)

Fees: \$15

Prerequisite: **Signed Rigor Commitment Form** - Successful completion of 4 lab science credits, Algebra II, Pre- Calculus or Math Analysis. (Pre- Calculus or Math Analysis may be taken concurrently with this course.)

Content: This course immerses the student into the concepts of physics and is designed to prepare students for science or engineering courses in college. Topics covered include motion, force, fluids, heat, sound, light, electricity, magnetism, mechanics, energy, thermodynamics, gravitation, fluid forces, electromagnetism, waves and some partial physics. Much emphasis is placed on mathematical problem solving and lab work. AP Physics is a rigorous physics course taught at a college level. This is the same course that most college students take who are majoring in scientific and technical fields, particularly biological sciences. A firm grasp of geometry is required. The Advanced Placement Examination is strongly recommended upon completion for possible college credit. Students should check with specific prospective universities to find out what level of university chemistry this will meet.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep




Students provide their own transportation




Travel

AP Environmental Science A & B - Advanced Placement

Course Number(s): 03207E1011, 03207E1012
Open to: 11, 12
Credit:  2 (Lab Credits)
Fees: \$10-Additional money may be collected for field trips.
Prerequisite: **Signed Rigor Commitment Form required and** successful completion of Earth Science and Biology.
Content: The AP Environmental Science course is designed to be the equivalent of a one semester, introductory college course in environmental science. This is a rigorous science course that stresses scientific principles and analysis, and that often includes a laboratory component. This course will enable students to undertake, as first-year college students, a more advanced study of topics in environmental science. Taking the Advanced Placement Examination is strongly recommended upon completion for possible college credit. Students should check with specific prospective universities to find out what level of university environmental science this will meet.

Geology A & B

Course Number(s): 03002G1011, 03002G1012
Open to: 11, 12
Credit:  2 (Lab Credit)
Fees: None
Prerequisite: Successful completion of Earth Science and Biology
Content: **This course examines the earth's internal and external processes, systems, and changes in detail.** Students will explore the correlation of current environmental issues utilizing chemistry, physics, and biological concepts.

Oceans A & B

Course Number(s): 03005G1011, 03005G1012
Open to: 11, 12
Credit: 2 (Lab Credit)
Fees: \$10
Prerequisite: Successful completion of Earth Science and Biology.
Content: Oceanography is the study of the interactions of biology, geology, chemistry, and physics in the function, processes, and systems of oceans. Labs and course of study are designed to give the student a strong background in the science of oceanography.

Practical Entomology

Course Number(s): 03009G1011
Open to: 11, 12
Credit: 1 (Elective Credit)
Fees: \$80
Prerequisite: None
Content: This unique course gives students the opportunity to learn a lifetime recreational skill while applying the elements and principles of design. Students are exposed to entomology, biology, woodworking, and basic design skills. Students will also explore a variety of employment opportunities with regard to fly tying. Students are expected to supply all materials including a fly tying kit. Students will tie approximately fifteen different fly patterns covering a wide range of insect life. Students are required to complete a semester notebook with all class materials, and have a fly fishing rod for the elective credit. The fishing rod and flies are the property of the student.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

Ecology A & B

Course Number(s): 03063G1021, 03063G1022








Open to: 11, 12

Credit: 2 (Lab Credits)

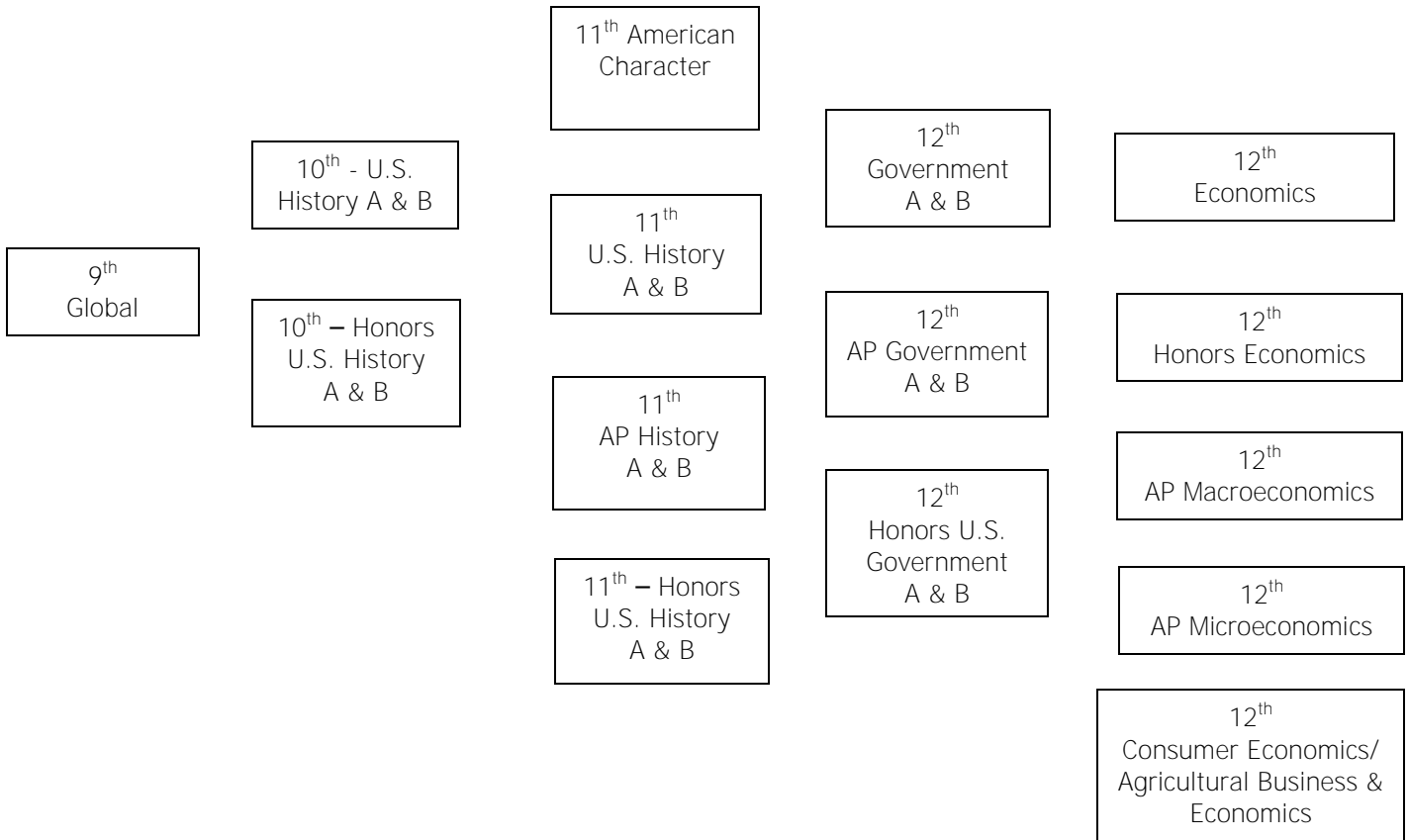
Fees: \$10

Prerequisite: Successful completion of 2 lab science credits

Content: This investigation of the study of plants and animals in their natural settings places emphasis on the interrelationship of living things and their physical environment. Topics include nature and how human development has modified environments resulting in changes in plant and animal communities. In-depth investigation is placed on natural history, animal behaviors, wildlife management, and effects of pollution.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Social Studies



Social Studies Electives

Idaho History, Western Civilization, Psychology, Sociology, Student Leadership, Introduction to Law Enforcement, Law II: Civil Law A & B, Military History, Academy Leadership Classes, Idaho Anthropology, Native American History, Western Philosophy, Science & Civics, Honors Western Civilization A & B, Citizenship in the 21st Century, Consumer Economics/Agricultural Business & Economics, and Seminar-Advanced Social Studies

Note: Not all courses may be available at all schools.

Social Studies

U.S. History 10 A & B

Course Number(s): 04102G1011, 04102G1012
Open to: 10
Credit: 2
Fees: None
Prerequisite: None
Content:

This course is a chronological and thematic survey of our nation's past from the Pre-Colonial Period through the Reconstruction. Emphasis is on historical cause and effect and people, events and movements, which have shaped our current society. The course seeks to promote an awareness and appreciation of our nation's history.

Honors U.S. History 10 A & B

Course Number(s): 04102H1011, 04102H1012
Open to: 10
Credit: 2
Fees:  None
Prerequisite: **Signed Rigor Commitment Form**
Content:

This course meets the needs of high achieving history students. The Honors U.S. History curriculum is implemented at a faster pace with additional projects and enrichment provided. **This course is a chronological and thematic survey of our nation's past from the Pre-Colonial Period through the Reconstruction. Emphasis is on historical cause and effect and social implications.**

Global Perspectives

Course Number(s): 04061G1011
Open to: 9
Credit: 1
Fees: None
Prerequisite: None
Content:

This class focuses on World Religions, Governments, Economic Systems, and Cultures found around the globe. Emphasis is placed on unilateral and multilateral positioning of the United States with International Trade Organizations in relation to U.S. foreign policy.

On-Line Global Perspectives

Course Number(s): 04061G1021
Open to: 9
Credit: 1
Fees: \$125
Prerequisite: None
Content:

Global Perspectives is a course designed to give students a broader understanding of world issues. It teaches students to analyze their thoughts and support their ideas and decisions. Current issues around the globe will be discussed during the course. In Global Perspectives students will view the regions of the world from geographical, political, economical, and cultural perspectives. **This course will meet the graduation requirements for online learning credits for the class of 2016 and beyond.** You will need to have internet and computer access to take this course. All of this course content will be completed off campus and outside of the regular school day.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation




Travel

U.S. History 11 A & B

Course Number(s): 04103G1011, 04103G1012
Open to: 11
Credit: 2
Fees: None
Prerequisite: None
Content:

This course is a chronological and thematic survey of our nation's past from Westward Expansion (1870's) to September 11, 2001, with emphasis placed on 20th Century America. Special emphasis will be placed on historical causes and effects of events, movements, and people who have established the American past. The course promotes an appreciation and awareness of the richness of our history and institutions.

AP U.S. History 11 A & B – Advanced Placement

Course Number(s): 04104E1011, 04104E1012
Open to: 11
Credit: 2
Fees:  None
Prerequisite: **Signed Rigor Commitment Form**
Content:

This course uses unique college-level instruction relative to College Board requirements. It provides the motivated student a chance to excel beyond the normal high school classroom experience. It is possible to earn college credit and placement into upper division college courses through an optional Advanced Placement exam.

American Government A & B








Course Number(s): 04151G1011, 04151G1012
Open to: 12
Credit: 2
Fees: None
Prerequisite: None
Content:

This class addresses the course of America's political development and institutions with an emphasis on citizenship awareness and citizen rights and responsibilities. It emphasizes the following: the Constitution, American political parties, state and local governments, and federalism.

AP U.S. Government A & B – Advanced Placement

Course Number(s): 04157E1011, 04157E1012
Open to: 12
Credit: 2
Fees:  None
Prerequisite: **Signed Rigor Commitment Form**
Content:

This course will cover in depth, six primary sections: Constitutional underpinnings, voting and elections, parties, and mass media institutions (legislative, executive, judicial), civil rights and liberties. The course will couple the workings of government structures and the influence of politics on the American citizenry.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Economics

Course Number(s): 04201G1011

Open to: 12

Credit: 1

Fees: None

Prerequisite: None

Content: This course introduces the student to the concepts of economics. The course will explain what economics is and how it affects theories and applications of supply and demand. It also will examine the economy from the perspective of banks, businesses, consumers, and government. Finally, this course will look at economics beyond our borders and explore the global nature of our system.

AG 660 – Consumer Economics/Agricultural Business and Economics – Meridian Professional-Technical Center

Course Number(s): 18201T1011

Open to: 11, 12

Credit: 1 (Meets Economics Requirement)

Fees: None

Prerequisite: None

Content: Recommended for all Professional Technical students. This course introduces the student to agribusiness management in the free enterprise system. The course includes economic principles, budgeting, record keeping, finance, decision-making, risk management, business law, marketing and careers in agribusiness.

HS Economic Credit



AP Macroeconomics – Advanced Placement

Course Number(s): 04204E1011

Open to: 12

Credit: 1

Fees: None

Prerequisite: **Signed Rigor Commitment Form**

Content: Advanced Placement (AP) Macroeconomics is intended for qualified students who wish to complete studies in high school that are equivalent to a one-semester college introductory course in macroeconomics. The course is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price determination, and also develops **students' familiarity with economic performance** measures, economic growth, and international economics.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

AP Microeconomics – Advanced Placement

Course Number(s): 04203E1011

Open to: 12

Credit: 1

Fees: None

Prerequisite:

Content:



Signed Rigor Commitment Form

AP Microeconomics focuses on how economic decisions are made by individuals, firms, and organizational structures. Demand and supply analysis is developed to demonstrate **how market prices are determined, how those prices determine an economy's allocation** of goods and services, how factors of production are allocated in the production process, and how goods and services are distributed throughout the economy. Emphasis is placed on analyzing and evaluating the effects of government intervention, as well as the economic decisions made by political and business leaders. The goal of the AP Microeconomics class is to teach students how to develop logical arguments using economic models as a basis for decision-making.

Idaho History

Course Number(s): 04105G1011

Open to: 9, 10, 11, 12

Credit: 1

Fees: None

Prerequisite: None

Content:

Students will study the history of Idaho from many viewpoints. They will learn about prehistory, Native American history, and Asian, European, and African contact, migration, and settlement. Students also will learn about geography, trapping, mining, logging, agriculture, statehood, technology, and Idaho literature and art.

Western Civilization A & B

Course Number(s): 04063G1011, 04063G1012

Open to: 10, 11, 12

Credit: 1 - 2

Fees: None

Prerequisite: None

Content:



This course will examine the historical development, geographical characteristics and cultural expressions of western civilization through the Renaissance. Special emphasis will be placed on the cultural impact western civilization has had on the development and daily life of modern society.

Psychology I

Course Number(s): 04255G1011

Open to: 11, 12

Credit: 1

Fees: None

Prerequisite: None

Content:

This class studies the individual and personality. It **promotes understanding of one's self**. It is a study of how the mind learns both consciously and unconsciously and how these learned patterns affect our behavior.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

Psychology II A & B

Course Number(s): 04254G1011, 04254G1012
Open to: 11, 12
Credit: 1 to 2
Fees: None
Prerequisite: Successful completion of Psychology I
Content: The concepts of personality and behavior learned in Psychology I are studied in a broader and more in-depth scope. Emphasis is placed on how these concepts directly affect an individual.

Sociology

Course Number(s): 04258G1011
Open to: 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: This class studies the behavior of human personalities as well as the effects and development of culture. The class brings into focus the development of social structures, why societies develop in certain ways, how the process of socialization affects both the individual and the group, and how distinctions arise within various societies.

Introduction to Law Enforcement

Course Number(s): 04166G1011
Open to: 11, 12
Credit: 1
Fees: Not to exceed \$15
Prerequisite: None
Content: This class will provide students with an understanding of the tasks involved in a variety of careers in law enforcement. Law enforcement and police procedures, crime in the United States, correctional and social services, law enforcement ethics and professionalism, constitutional amendments, patrol functions, correctional procedures, and police photography will be some of the areas covered.

Military History

Course Number(s): 04099G1011
Open to: 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: Military history will study the effects of technology on the offensive and defensive cycles of warfare from pre-history to the period of Warfare of Ideology.

Citizenship in the 21st Century

Course Number(s): 04161G1011
Open to: 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: This course will provide instruction in the process skills of critical thinking, collaborative learning, and use of media required for students to excel in the 21st century. The course will be taught through project based learning and will include an emphasis on global education, current events, human rights, and civic participation.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

Technology Education

Manufacturing Technology – Centennial High School

Course Number(s): 13002T1011

Open to: 9, 10

Credit: 1

Fees: None

Prerequisite: None

Content: This course is designed to introduce students to those principles and skills used in technological careers. The computer and other electronic devices are necessary for teaching an understanding of contemporary communications, manufacturing, power/energy/transportation and construction systems. Students will also develop an understanding of the tools, techniques, and process of technology using design principles, computers, problem-solving, and model making. Leadership development will be provided through Technology Student Association (TSA).



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep

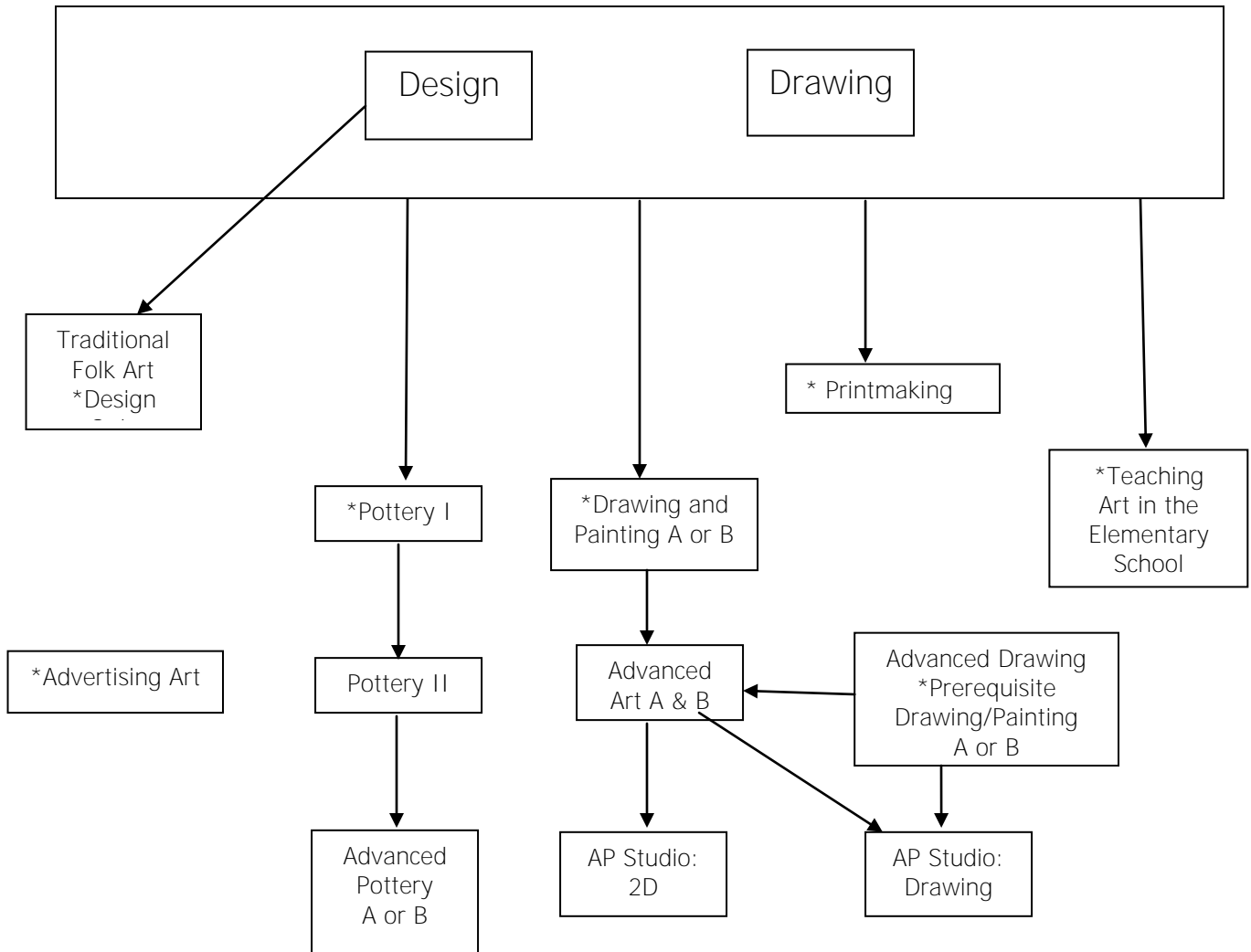


Students provide their own transportation



Travel

Visual Arts Course Sequence Tree



*Both Design and Drawing courses are prerequisites for Drawing and Painting A or B, Printmaking, Teaching Art in Elementary School, Advertising Art, and Pottery I.

Note: Not all courses may be available at all schools.

Visual Arts

Design

Course Number(s): 05154G1011
 Open to: 9, 10, 11, 12
 Credit: 1
 Fees: \$20
 Prerequisite: None
 Content: This course explores the elements and principles of design through projects that may include collage, pencil, colored pencil, paint, and printmaking. Art history study will include Op Art (Optical) and Abstract art. This course is a prerequisite for all advanced classes including pottery classes.

Drawing








Course Number(s): 05156G1011
 Open to: 9, 10, 11, 12
 Credit: 1
 Fees: \$15
 Prerequisite: None
 Content: This course is an introduction to high school level drawing. Students will explore figure, contour, gesture, cartooning, and still life drawing. Proportion, perspective, shading, texture, and value scales are introduced. Art history study will include the Renaissance and Cubism. This course is a prerequisite for all advanced classes including pottery classes.

Drawing/Painting A


Course Number(s): 05155G1011
 Open to: 10, 11, 12
 Credit: 1
 Fees: \$30
 Prerequisite: Successful completion of Design and Drawing
 Content: This course explores drawing and painting at higher levels with an emphasis on original compositions. Students will work with acrylics, pen and ink, as well as other art materials. Art history topics will include Impressionism and Expressionism.

Drawing/Painting B

Course Number(s): 05155G1012
 Open to: 10, 11, 12
 Credit: 1
 Fees: \$30
 Prerequisite: Successful completion of Design and Drawing
 Content: This course explores drawing and painting at higher levels with an emphasis on original compositions. Students will work with watercolor, printmaking and other art materials. The art history focus will be Pop Art.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel

Advanced Art A & B

Course Number(s): 05157G1011, 05157G1012
Open to: 11, 12
Credit: 1 to 2
Fees: \$35
Prerequisite:  Successful completion of Drawing/Painting A or B and Teacher Approval
Content: This course includes a variety of upper level projects using a wide range of materials. It includes opportunities for independent study. This course may be taken multiple semesters.


AP Studio Art: Drawing - Advanced Placement








Course Number(s): 05172E1011, 05172E1012
Open to: 11, 12
Credit: 2
Fees: \$20 - \$200 (depending on projects)
Prerequisite: **Signed Rigor Commitment Form and Advanced Art A or B**
Content: This course has been developed to accommodate students who have expressed interest in completing the AP Drawing Portfolio Exam. Through direct teacher instruction, emphasis will be placed on the production of a volume of quality pieces of artwork. Students will address all three sections of the portfolio: Breadth, Concentration, and Quality. Students will be challenged to develop their own personal work.

AP Studio Art: 2-D Design – Advanced Placement

Course Number(s): 05171E1011, 05171E1012
Open to: 11, 12
Credit: 2
Fees: \$20 - \$200 (depending on projects)
Prerequisite: **Signed Rigor Commitment Form and Advanced Art A or B**
Content: This course has been developed to accommodate students who have expressed interest in completing the AP 2-D Design Portfolio Exam. It is designed for students who are seriously interested in the practical experience of art and wish to develop mastery in the concept, composition, and execution of their ideas. Students will address all three sections of the portfolio: Breadth, Concentration, and Quality. Students will be challenged to develop their own personal work.

Pottery I

Course Number(s): 05159G1011
Open to: 10, 11, 12
Credit: 1
Fees: \$30
Prerequisite:  Successful completion of Design and Drawing
Content: This course explores various design elements and principles with regard to three-dimensional projects. Materials explored include clay and glaze. Students will be introduced to three-dimensional art from ancient to modern times. Careers in pottery and pottery related fields are introduced.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Pottery II

Course Number(s): 05159G1031

Open to: 10, 11, 12

Credit: 1

Fees: \$30

Prerequisite: Successful completion of Pottery I

Content: This course will continue to develop and apply pottery skills introduced in Pottery I. Advanced techniques in construction, throwing, hand-building and decoration of three-dimensional projects will be introduced. As the course continues, students will complete more difficult and complex projects. Careers in pottery and pottery related fields are introduced.

Advanced Pottery A & B

Course Number(s): 05159G1021, 05159G1022

Open to: 11, 12

Credit: 1 to 2

Fees: \$20-\$35 (depending on project chosen)

Prerequisite: Successful completion of Pottery I and II

Content: This course includes a variety of upper level projects using a wide range of materials with clay. It includes opportunities for independent study. This course may be taken multiple times.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep




Students provide their own transportation




Travel

World Languages


American Sign Language I A & B

Course Number(s): 06801G1011, 06801G1012
 Open to: 9, 10, 11, 12
 Credit:  2
 Fees: None
 Prerequisite: None
 Content: This class introduces the student to basic American Sign Language conversation, vocabulary, and grammar. The history and culture of American Sign Language will also be addressed. The course will be taught through an immersion model using American Sign Language as the target language. Conversation in American Sign Language is encouraged and expected.


American Sign Language II A & B








Course Number(s): 06801G1021, 06801G1022
 Open to: 10, 11, 12
 Credit:  2
 Fees: None
 Prerequisite: Successful Completion of American Sign Language I A & B
 Content: This full year course will continue to introduce new vocabulary, ASL grammar, and sentence structure building on year one skills and concepts. Students will also be introduced to Deaf history and culture. The course will be taught through an immersion model using American Sign Language as the target language. Conversation and instruction will take place using the target language.

American Sign Language III A & B

Course Number(s): 06801G1031, 06801G1032
 Open to: 11, 12
 Credit:  2
 Fees: None
 Prerequisite: Successful Completion of American Sign Language II A & B
 Content: This course is a comprehensive study of American Sign Language (ASL) linguistics. Students will learn to critically analyze the structure, foundation, and grammar of ASL. Students will also be introduced to Deaf history and culture in the United States from the **early 1700's to the present including information about famous Deaf Americans and events that shaped our current Deaf culture.**

Chinese I A & B

Course Number(s): 06401G1011, 06401G1012
 Open to: 9, 10, 11, 12
 Credit:  2
 Fees: \$14-\$18 if a workbook is required
 Prerequisite: None
 Content: This class introduces students to basic Mandarin Chinese through conversation, vocabulary, writing skills, history, and culture. This class will be offered based on enrollment and availability of instructor.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel

Chinese II A & B

Course Number(s): 06401G1021, 06401G1022
Open to: 10, 11, 12
Credit: 2
Fees: \$14-\$19 if a workbook is required
Prerequisite: Successful Completion of Chinese I A & B
Content: This class will continue to introduce and reinforce Mandarin Chinese building on year one skills and concepts. Conversation, vocabulary, writing skills, history and culture will be emphasized.

Chinese III A & B

Course Number(s): 06401G1031, 06401G1032
Open to: 11, 12
Credit: 2
Fees: \$15-\$25 if a workbook is required
Prerequisite: Successful Completion of Chinese II A & B
Content: This course emphasizes Mandarin conversation, vocabulary, advanced grammar, reading, writing, history and culture.

French I A & B








Course Number(s): 06121G1011, 06121G1012
Open to: 9, 10, 11, 12
Credit: 2
Fees: \$16 - \$21 if a workbook is required
Prerequisite: None
Content: This class emphasizes French conversation, vocabulary, grammar, history, and culture.

French II A & B

Course Number(s): 06122G1011, 06122G1012
Open to: 9, 10, 11, 12
Credit: 2
Fees: \$19 - \$24 if a workbook is required
Prerequisite: Successful Completion of French I A & B
Content: This class emphasizes French conversation, vocabulary, grammar, history, and culture.

French III A & B

Course Number(s): 06123G1011, 06123G1012
Open to: 10, 11, 12
Credit: 2
Fees: \$15 - \$20 if a workbook is required
Prerequisite: Successful Completion of French II A & B
Content: This course involves an extensive review of basic grammar, introduction of remaining verb tenses, reading, writing, and conversation skills.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

French IV A & B

Course Number(s): 06124G1011, 06124G1012
Open to: 11, 12
Credit: 2
Fees: none
Prerequisite: Successful Completion of French III A & B
Content: Students are expected to work extensively on their own with novels and other French literature to prepare students for advanced placement in college courses.

German I A & B

Course Number(s): 06201G1011, 06201G1012
Open to: 9, 10, 11, 12
Credit: 2
Fees: \$20 if a workbook is required or \$15 for cultural activities and field trips (Schools determine which fee to include in course description book.)
Prerequisite: None
Content: This class introduces the student to basic German conversation, vocabulary, grammar, history and culture. Cultural activities, including German crafts and authentic culinary experiences will enhance understanding of the German culture. Conversation in German is encouraged. Frequent written homework is required.

German II A & B

Course Number(s): 06202G1011, 06202G1012
Open to: 10, 11, 12
Credit: 2
Fees: \$20 if a workbook is required or \$15 for cultural activities and field trips (Schools determine which fee to include in course description book.)
Prerequisite: Successful Completion of German I A & B
Content: This class emphasizes German conversation, vocabulary, structure, reading, writing, culture, and history. Cultural activities, including German crafts and authentic culinary experiences will enhance understanding of the German culture. Conversation in German is encouraged. Frequent homework is required.

German III A & B

Course Number(s): 06203G1011, 06203G1012
Open to: 11, 12
Credit: 2
Fees: \$20 if a workbook is required or \$15 for cultural activities and field trips (Schools determine which fee to include in course description book.)
Prerequisite: Successful Completion of German II A & B
Content: Extensive review of basic grammar and introduction of remaining verb tenses is emphasized; reading, writing, and conversation skills. Cultural activities, including German crafts and authentic culinary experiences will enhance understanding of the German culture.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

German IV A & B

Course Number(s): 06204G1011, 06204G1012
Open to: 12
Credit: 2
Fees: \$15 for cultural activities and field trips
Prerequisite: Successful Completion of German III A & B
Content: This course will prepare students for advanced placement in college courses. They will read and discuss literature, view films, and listen to interviews and dramas. All conversation, writing, and class discussion will be in German. Cultural activities, including German crafts and authentic culinary experiences will enhance understanding of the German culture.

Japanese I A & B

Course Number(s): 06421G1011, 06421G1012
Open to: 9, 10, 11, 12
Credit: 2
Fees: \$27-\$32 if a workbook is required
Prerequisite: none
Content: This class introduces the student to basic Japanese conversation, vocabulary, writing skills (hiragana, katakana, and kanji), grammar, history, and culture.

Japanese II A & B

Course Number(s): 06421G1021, 06421G1022
Open to: 9, 10, 11, 12
Credit: 2
Fees: \$23 - \$28 if a workbook is required
Prerequisite: Successful Completion of Japanese I A & B
Content: This class emphasizes Japanese conversation, writing skill (hiragana, katakana, and kanji) vocabulary, grammar, history, and culture.

Japanese III A & B

Course Number(s): 06421G1031, 06421G1032
Open to: 11, 12
Credit: 2
Fees: \$29 - \$34 if a workbook is required
Prerequisite: Successful Completion of Japanese II A & B
Content: This class emphasizes Japanese conversation, vocabulary, advanced grammar, reading, writing, history and culture. Students are required to know how to write in hiragana, katakana, and some kanji. Frequent homework is required.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation




Travel


Japanese IV A & B

Course Number(s): 06421G1041, 06421G1042
Open to: 12
Credit:  2
Fees: None
Prerequisite:  Successful Completion of Japanese III A & B
Content:  Students will continue to improve Japanese verbal, listening, writing, reading, and grammatical skills acquired in preceding Japanese courses. Mastery of hiragana, katakana, and some kanji is required.


AP Japanese Language and Culture A & B – Advanced Placement

Course Number(s): 06422E1011, 06422E1012
Open to: 11, 12
Credit:  2
Fees: None
Prerequisite: **Signed Rigor Commitment Form required**
Content: This course will prepare students to take the AP Japanese exam by focusing on communicative Japanese and Japanese culture as outlined by the College Board (AP) guidelines.

Latin I A & B

Course Number(s): 06301G1011, 06301G1012
Open to:  9, 10, 11, 12
Credit: 2
Fees: None
Prerequisite: None
Content: This class introduces the student to Latin phonology, morphology, and syntax, as well as vocabulary with emphasis on English derivatives. Students will acquire a working vocabulary of about 500 words. The course pursues Roman culture and history with the emphasis on art, architecture, mythology, daily life and archeology. The aim of the course is to foster precision in the use of words. Students will become acquainted with the Latin grammar system, which is directly transferable to English course work. Daily memorization and frequent written homework is required.

Latin II A & B

Course Number(s): 06301G1021, 06301G1022
Open to:  10, 11, 12
Credit: 2
Fees: None
Prerequisite: Successful Completion of Latin I A & B
Content: In this course, students will continue grammar and syntax sequence from Latin I A & B. Focus begins on close and careful reading of Latin text and building reading accuracy. The aim of the course is that student awareness of grammatical structures will continue to increase, which will transfer into improved English writing. Students will focus primarily on translations of Roman authors such as Livy and Pliny the Elder – moving from adapted text to authentic text as the year progresses. Students will study and research the Roman monarchical to early Republican periods of history, as well as explore more complex tales of mythology. Daily memorization and frequent written homework is required.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

Latin III A & B

Course Number(s): 06301G1031, 06301G1032
Open to: 11, 12
Credit: 2
Fees: None
Prerequisite: Successful Completion of Latin II A & B
Content: Students will continue the development of their abstract thinking as they tackle more complex and convoluted grammatical structures in authentic Latin literature. Students will complete the acquisition of advanced grammar and syntax, building on the first two years of Latin. The aim of the course is to build reading fluency using translations of ancient authors such as Caesar, Livy, Sallust, Pliny, and Ovid. Students will study and research the late Roman Republic to the early imperial period, with a focus on political and military history. Daily memorization and written homework is required.

Latin IV A & B

Course Number(s): 06301G1041, 06301G1042
Open to: 12
Credit: 2
Fees: None
Prerequisite: Successful Completion of Latin III A & B
Content: **Students will read and translate from Latin to English and read ancient authors (Virgil's *Aeneid*, Ovid's *Metamorphos*, Catullus' poems, Horace's poems and satires, Juvenal's satires, etc.).** Students will use translating skills gleaned from the first three years of Latin.

Spanish I A & B








Course Number(s): 06101G1011, 06101G1012
Open to: 9, 10, 11, 12
Credit: 2
Fees: \$10 - \$15 if a workbook is required
Prerequisite: none
Content: This class introduces the student to basic Spanish conversation, vocabulary, grammar, history, and culture. Conversation in Spanish is encouraged. Frequent homework is required.

Spanish II A & B

Course Number(s): 06102G1011, 06102G1012
Open to: 9, 10, 11, 12
Credit: 2
Fees: \$10-\$15 if a workbook is required
Prerequisite: Successful Completion of Spanish I A & B
Content: This class emphasizes Spanish conversation, vocabulary, structure, reading, writing, culture, and history. Conversation in Spanish is encouraged. Frequent homework is required.

Spanish III A & B

Course Number(s): 06103G1011, 06103G1012
Open to: 10, 11, 12
Credit: 2
Fees: \$10-\$15 if a workbook is required
Prerequisite: Successful Completion of Spanish II A & B
Content: This class involves an extensive review of all basic grammar, and introduces remaining verb tenses. Reading, writing and speaking skills are heavily stressed. The culture of Spanish speaking nations is explored in greater depth.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

Spanish IV A & B








Course Number(s): 06104G1011, 06104G1012
Open to: 11, 12
Credit: 2
Fees: None
Prerequisite: Successful Completion of Spanish III A & B
Content: This class emphasizes reading, writing, and speaking. Students are expected to work extensively on their own. Novels and other Spanish literature prepare students for advanced placement in college courses.

Spanish V A & B

Course Number(s): 06105G1011, 06105G1012
Open to: 12
Credit: 2
Fees: None
Prerequisite: Successful Completion of Spanish IV A & B
Content: This class is taught completely in Spanish and students are expected to use it exclusively. Emphasis is placed on advanced reading, writing, and speaking through individual studies of Hispanic literature. Students prepare to enter advanced Spanish courses at the college level following graduation.

AP Spanish Language I & II – Advanced Placement

Course Number(s): 06112E1011, 06112E1012
Open to: 12
Credit: 2
Fees: None
Prerequisite: **Signed Rigor Commitment Form**
Content: AP Spanish Language is intended for students who wish to develop proficiency and integrate acquired language skills, using authentic materials and sources. The course will focus on listening, speaking, reading, and writing at an advanced level. It will help prepare students to demonstrate their level of Spanish across three communicative modes: Interpersonal, Interpretive, and Presentational. Students should be prepared to spend significant time outside of class preparing for this class.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel



Idaho Division of
Professional-Technical
Education

PROFESSIONAL-TECHNICAL MAGNET PROGRAMS

Professional-Technical (PT) magnet programs are high-end sequenced career-training classes that lead to industry certifications, college credit, and feature internship experiences for students. Professional-Technical magnet programs are designed to serve students attending multiple high school attendance zones. Students travel to and from their home high school to one of three technical centers.

Meridian Professional-Technical Center

1900 West Pine Avenue, Meridian, ID 83642

Agriculture, Welding/Fabrication & National Resources Magnet

- Animal Science
- Botany
- Welding/Fabrication & Mechanical

Automotive Services Magnet

- Automotive Technology
- Collision Repair

Construction Magnet

- Masonry

Dennis Technical Center

8201 W. Victory Road, Boise, ID 83709

- Automotive Technology
- Collision Repair
- Commercial Graphic Design
- Electronics Technology
- Precision machining
- Small Business Ownership
- Welding and metal Fabrication

Information Technology Courses

- Computer Technology I A & B
- Computer Networking Basics
- Network Administration
- IT Internship-Network & Computer Support
- Fundamentals of Web Design

ADA Professional-Technical Center

(located in Renaissance High School)

1307 E. Central Drive, Meridian, ID 83642

Architecture & Construction Magnet

- Design
 - Architectural Drafting
 - Civil Engineering & Architecture
- Construction
 - Residential Construction
- Digital Home Technology Integration (DHTI+)

Culinary Arts Magnet

- Advanced Culinary Arts

Health Science Magnet

- Medical Terminology
- Health Professions & CNA II
- Pharmacy Tech
- EMT Basic (opening pending)

Police, Fire & Emergency Services Magnet

- Law Enforcement, Detention & Corrections
- Fire Services & Emergency Services

Pre-Engineering Magnet

- Computer Integrated Manufacturing
- Digital Electronics
- Civil Engineering and Architecture
- Aerospace Engineering
- Engineering Design and Development

Learn more about Professional-Technical program options including transportation information and FAQs at www.meridianschools.org.
(At the website, go to *School Choice*, then *Professional-Technical Programs*.)

Meridian Professional-Technical Center
1900 West Pine Avenue
Meridian, ID 83642
(208) 350-4176

**Agriculture, Welding/Fabrication & Natural Resources
Magnet**

- Animal Science Pathway
- Botany Pathway
- Welding/Fabrication & Mechanical Pathway



Automotive Services Magnet

- Automotive Technology Pathway
- Collision Repair Pathway



Construction

- Masonry

Learn more about Professional-Technical program options including transportation information and FAQs at www.meridianschools.org. (At the website, go to *School Choice*, then *Professional-Technical Programs*.)

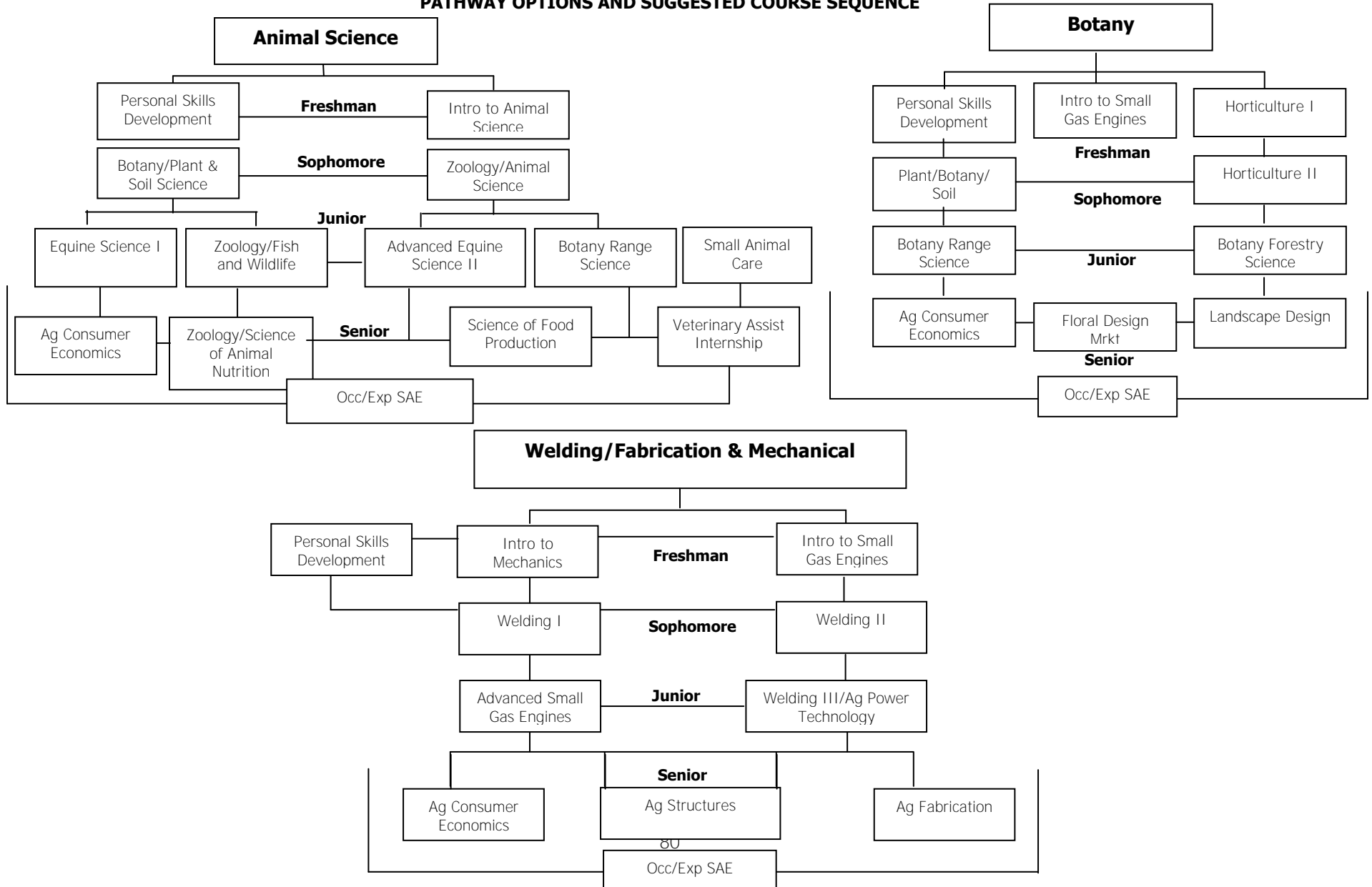


**Agriculture, Welding/Fabrication & Natural Resources Magnet
Meridian Professional-Technical Center
1900 West Pine Street, Meridian**



The Agriculture, Welding/Fabrication & Natural Resources Magnet, located at the Meridian Professional-Technical Center, is open to qualified students attending all schools in the Meridian School District.

PATHWAY OPTIONS AND SUGGESTED COURSE SEQUENCE



Agriculture, Welding/Fabrication & Natural Resources Magnet

*Qualified students will be able to enroll in designated classes with instructor permission.
FFA is the Leadership Model that will be suggested for all students in the Agricultural Science and
Technology Magnet.*

AG 410 – Personal Skills Development – Taught at Centennial

Course Number(s): 18203T1011

Open to: 9, 10, 11, 12

Credit: 1

Fees: None

Prerequisite: None

Content: This course focuses on developing agricultural leadership, citizenship, and cooperation and **fulfills the speech graduation requirement**. Includes topics in personal growth, parliamentary procedure, public speaking, interpersonal communication, job skills, and career exploration. The FFA organization is used as a model for instruction. Students interested in participating in the FFA are strongly encouraged to take this course. College credit available for 11 and 12 grade students only.

HS Speech Credit

AG 475 – Advanced Leadership in Agriculture & Marketing– Meridian Professional-Technical Center

Course Number(s): 18203T1021

Open to: 10, 11, 12

Credit: 1

Fees:  None

Prerequisite: Successful Completion of Personal Skills Development

Content: A course designed to build upon leadership skills learned in Personal Skills Development, such as Program of Activities, FFA committee work, special projects, community service and internship opportunities. The skills learned are necessary to gain and maintain employment in the wholesale/retail agriculture sales field.

AG 660 – Consumer Economics/Agricultural Business and Economics – Meridian Professional-Technical Center


Course Number(s): 18201T1011

Open to:  11, 12








Credit: 1 (Meets Economics Requirement)

Fees: None

Prerequisite: None

Content:  Recommended for all Professional Technical students. This course introduces the student to agribusiness management in the free enterprise system. The course includes economic principles, budgeting, record keeping, finance, decision-making, risk management, business law, marketing and careers in agribusiness.

HS Economic Credit


	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel

ANIMAL SCIENCE PATHWAY


AG 140 – Introduction to Animal Science (Course taught at some Home High Schools)

Course Number(s): 18101T101
Open to: 9, 10, 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: This course will introduce basic concepts and principles of animal nutrition, health, behavior, reproduction, and careers. Companion animals, livestock, and wildlife will be used to illustrate and reinforce the course objectives. Guest speakers, group projects, laboratory activities, and other interactive instructional methods will be employed to provide students opportunities to apply classroom learning. **This course is required for all Animal Science classes.**


AG 530 – Zoology/Animal Science (Course taught at some Home High Schools)








Course Number(s): 18101T1021
Open to: 10, 11, 12
Credit: 1
Fees:  None
Prerequisite: Successful completion of Intro to Animal Science and Botany/Plant and Soil Science or another Botany course is recommended. This course is also a prerequisite for AG 538 Small Animal Care and AG 590 Veterinary Assistant Internship
Content: This course develops knowledge and skills pertaining to nutrition, reproduction, diseases, breeding, genetics, anatomy, and physiology in livestock. In addition, there will be study of the meat industry (terminology, grading, identification and selection of beef, pork, and lamb).

AG 536 – Zoology/Fish and Wildlife Management – Meridian Professional-Technical Center


Course Number(s): 18501T1011
Open to: 11, 12
Credit: 1
Fees:  None
Prerequisite: Successful completion of Intro to Animal Science and the Personal Skills Development course is recommended.
Content: This course examines the importance of fish & wildlife science, outdoor recreation and natural resources. Students will learn about careers in Fish & Wildlife Service and Fish and Game while learning about sustaining the resource.

AG 532 – Zoology/Science of Animal Nutrition – Meridian Professional-Technical Center


Course Number(s): 18105T1011
Open to: 11, 12
Credit: 1
Fees:  None
Prerequisite: Successful completion of Intro to Animal Science and the Personal Skills Development course is recommended.
Content: This course is designed to provide learning experiences for students in the areas of animal nutrition, cell structures and physiology. This course is designed to provide learning experiences for students in the areas of animal nutrition, cell structures and physiology. Students will learn the basics of feeds and feeding, feed formulation, and feed production for all livestock.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel


AG 570 – Equine Science I – Meridian Professional-Technical Center

Course Number(s): 18104T1011
Open to: 10, 11, 12
Credit: 1
Fees:  None
Prerequisite: Successful completion of Zoology/Animal Science
Content: This course provides science and practical management instruction in the care of horses. The applied science curriculum component focuses on physiology, anatomy, nutrition, genetics, health and reproduction.


AG 571 – Advanced Equine Science II – Meridian Professional-Technical Center








Course Number(s): 18104T1021
Open to: 11, 12
Credit: 1
Fees:  None
Prerequisite: Successful completion of Equine Science I
Content: This course provides advanced instruction for students with an interest in pursuing the equine industry as a career. Evaluation and selection will be emphasized.

AG 550 – Science of Food Production – Meridian Professional-Technical Center


Course Number(s): 18305T1011
Open to: 11, 12
Credit: 1
Fees:  None
Prerequisite: Instructor Approval
Content: This course is an applied Science course in the science of food production, processing, transporting, storage, toxicology and quality control. Students apply the scientific method of discovery as they study the biological and chemical basis of food preparation, processing and preservation. Students develop writing and critical thinking skills through data collection, laboratory procedures, science-based experimentation, and written lab reports. This course focuses primarily on the food processing industry and may be used as a companion course to the Family and Consumer Sciences course in Food Science.

AG 538 - Small Animal Care – Meridian Professional-Technical Center

Course Number(s): 18102T1011
Open to: 11, 12
Credit: 1
Fees:  None
Prerequisite: Successful Completion of Introduction to Animal Science and AG 530 Zoology/Animal Science
Content: This course is open to juniors and seniors interested in pursuing a career in the field of veterinary medicine. Students will learn proper medication procedures, care and handling techniques, documentation standards, signs and symptoms, breeds and animal systems, and foods and nutrition needs for the care of small animal behavior and illness. Certified Pet Care Technician and a Red Cross Pet First Aide Certification will be offered.



	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

AG 590 - Veterinary Assistant Internship – Meridian Professional-Technical Center


Course Number(s): 18997T1011
Open to: 12
Credit: 1
Fees: None
Prerequisite: Successful Completion of AG530 Zoology/Animal Science, AG 538 Small Animal Care and instructor approval.
Transportation:  Students **MUST** provide own transportation.
Content: This course will allow students hands-on real life experience in the field of veterinary medicine. Students will assist local veterinarians with lab work, dental care, surgery preparation, and the sanitation of prep, surgery, recovery and exam rooms. Interviews will help to indicate site selection.

BOTANY PATHWAY


AG 510 – Botany/Plant and Soil Science (Course taught at some Home High Schools)








Course Number(s): 18051T1011
Open to: 10, 11, 12
Credit:  1
Fees: None
Prerequisite: Successful completion of Introduction to Animal Science and/or Personal Skills Development or Instructor Approval
Content:  This course examines soil and plant relationships that affect the production of food and fiber. Topics include soil science, plant anatomy, growth, and development; basic plant processes; identification of plants and weed pests; integrated pest management and weed control.

AG 518 – Botany Range Science – Meridian Professional-Technical Center

Course Number(s): 18504T1011
Open to: 10, 11, 12
Credit:  1
Fees: None
Prerequisite: None
Content: This course acquaints students with principles of conservation, national resources, ecology and stewardship in range science. Students will learn to evaluate the quality of resource, environmental concerns involving rangeland management, and factors to consider for improvement.

AG 516 – Botany Forestry Science – Meridian Professional-Technical Center

Course Number(s): 18052T1021
Open to: 11, 12
Credit:  1
Fees: None
Prerequisite: A Botany class is recommended.
Content: This course introduces students to the biological, ecology, and conservation concepts encountered in a temporal forest environment. Natural resource management practices will be explored while techniques in evaluation will be explained. Identification of tree and plant species will also be a part of this course.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

AG 514 – Horticulture I/Botany (Course taught at some Home High Schools)


Course Number(s): 18052T1011

Open to: 9, 10, 11, 12

Credit: 1

Fees: None

Prerequisite: None

Content:  This course prepares students to produce greenhouse/nursery plants and to maintain plant growth and propagation structures. Students study soil media, plant identification, growth and processes, green house management, fertilizer, plant pests, diseases, and care of seedling. Landscaping basics are also a part of this course.



AG 512 – Horticulture II/Science of Plant Growth and Development (Course taught at some Home High Schools)


Course Number(s): 18051T1021

Open to: 9, 10, 11, 12

Credit: 1

Fees: None

Prerequisite: Successful completion of Horticulture I/Botany

Content:  This course examines the importance of plant cell structure, functions of cells, plant processes, nonvascular plants, vascular plants, roots, stems, leaves, flowers and reproduction/propagation of plants in the context of greenhouse and nursery production. Landscape design is also a component.




AG 335 – Floral Design and Marketing – Meridian Professional-Technical Center

Course Number(s): 18056T1011

Open to: 11, 12

Credit: 1

Fees: None

Prerequisite:  Successful completion of Horticulture I/Botany and Horticulture II/Science of Plant Growth and Development

Content: This course develops skills in floriculture and the techniques used to develop and complete a variety of retail items normally sold in a retail florist business. The skills learned are necessary to gain and maintain employment in the retail florist industry.


AG 330 – Landscape Design – Meridian Professional-Technical Center

Course Number(s): 18056T1021








Open to: 11, 12

Credit: 1

Fees: None

Prerequisite:  Successful completion of Horticulture I/Botany and Horticulture II/Science of Plant Growth and Development




Content: This course prepares students to design, construct and maintain planted areas and devices for the beautification of home grounds and other areas of human habitation and recreation. Students will learn concepts associated with landscape maintenance, design, and related technologies.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel




WELDING PATHWAY

Centennial High students will travel to the Dehryl A. Dennis Technical Center for these classes.





AG 210 –Welding I – Meridian Professional-Technical Center








Course Number(s): 18404T1011
Open to: 10, 11, 12
Credit: 1
Fees:  \$30 for safety glasses, gloves, and supplies - Students must provide coveralls and pliers. Welding gloves and glasses can be purchased through the Agriculture department.
Prerequisite:  None
Content:  This course develops skills in Arc and Oxy-Acetylene welding and the processes that deal with the joining of metal for the agricultural industry. Students must pass an introductory welding and safety exam with a minimum score of 70% before they are allowed in the shop.

AG 211 – Welding II – Meridian Professional-Technical Center

Course Number(s): 18404T1021
Open to: 10, 11, 12
Credit: 1
Fees:  \$30 for supplies - Students must provide coveralls and pliers.
Prerequisite:  Successful completion of Welding I
Content:  This advanced welding course includes: advanced stick-arc welding; advanced oxy-acetylene welding; MIG welding; TIG welding; metal types and identification; metal surfacing; soldering; and cold metal working. Students are required to pass an entrance exam with a 70% or higher.

AG 231 –Welding III/Agricultural Power Technology A & B – Meridian Professional-Technical Center

Course Number(s): 18404T1031, 18404T1032
Open to: 11, 12
Credit: 2
Fees:  \$25 per each semester for supplies - Students must provide safety glasses and coveralls. Glasses may be purchased through the department for \$5 or purchased on their own.
Prerequisite:  Successful completion of Welding II or Instructor Permission
Transportation:  Students may need to provide their own transportation to this course.
Content:  This course familiarizes students with basic mechanical theory and skills in the welding industry. Students will be given the opportunity to certify in certain skills in welding and will be expected to learn blueprint reading. This course develops skills in selection, operation and maintenance of small air-cooled engines, multi-cylinder engines, hydraulics, electric motors, and agricultural machinery and tractors. Basic wiring techniques will be **emphasized with instruction including ohm's law, basic circuitry, electric motors, electrical code and irrigation.**

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

AG 240 – Welding IV/Agricultural Fabrication A & B – Meridian Professional-Technical Center

Course Number(s): 18405T1011, 18405T1012

Open to: 12

Credit: 1 to 3 (Student can take 1 credit in the Fall and 1-2 credits in the Spring)

Fees: \$25 per semester for supplies

Prerequisite: Successful completion of Welding II and III or Instructor Approval

Transportation:  Students may need to provide their own transportation to this course.

Content: This course maintains, evaluates, designs, and builds agriculture structures using approved construction techniques with an emphasis on surveying and building industry materials. This course also covers planning, assembly, and construction of accepted equipment, machinery, and building of projects. It is designed to continue the learning process of structures and welding for the advanced student. Welding certification through the American Welding Society will be offered.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep




Students provide their own transportation




Travel

MECHANICAL PATHWAY



AG 130 – Introduction to Mechanics– Meridian Professional-Technical Center and/or Rocky Mountain High School








Course Number(s): 18401T1011
Open to: 9, 10, 11, 12
Credit: 1
Fees:  \$15 lab fee for safety glasses and supplies
Prerequisite: None
Content: A course designed to familiarize the student with the basic mechanical theory and skills. Students will develop skills in the following areas of Carpentry, Electricity, Plumbing, Fencing, Painting and Metal Working. Emphasis will be placed on safety and proper use of tools and equipment.

AG 221 – Introduction to Small Gasoline Engines (Course taught at some Home High Schools)

Course Number(s): 20110T1011
Open to: 9, 10, 11, 12
Credit: 1
Fees:  \$15 for the cost of parts for engines, safety glasses and supplies. Students must provide a shop coat or coveralls.
Prerequisite: None
Content: This course is designed to develop skills in selection, operation and maintenance of small air-cooled engines. Students are required to pass a safety exam with a 70% or higher. Instruction will include the theory of ignition, carburetion, and compression; use of measuring tools; parts i.d.; and ordering parts.

AG 223 – Advanced Small Gasoline Engines A & B – Meridian Professional-Technical Center

Course Number(s): 20110T1021, 20110T1022
Open to: 11, 12
Credit: 2
Fees:  \$15 for safety glasses and supplies. Students must provide a shop coat or coveralls.
Prerequisite:  Successful completion of Introduction to Small Gasoline Engines
Content: This course covers the theory of operation along with actual hands on experience. Students will demonstrate applied techniques in the repair and maintenance of 2 and 4 cycle small engines provided by students and the community.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel








Summer Classes and Internships

AG 9800 – Occupational and Career Experience (Cooperative Education and Land Laboratories)

Course Number(s): 18998T1011
Open to: 10, 11, 12
Credit: 1
Fees: None
Prerequisite: None
Content: This course is a community based work experience activity organized and planned to develop advanced skills necessary to gain and maintain employment. This course may encompass a broad range of paid/unpaid work experiences related to the career objectives of the student. The experiences must be supervised and monitored by the teacher. *(Note: This course must be approved on an individual program basis by the State Division.)*

AG 9900 – Occupational and Career Experience (SAE and Summer Programs) ARRANGE WITH INSTRUCTOR.

Course Number(s): 18998T1021
Open to: 10, 11, 12
Credit: 1
Fees: None
Prerequisite: FFA Membership
Content: This course is community-based instruction organized and planned to provide specialized skills unique to an occupation or industry. Students are placed in businesses which provide paid on-the-job **experience that is related to the student's primary area of study.** The experience must be supervised by the teacher and students must have a training plan.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

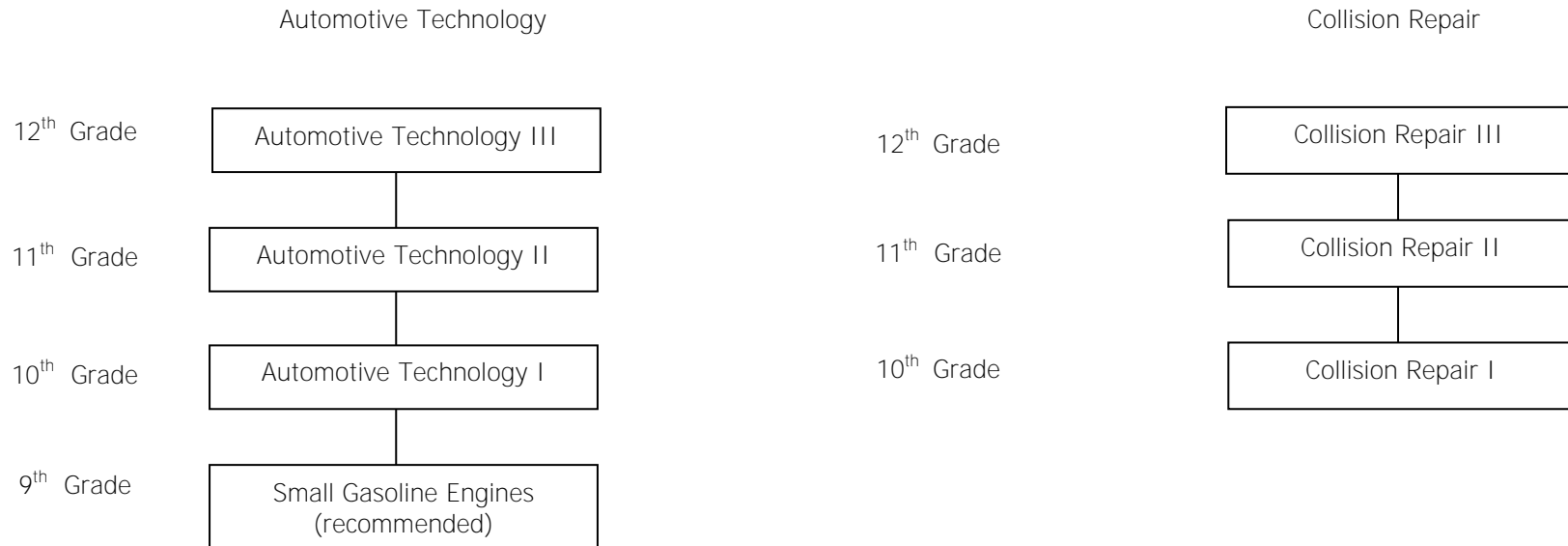


Automotive Services Magnet

**Meridian Professional-Technical Center
1900 West Pine Avenue, Meridian**

The Automotive Services Magnet, located at the Meridian Professional-Technical Center, is open to all students attending schools in the Meridian School District. Coursework taken in Automotive Technology leads to ASE National Automotive Technicians Education Foundation (NATEF) Certifications. Students completing the Collision Repair program will have opportunities to pursue certifications with I-CAR. Both programs feature school-based enterprises that provide students with service experiences with the community.


Pathway Options and Suggested Course Sequence




Automotive Technology Pathway

Centennial High Students will travel to the Dehryl A. Dennis Technical center for these classes.



Automotive Technology I– Meridian Professional-Technical Center








Course Number(s): 20103T1011
Open to: 10, 11, 12
Credit:  1
Fees: None
Prerequisite: Successful completion of Introduction to Small Gasoline Engines is recommended. See Agricultural Welding/Fabrication & Natural Resources Magnet section.
Content: This course introduces students to basic automotive technology. The students learn the technical names and location of all vehicle parts.

Automotive Technology II A & B – Meridian Professional-Technical Center

Course Number(s): 20103T2021, 20103T2022
Open to: 11, 12
Credit:  4 (2 periods daily, 2 semesters)
Fees: Glasses may be purchased from the department for \$5 or purchased on their own.
Prerequisite: Successful completion of Automotive Technology
Content: This course covers the theory of operation in the classroom with the actual work in the shop, and the evaluation of work by the students and the teacher. It is highly recommended the students purchase a basic set of hand tools for continuation into the junior and senior classes. In addition, the student needs coveralls, safety glasses, and the regular school supplies.

Automotive Technology III A & B – Meridian Professional-Technical Center


Course Number(s): 20103T2031, 20103T2032
Open to:  12
Credit: 6 (3 periods daily, 2 semesters)
Fees: Coveralls, safety glasses are required. A set of basic hand tools are highly recommended.
Prerequisite: Successful completion of Automotive Technology II A & B
Transportation:  Students **MUST** provide their own transportation to this course.
Content: This course is primarily practical application of auto diagnostics and repair in a lab setting. Classroom work continues as students advance their knowledge of Automotive Service Excellence (ASE) industry standards. Students receive training for entry level positions. This class has an articulation agreement with colleges that provide the opportunity to earn college credits.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel


Collision Repair

Centennial High Students will travel to the Dehryl A. Dennis Technical center for these classes.



Collision Repair I –Meridian Professional-Technical Center

Course Number(s): 20116T1011
Open to: 10, 11, 12
Credit: 1
Fees:  \$15 for safety glasses and gloves and students must provide coveralls and proper footwear (no open-toed shoes).
Prerequisite: None
Content: Students will learn basic skills for entry level employment in the collision repair industry. Areas of emphasis will include: careers in the collision repair trade, shop safety standards, tools used in the shop, bolt on panel replacement, basic panel repair, mixing and applying body fillers, welding and environmental concerns related to the handling of hazardous materials.

Collision Repair II A & B –Meridian Professional-Technical Center

Course Number(s): 20116T2021, 20116T2022
Open to: 11, 12
Credit: 4 (2 periods, 2 semesters)
Fees:  \$30 for paint respirator mask and students must provide coveralls and proper footwear (no open-toed shoes).
Prerequisite: Successful completion of Collision Repair I
Content: Students will focus on advanced skill development with hands-on application in the Collision Repair industry. Emphasis will be on employability skills, shop safety standards, computerized paint mixing, identification of automotive bodies, trim accessories, hand written and computerized estimating, body repair, hardware removal and repair, and basic painting and refinishing, buffing and detail. Continued emphasis will be placed on the handling of hazardous materials in the collision repair industry and tools and heavy equipment in a collision repair facility. Students have the opportunity to work on their own vehicles.

Collision Repair III A & B –Meridian Professional- Technical Center

Course Number(s): 20116T2031, 20116T2032
Open to: 12
Credit: 4 (2 periods, 2 semesters)
Fees: Students are responsible to provide coveralls, proper footwear (no open-toed shoes), safety glasses, gloves, and paint respirator mask. These items were purchased during Collision I and II. If for some reason, a student has lost or misplaced these items, they can purchase replacements from instructor.
Prerequisite:  Successful completion of Collision Repair II A & B and Instructor Approval
Transportation: Students **MUST** provide their own transportation for this course.
Content:  Students will focus on advanced skill development with hands-on application in the Collision Repair industry. Areas of emphasis will be panel replacement, computerized paint mixing and matching, waterborne base coat refinishing, plastic bumper repair and refinishing, fiberglass repair, computerized estimating, computerized frame analysis, and airbrushing. Students have the opportunity to work on their own vehicles.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep




Students provide their own transportation




Travel

Masonry


Masonry I – Meridian Professional-Technical Center








Course Number(s): 17008T2011
Open to: 10, 11, 12
Credit: 1
Fees:  None
Prerequisite: None
Content: This course introduces students to the masonry trade and prepares them to lay building materials such as brick, stone, pavers, and concrete block to construct or repair walls, and other structures. Topics include: basic safety, masonry tools and equipment, measurements, drawings and specifications, mortar, and masonry installation techniques. Leadership development will be provided through SkillsUSA.

Masonry II A & B – Meridian Professional-Technical Center

Course Number(s): 17008T2021, 17008T2022
Open to: 11, 12
Credit: 4
Fees:  None
Prerequisite: Successful completion of Masonry I
Content: This is an advanced preparation course for the masonry trade. Students will be involved in community projects, including the installation of stone/brick accents **on the district's** Habitat for Humanity home. Topics include: residential plans and drawing interpretation, residential masonry, grout and other reinforcement, metal work in masonry, advanced laying/construction techniques and moisture control, elevated work, construction inspection and quality control. Leadership development will be provided through SkillsUSA.

Masonry Summer Internship A & B – Community Construction Sites

Course Number(s): 17998T1011, 17998T1012
Open to: 12
Credit: 2 (Approximately 400 hours)
Fees: None
Prerequisite: Successful completion of Masonry II A & B and Instructor/Industry/Parent Approval
Transportation:  Students must provide own transportation
Content: Students will receive masonry training at an industry setting according to established curriculum and written agreements. Students will receive a training wage and work under the supervision of a qualified industry mentor. Paid internships cover a 10-week period of **time during the summer following the students' junior year.**

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Masonry III A & B – Meridian Professional-Technical Center

Course Number(s): 17008T2031, 17008T2032








Open to: 12

Credit: 4

Fees: None

Prerequisite:  Successful completion of Masonry II A & B and Instructor Approval

Content: This is an advanced preparation course for the masonry trade. Students will be involved **in community projects, including the installation of stone accents on the district's Habitat for Humanity home.** Topics include: residential plans and drawing interpretation, residential masonry, grout and other reinforcement, metal work in masonry, advanced laying/construction techniques and moisture control, elevated work, construction inspection and quality control. Leadership development will be provided through SkillsUSA.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

ADA Professional-Technical Center

(located in Renaissance High School)

1307 E. Central Drive

Meridian, ID 83642

(208) 350-5051

Architecture & Construction Magnet

- Design/Pre-Construction Pathway
 - Architectural Drafting
 - Civil Engineering & Architecture
- Construction Pathway
 - Residential Construction
- Digital Home Technology Integration (DHTI+ Pathway)

Culinary Arts Magnet

- Advanced Culinary Arts A & B

Health Science Magnet

- Medical Terminology
- Health Professions CNA II Pathway
- Pharmacy Tech Pathway
- EMT Basic (opening pending)

Pre-Engineering Magnet

- Computer Integrated Manufacturing A & B
- Digital Electronics A & B
- Civil Eng. & Architecture A & B
- Aerospace Engineering A & B
- Engineering Design & Development A & B

Police, Fire & Emergency Services Magnet

- Law Enforcement, Detention & Corrections Pathway
- Fire Services & Emergency Services Pathway

Students enrolled in any course described in this section may be required to take a school bus to the off-site location. Some programs do allow students to transport themselves.



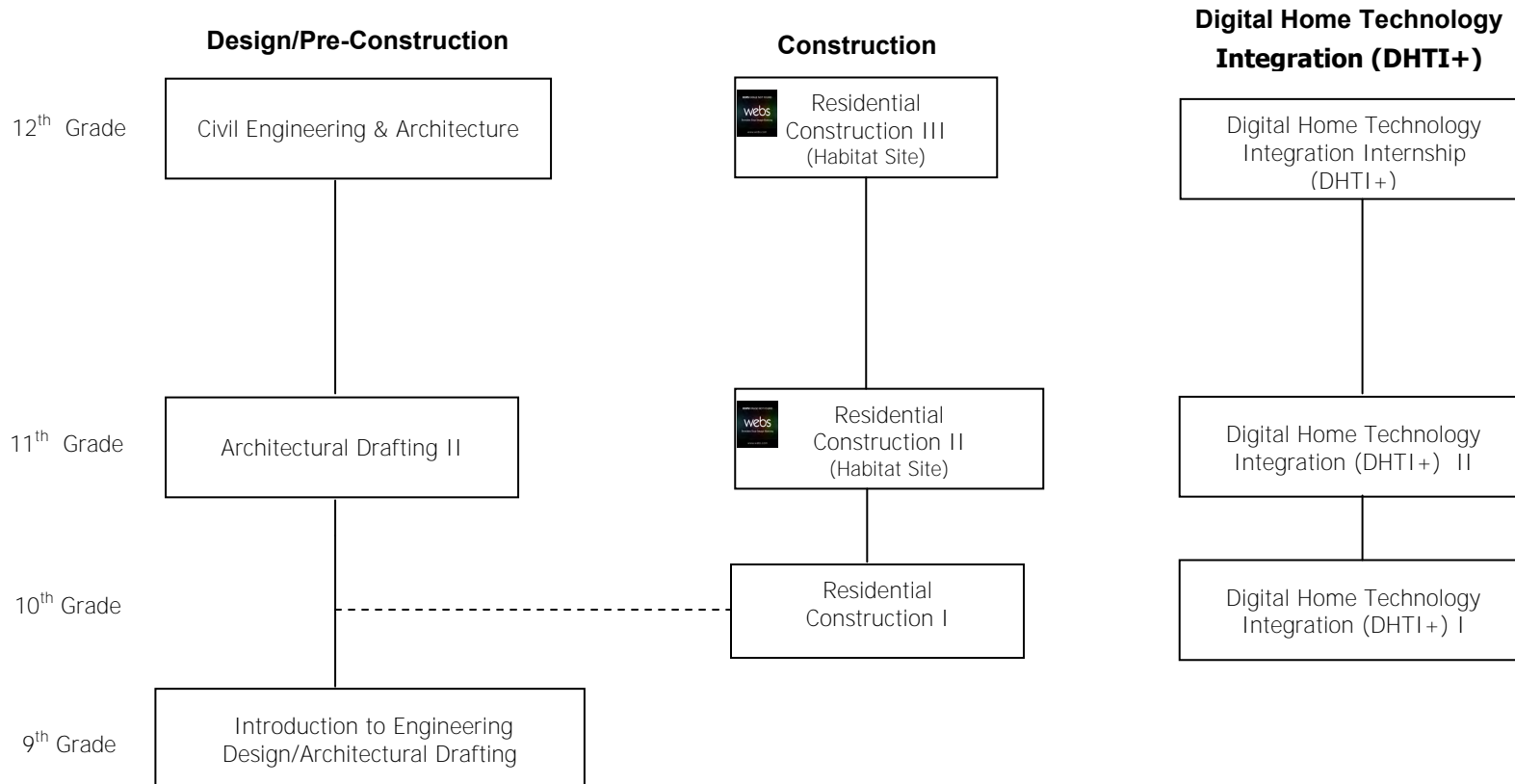


Architecture & Construction Magnet

**ADA Professional-Technical Center
1303 E. Central Drive, Meridian**

The Architecture and Construction Magnet Program, located at the ADA Professional-Technical Center, is open to all students in the Meridian School District. Coursework taken in the Architecture and Construction Magnet leads to postsecondary programs and careers in designing, constructing, and maintaining the built environment. Students can choose among three pathways: Design/Pre-Construction, Construction, and Digital Home Technology Integration. Students will participate with the Boise Valley Habitat for Humanity to design, construct, landscape, network, and manage the construction of a Habitat home for a needy family in the community.

Pathway Options and Suggested Course Sequence




Architecture & Construction Magnet



Introduction to Engineering Design/Architectural Drafting A & B – Taught at Centennial








Course Number(s): 21006T1011, 21006T1012
 Open to: 9, 10, 11, 12
 Credit: 2
 Fees: \$20
 Prerequisite: None
 Content: In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

Residential Construction I A & B – ADA Professional-Technical Center

Course Number(s): 17003T2011, 17003T2012
 Open to: 10, 11, 12
 Credit: 4
 Fees:  None
 Prerequisite: None
 Content: This course develops knowledge and skills in basic safety, blueprint reading, building materials, proper use of hand and power tools, construction math, and basic rigging. Students will build a storage shed and be exposed to aspects of designing and constructing a Habitat for Humanity home.

Architectural Drafting II A & B – ADA Professional-Technical Center


Course Number(s): 21103T2011, 21103T2012
 Open to: 10, 11, 12
 Credit:  4
 Fees: \$20
 Prerequisite: Successful completion of Introduction to Engineering Design/Architectural Drafting A & B and Residential Construction I A & B is recommended, but not required.
 Content:  This course focuses on developing design and drafting skills to prepare students for postsecondary studies in mechanical architectural design. Skills to be taught include geometric construction, descriptive geometry, and increasing skills in AutoCAD. In depth projects in residential architectural design further increase skills and knowledge in AutoCAD and Revit design software.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel


Civil Engineering and Architecture A & B – ADA Professional-Technical Center








Course Number(s): 21012T2011, 21012T2012
Open to: 11, 12
Credit:  4
Fees: \$20
Prerequisite: Successful completion of Introduction to Engineering Design/Architectural Drafting A & B. Principles of Engineering A & B is highly recommended, but not required.
Content: The major focus of this course is completing long-term projects that involve the development of property sites. As students learn about various aspects of civil engineering and architecture, they apply what they learn to the design and development of a property. Students work in teams, exploring hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, students use 3D design software to help them design solutions to solve major course projects. Students learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community of civil engineering and architecture.

Residential Construction II A & B – Habitat for Humanity Construction Site


Course Number(s): 17003T2021, 17003T2022
Open to: 11, 12
Credit: 4
Fees:  None
Prerequisite: Successful completion of Residential Construction I A & B or Instructor Approval
Transportation: Students must use transportation provided.
Content: Students will construct a home in conjunction with Boise Valley Habitat for Humanity. Skills taught include: framing of floor, walls and roof, installation of roofing materials, siding, windows, doors, drywall, cabinets, and painting. Students will engage in solving practical mathematic problems common to the carpentry trade. Leadership development will be provided through SkillsUSA.

Residential Construction Summer Internship A & B – Community Construction Sites


Course Number(s): 17048T1011, 17048T1012
Open to: 12
Credit: 2 (Approximately 400 hours)
Fees: None
Prerequisite: Successful completion of Residential Construction II A & B and Instructor/Industry/Parent approval
Transportation:  Students must provide own transportation.
Content: Students will learn construction trades training at an industry setting according to established curriculum and written agreements. Students will receive a training wage and work under the supervision of a qualified industry mentor. Paid internships cover a 10-week period of time during the summer following the students’ junior year. Hours may count toward registered apprenticeships with the Bureau of Apprenticeship and Training.

 Concurrent Credit (Dual Credit)  IB - Renaissance  Meets Humanities Requirements
 Requires Application  Tech Prep  Students provide their own transportation  Travel


Residential Construction III A & B – Habitat for Humanity Construction Site

Course Number(s): 17003T2031, 17003T2032
Open to: 12
Credit: 4
Fees:  None
Prerequisite: Successful completion of Residential Construction II A & B or Instructor Approval
Transportation: Students must use transportation provided.
Content: Students will construct a home in conjunction with Boise Valley Habitat for Humanity. Skills taught include: framing of floor, walls and roof, installation of roofing materials, siding, windows, doors, drywall, cabinets, and painting. Students will engage in solving practical mathematic problems common to the carpentry trade. Leadership development will be provided through SkillsUSA.


Digital Home Technology Integration (DHTI+) I A & B – ADA Professional Technical Center








Course Number(s): 17109T2011, 17109T2012
Open to: 10, 11, 12
Credit: 4
Fees:  None
Prerequisite: None
Content: This course creates the foundation for designing and installing an automated home system. Primary topics include basic electricity, the purpose and need for codes and standards, high-voltage wiring fundamentals, low-voltage data and wiring, home entertainment systems, system planning, as well as rough-in, trim-out and retrofit procedures. Leadership development will be provided through SkillsUSA.

Digital Home Technology Integration (DHTI+) II A & B – ADA Professional Technical Center

Course Number(s): 17109T2021, 17109T2022
Open to: 11, 12
Credit: 4
Fees:  None
Prerequisite: Successful completion of Digital Home Technology Integration (DHTI+) I A & B
Content: This course is an advanced course leading to the NCCER Certification. Students are exposed to home lighting controls, computer networking, home security, home entertainment systems, heating ventilation and air conditioning control systems, and home systems integration. Leadership development will be provided through SkillsUSA.

Digital Home Technology Integration (DHTI+) Internship A & B

Course Number(s): 17109T2031, 17109T2032
Open to: 12
Credit: 4
Fees: None
Prerequisite: Successful completion of Digital Home Technology Integration (DHTI+) II A & B and Instructor Approval. Computer Support Essentials and Networking Basics Strongly Recommended
Transportation:  Students must provide their own transportation for this internship course.
Content: This course will allow students hands on experience in the connectivity of a Habitat for Humanity home and participation in field experiences with a community business that provides services in designing, installing, and maintaining an integrated home network.

 Concurrent Credit (Dual Credit)  IB - Renaissance  Meets Humanities Requirements
 Requires Application  Tech Prep  Students provide their own transportation  Travel

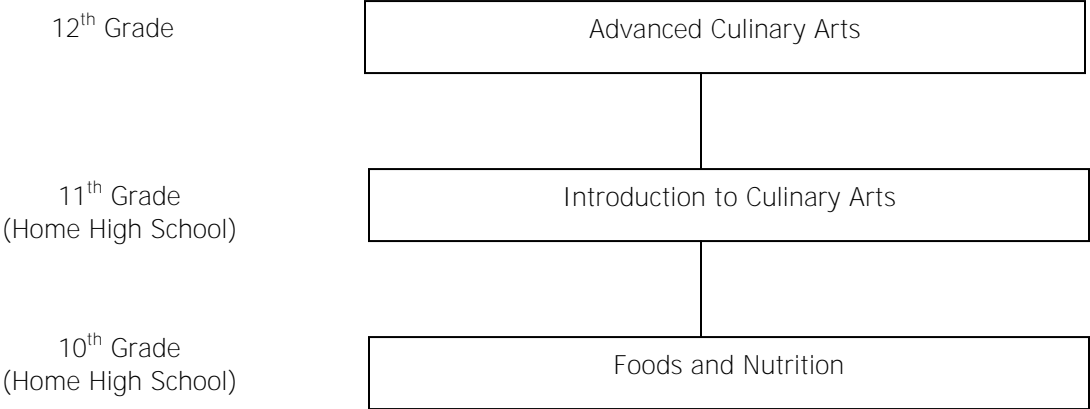


Culinary Arts Magnet

**ADA Professional-Technical Center
1303 E. Central Drive, Meridian**

The Culinary Arts Magnet, located at the ADA Professional-Technical Center, is open to 12th grade students who have completed prerequisite coursework in culinary arts at their home high schools. Students will be provided a guided, practical, in-house experience working at Café Renaissance, a student-run restaurant operation. Students will be eligible to take the ServeSafe, Certified Culinarian (CC) and the Certified Pastry Culinarian (CPC) Examinations offered by the American Culinary Federation.

Suggested Course Sequence



Culinary Arts Magnet



Foods and Nutrition – Taught at Centennial

Course Number(s): 22202T1011
Open to: 10, 11, 12
Credit: 1
Fees: \$25
Prerequisite: None
Content: This course addresses nutrition, wellness and personal lifestyle. Course content includes: food safety and sanitation, food preparation techniques, meal management skills, nutrition, and career option in nutrition and related fields. This course provides students the opportunity to earn their Ready Set Food Safe Certification. FCCLA (Family, Career and Community Leaders of America) activities are an integral part of this course.

Introduction to Culinary Arts A & B – Taught at Centennial

Course Number(s): 16055T1011, 16055T1012
Open to: 11, 12
Credit: 2
Fees: \$40
Prerequisite: Successful completion of Foods and Nutrition, Ready Set Food Safe Certification and/or Instructor Approval
Content: This course is a foundation in professional food preparation with practical application in career opportunities, reinforced basic skills, food safety and sanitation, use of commercial equipment, industrial food preparation, business management, service techniques and employability skills. FCCLA (Family, Career and Community Leaders of America) activities are an integral part of this course.

Advanced Culinary Arts A & B – ADA Professional-Technical Center

Course Number(s): 19998T2011, 19998T2012
Open to: 12
Credit: 4
Fees: \$40
Prerequisite: Introduction to Culinary Arts and Ready Set Food Safe certification. To be considered for this class, each student must receive a positive recommendation from his/her Introduction to Culinary Arts teacher. A minimum final grade of 75% must be achieved in the Introduction to Culinary Arts Class.
Transportation:  Students **must** provide their own transportation for this course.
Content:  This course is a guided, practical, in-house experience working in the district's student-run restaurant operations. Students will have the opportunity to develop skills and perform the duties required of personnel in food and beverage operations found within the restaurant industry. FCCLA (Family, Career and Community Leaders of America) activities are an integral part of this course.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

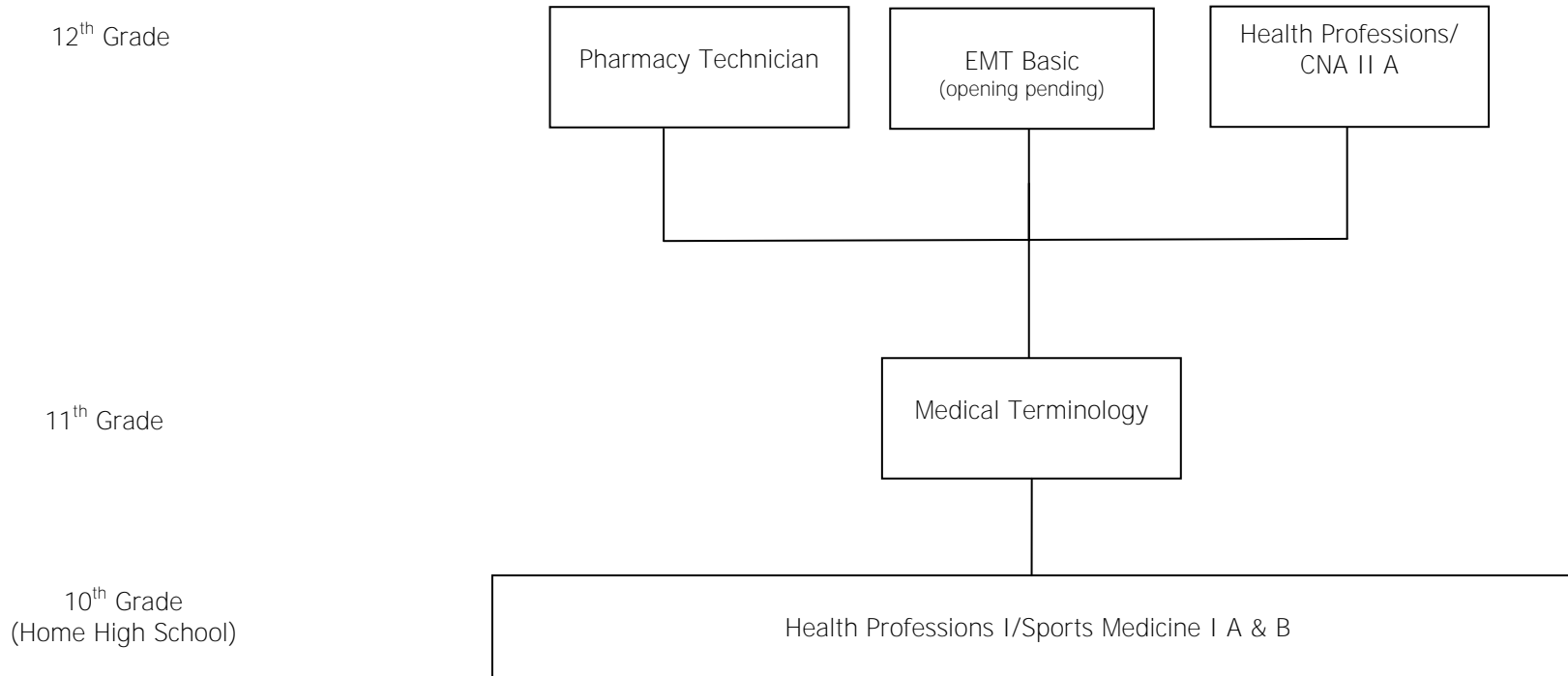


Health Science Magnet

**ADA Professional-Technical Center
1303 E. Central Drive
Meridian, ID 83642**

The Health Science Magnet, located at the ADA Professional-Technical Center, is a joint venture with the Idaho State University- Meridian Health Science Center. Coursework leads to postsecondary training and careers in the Health Care Industry. Students will prepare for the Certified Nursing Assistant (CNA), Pharmacy Technician Certification Board (PTCB), and Emergency Medical Training (EMT) Basic Certifications. Numerous Health Science specialty areas, not offered at district high schools, will be offered.

Pathway Options and Suggested Course Sequence










Health Science Magnet

Health Professions I/Sports Medicine I A & B – Taught at Centennial



Course Number(s): 14001T1011, 14001T1012
 Open to: 10, 11
 Credit: 2
 Fees: None
 Prerequisite: None
 Content: This course is for students who are interested in the Health Professions pathway or the medical field (sports medicine, certified nursing assistant, pharmacy technician, physical therapy aide, or emergency medical technician). Students will receive basic sports medicine instruction as well as knowledge of the health care industry. Students will receive the required health education credit for graduation by completing year one of health professions. **This course is taught at the Health P-2 level. Students will receive the required health education credit for graduation by successfully completing year one of health professions and by passing the Health EOC.**

Pharmacy Technician A & B – ADA Professional-Technical Center

Course Number(s): 14197T2011, 14197T2012
 Open to: 12
 Credit: 4 (Full year – 2 hour block)
 Fees: \$40 Supply Fee for Labs
 Prerequisite: Successful completion of Health Professions I/Sports Medicine I A & B and Medical Terminology is highly recommended.
 Transportation: Students **MUST** provide reliable transportation for externship at a local pharmacy.
 Content: A course designed to prepare students for beginning employment as a Pharmacy Technician under the supervision of pharmacists in pharmacies, hospitals and other settings. Successful completion of the course prepares the student to take the Pharmacy Technician Certifying Board certification exam once they graduate from high school. **(Students are responsible for the cost of this exam.)** Content includes pharmaceutical terminology, drug identification, measurement techniques, record keeping, business operations, prescription preparation, logistics and dispensing operations and applicable standards and regulations. In order for students to participate in second semester externship, they must complete first semester with a grade of "B" or higher. **Students will be responsible for the costs of fingerprinting, background check, and Idaho State Board of Pharmacy application fees.**

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel


Health Professions CNA II - Ada Professional-Technical Center








Course Number(s): 14051T2011
Open to: 12
Credit:  2 (one semester-2 hour block)
Fees: \$35
Prerequisite: Successful completion of Health Professions I/Sports Medicine I A & B and Medical Terminology is highly recommended.
Transportation:  Students **MUST** provide reliable transportation for the clinical component of this course.
Content: This course is designed to prepare students for beginning employment as nursing assistants in nursing homes, hospitals, and other settings. Successful completion of the course qualifies the student to test for the Registry for Nursing Assistants. **(Students are responsible for the cost of this exam.)** Content includes medical terminology, basic anatomy and physiology, communication, infection control, growth and development, CPR, care of the patient, and assisting as a member of the health care team. Students are required to dress appropriately. Scrubs and clean shoes are the responsibility of students. Reliable transportation is required for clinical experience and adjusted class time to meet the state required 120 hours of instruction and clinical time. **This course does not meet district graduation requirements for Health.**

Sports Medicine II A & B – Taught at Centennial



Course Number(s): 14062T1011, 14062T1012
Open to: 11, 12
Credit: 2
Fees: \$15 for supplies
Prerequisite: Successful completion of Health Professions I/Sports Medicine I A & B (12th Grader must have Sports Med teacher signature/approval on registration form)
Content: This course includes training and education as a student athletic trainer. Students will develop skills and pass competencies used in most athletic training settings. The content includes effective communication, practical experience with CPR, first aid, taping, wrapping, stretching and rehabilitation of injuries. Students will be expected to complete a minimum of 30 hours per semester of lab experience in addition to class time. **This course does not meet district graduation requirements for health.**

Sports Medicine III A & B – Taught at Centennial


Course Number(s): 14998T1011, 14998T1012
Open to: 12
Credit: 2
Fees: \$15 for supplies and BSU taping and wrapping credit
Prerequisite: Successful completion of Sports Medicine II A & B and Sports Med teacher signature/approval on registration form.
Transportation:  Students may have to provide transportation to athletic events.
Content: Students will be instructed in daily training room management involving modalities (electrical, hot, and cold application), inventory, games/practice preparation and documentation. Students will demonstrate competencies in taping, wrapping, modality application, proper use of rehabilitation equipment and high school sports medicine facility management. Students will be expected to complete hours of lab experience in addition to class time. Students will receive a student athletic trainer certificate at the conclusion of the class.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel



Physical Therapy Aide – Taught at Centennial








Course Number(s): 14998T1021
Open to: 12
Credit: 1
Fees: None
Prerequisite: Successful completion of Sports Medicine II A & B and Instructor Approval.
Transportation:  Students must provide transportation.
Content:  This course is a community-based clinical experience under the supervision of a Physical Therapist where students apply previously learned information from Sports Medicine I and II. Written training agreements and training plans are required. Students must provide their own transportation and dress appropriately. **This course does not meet district graduation requirements for health.**

Medical Terminology for Health Professions –ADA Professional-Technical Center

Course Number(s): 14154T1042
Open to: 11, 12
Credit: 1
Fees: None
Prerequisite: Health Professions I/Sports Medicine A & B
Content:  This course presents a study of medical terminology. Prefixes, suffixes, word roots, combining forms, special endings, plural forms, abbreviations, and symbols are included in the content. All body systems, anatomical reference, pharmacology, and medical specialties will be considered. Emphasis is placed on spelling, definition, usage, and pronunciation. This course is highly recommended, but not required prior to enrolling in Certified Nursing Assistant or Pharmacy Technician.

EMT-Basic A & B – ADA Professional-Technical Center

Course Number(s): 14055T2011, 14055T2012
Open to: 12
Credit: 4
Fees: None
Prerequisite: Successful completion of Essentials of Fire Fighting A & B or Health Professions I/Sports Medicine I A & B and instructor approval
Transportation:  Students **MUST** provide their own transportation for this new course.
Content:  A course designed to prepare students to become an Emergency Medical Technician; a person who serves as a vital link in the chain of the health care team at a basic life support level with an ambulance service or other specialized service. This course prepares students for the State of Idaho examination in Emergency Medical Technician-Basic. Students will participate in field trips, outside of class practicum experiences, and complete a senior-level project. **Opening of this course is pending.**

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel



Police, Fire and Emergency Services Magnet

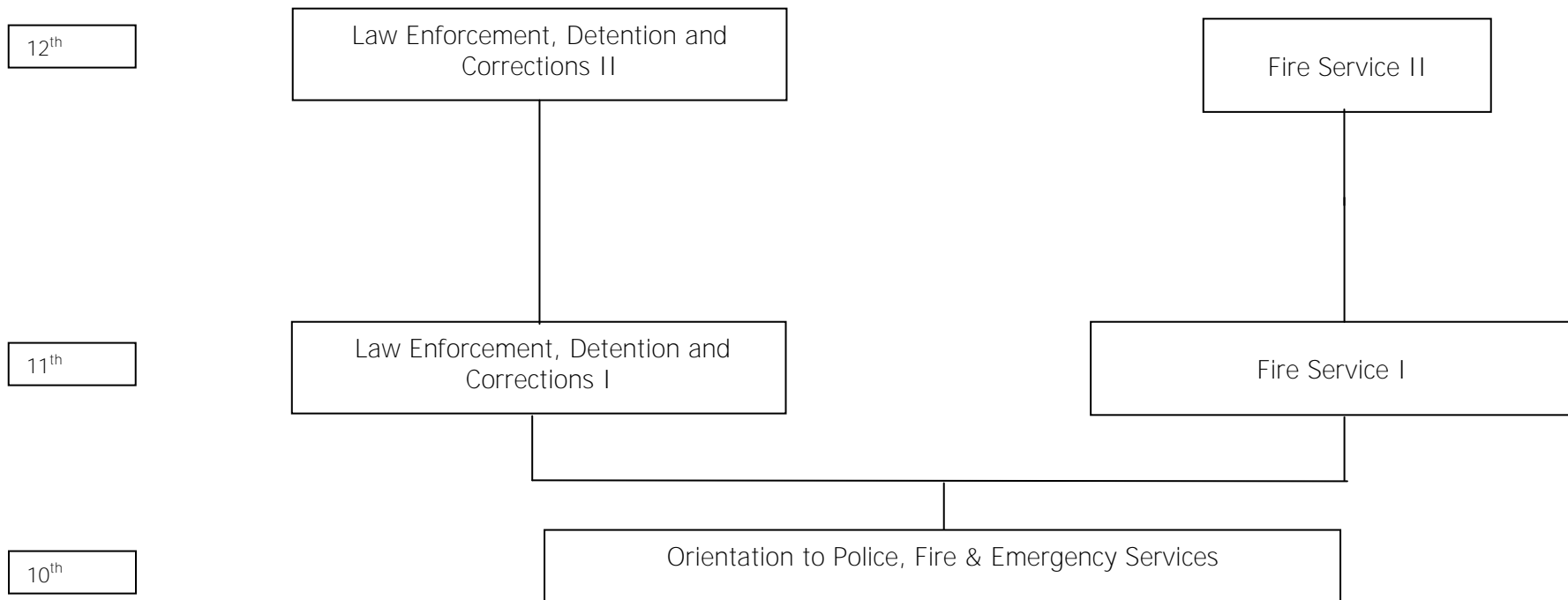
**ADA Professional-Technical Center
1303 E. Central Drive, Meridian, ID 83642**

The Police, Fire & Emergency Services Magnet, located at the ADA Professional-Technical Center, prepares students for careers in law enforcement, detention, corrections, fire fighting, and emergency medical services. Students will be prepared to test for Fire Fighter I and Emergency Medical Technician (EMT) Basic Certifications. College credit in law enforcement and corrections is available at POST approved law enforcement institutions. Students will benefit from state-of-the-art seminars and facilities made possible due to partnerships with the Idaho State Police Academy and Idaho State University.

Pathway Options and Suggested Course Sequence

Law Enforcement, Detention & Correction

Fire Fighting & Emergency Services



Police, Fire and Emergency Services Magnet

Orientation to Police, Fire & Emergency Services A & B – ADA Professional-Technical Center

Course Number(s):	15001T2011, 15001T2012
Open to:	10, 11, 12
Credit:	4
Fees:	\$10
Prerequisite:	None
Content:	This course introduces students to the various occupations and employment requirements within the Law, Public Safety and Security Career Cluster. Topics include: Fitness Readiness, Ethics and Professionalism, Introduction to Report Writing, Introduction to Criminal Justice, Introduction to Fire Fighting, Introduction to Emergency Medical Services, First Aid, CPR Training, and the National Incident Management System (NIMS).

Law Enforcement, Detention & Corrections Pathway

Law Enforcement, Detention and Corrections I A & B – ADA Professional-Technical Center

Course Number(s):	15051T2011, 15051T2012
Open to:	11, 12
Credit:	4
Fees:	\$20
Prerequisite:	Successful completion of Orientation to Police, Fire & Emergency Services A & B
Content:	This course goes into more depth in law enforcement, detention, and corrections. Students will be introduced to the various laws, self defense, collision investigation, homeland security, emergency water safety, drill and ceremony. Students will participate in field trips, outside of class practicum experiences, and complete a junior-level project.

Law Enforcement, Detention & Corrections II A & B – ADA Professional-Technical Center

Course Number(s):	15099T2011, 15099T2012
Open to:	12
Credit:	4
Fees:	\$20
Prerequisite:	Successful completion of Law Enforcement, Detention and Corrections I A & B and instructor approval
Content:	This course covers the following topics: Practical Procedures, Applied Law, Detention Procedures, Investigative Procedures, Human Relations and Communications, Fitness Readiness, Advanced Practicum and Report Writing. Students will be required to maintain a fitness log and complete a senior-level project.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep





Students provide their own transportation





Travel

Fire Fighting & Emergency Services Pathway

Fire Service I A & B – ADA Professional-Technical Center

Course Number(s): 15199T2011, 15199T2012
Open to: 11, 12
Credit: 4
Fees: \$15
Prerequisite: Successful completion of Orientation to Police, Fire & Emergency Services A & B
Transportation:  Students must provide their own transportation to any off-site trainings.
Content:  This course will cover many of the skills required for entry-level firefighters (both career and volunteer) as well as other occupations within the Fire Service. Students will train using real fire gear (bunker pants, jacket, gloves, hoods, SCBAs, etc.) using the National Fire Protection Agency guidelines. Students will also explore various career opportunities within the Fire Service, practice job applications skills, fitness preparedness, and first aid training. Topics included: Health & Safety, Personal Protective Equipment, Fire Behavior, Building Construction, Portable Extinguishers, Ropes & Knots, Forcible Entry, Ventilation, Water Supply, Fire Controls, Alarms, Loss Control, Protecting Evidence, Fire Department Communications, Prevention & Public Education, and Hazardous Materials. Students will participate in field trips, outside of class practicum experiences and complete a junior level project.

Fire Service II A & B

Course Number(s): 15199T2021, 15199T2022
Open to: 12
Credit: 4
Fees: \$25 course fee
Prerequisite: Successful completion of Fire Service I A & B and instructor recommendation
Transportation:  Students must provide their own transportation to their externship.
Content:  This course will develop skills needed and required for students planning to begin a career in the Fire Service. Students will continue developing the knowledge base and soft skills required for a successful career in the Fire Service and explore and develop fire service administration skills and competencies. Given the opportunity, students will complete an outside of class externship with a local fire service agency (approved by instructor) and prepare for and teach sections of the Fire Service I A & B course in cooperation with instructor. Students will complete multiple senior level projects.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

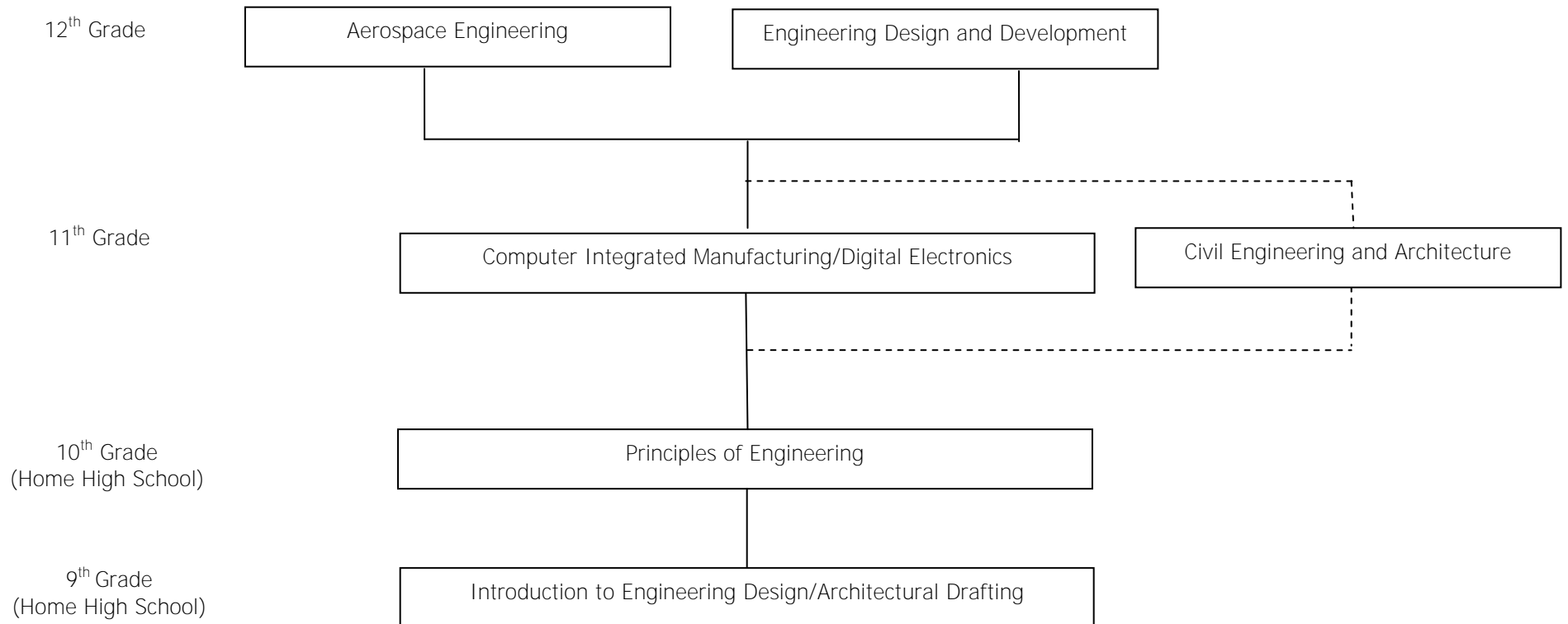


Pre-Engineering Magnet

**ADA Professional Technical Center
1303 Central Dr, Meridian**

The Pre-Engineering Magnet, located at the ADA Professional Technical Center, is a Project Lead The Way® National Certified School that prepares students for careers in engineering and engineering technologies. The Project Lead The Way® curriculum has been identified by the National Academy of Sciences, **National Academy of Engineering**, and **Institute of Medicine** as the "world-class model" for improving America's K-12 science and mathematics education.

Suggested Course Sequence



Pre-Engineering Magnet


Introduction to Engineering Design/Architectural Drafting A & B – Taught at Centennial

Course Number(s): 21006T1011, 21006T1012
Open to: 9, 10, 11, 12
Credit: 2
Fees: \$20
Prerequisite: None
Content: In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

Principles of Engineering A & B – Taught at Centennial

Course Number(s): 21004T1011, 21004T1012
Open to: 10, 11, 12
Credit: 2
Fees: \$20
Prerequisite: Successful completion of Introduction to Engineering Design and concurrent enrollment in Geometry or above.
Content: This survey course of engineering exposes students to some of the major concepts they will encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges such as a solar/hydrogen hybrid car, a bridge truss, a contraption built and programmed to sort marbles of different materials, and a projectile motion device. Students also learn how to document their work and communicate their solutions to peers and members of the professional community.

Computer Integrated Manufacturing A & B– ADA Professional-Technical Center and/or Rocky Mountain High School

Course Number(s): 21010T1021, 21010T1022
Open to: 11, 12
Credit:  2
Fees: \$20
Prerequisite: Successful completion of Principles of Engineering A & B. Students must be concurrently enrolled in Digital Electronics and Algebra II or above.
Content: The major focus of this course is to answer questions such as: How are things made? What processes go into creating products? How do assembly lines work? How has automation changed the face of manufacturing? As students find the answers to these questions, they learn about the history of manufacturing, a sampling of manufacturing processes, robotics and automation. The course is built around several key concepts: computer modeling, Computer Numeric Control (CNC) equipment, Computer Aided Manufacturing (CAM) software, robotics and flexible manufacturing systems.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep




Students provide their own transportation



Travel


Digital Electronics A & B – ADA Professional-Technical Center and/or Rocky Mountain High School








Course Number(s): 21008T1011, 21008T1012
Open to: 11, 12
Credit: 2
Fees:  \$20
Prerequisite: Successful completion of Principles of Engineering A & B. Students must be concurrently enrolled in Computer Integrated Manufacturing and Algebra II or above.
Content: This course is the study of electronic circuits that are used to process and control digital signals. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras and high-definition televisions. The major focus of the DE course is to expose students to the process of combinational and sequential logical design, teamwork, communication methods, engineering standards and technical documentation.

Civil Engineering and Architecture A & B – ADA Professional-Technical Center

Course Number(s): 21012T2011, 21012T2012
Open to: 11, 12
Credit: 4
Fees:  \$20
Prerequisite: Successful completion of Introduction to Engineering Design/Architectural Drafting A & B. Principles of Engineering A & B is highly recommended, but not required.
Content: The major focus of this course is completing long-term projects that involve the development of property sites. As students learn about various aspects of civil engineering and architecture, they apply what they learn to the design and development of a property. Students work in teams, exploring hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, students use 3D design software to help them design solutions to solve major course projects. Students learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community of civil engineering and architecture

Aerospace Engineering A & B– ADA Professional-Technical Center

Course Number(s): 21015T1011, 21015T1012
Open to: 12
Credit: 2 (Double Block, 1st Semester)
Fees:  \$20
Prerequisite: Successful completion of Digital Electronics A & B and Computer Integrated Manufacturing A & B, or Civil Engineering & Architecture A & B.
Content: The major focus of this course is to expose students to the world of aeronautics and aerospace engineering and related areas of study. Lessons and projects engage students in engineering design problems related to evolution of flight, physics of flight, flight simulation, propulsion, rocketry, space travel, aerospace structures and materials, flight and space physiology, remote sensing and robotics. In addition, students use 3D design software to help design solutions to proposed problems. Students design intelligent vehicles to learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community. This course is designed for 12th grade students.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel


Engineering Design and Development A & B – ADA Professional-Technical Center

Course Number(s): 21007T1011, 21007T1012








Open to: 12

Credit: 2

Fees: \$20

Prerequisite:  Successful completion of Digital Electronics, Computer Integrated Manufacturing, or Civil or Engineering and Architectural Drafting. Students must be concurrently enrolled in Math Analysis or above.

Content: This capstone course allows students to design a solution to a technical problem of their choosing. This is an engineering research course in which students research, design, test and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide and help the team to reach a solution to the problem. Students create presentations to their solutions. The EDD course allows students to apply all the skills and knowledge learned in previous engineering courses. This course also engages students in time management and teamwork skills, a valuable set for students in the future.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Delryl A. Dennis

Technical Education Center



8201 W. Victory Road
Boise, ID 83709
(208) 854-5810

- Automotive Technology
- Collision Repair
- Commercial Graphic Design
- Electronics Technology
- Information Technology
- Precision Machining
- Small Business Ownership
- Welding & Metal Fabrication

Please Note:

Students who attend the Dennis Technical Center must be concurrently enrolled in a Small Business Ownership course. More information will be available in the application process.

Applications are available at:

www.meridianschools.org

(Click on *School Choice*, then *Professional-Technical Programs*, and *PT Centers*.)


Joint School District No. 2 has a contractual agreement with the Boise School District for a predetermined number of specified program openings offered at the Dennis Technical Center. The courses available to our district's students are listed in this Course Description Handbook.

Automotive Technology

Automotive Technology I/Heavy Duty Diesel I A & B –Dennis Technical Center


Course Number(s): 20103T2011, 20103T2012 (Auto Tech 1) / 20116T2041, 20116T2042 (Heavy Duty Diesel 1)

Open to: 10, 11, 12

Credit:  4 (Daily, 2 Semesters)

Fees: Estimated \$35 lab fees may be adjusted according to cost of projects and required coverall and safety glasses


Prerequisite: Application


Content:  Students receive a basic introduction to technical Automotive/Heavy Duty Diesel skills, and knowledge necessary for applying technical skills. Introduction to automotive and diesel servicing, repair, diagnosis and maintenance of all types of automobiles and diesel equipment are included. Also included are introductions to diagnosis of automotive, truck and equipment computers and sensor malfunctions, repair and diagnosis of fuel systems, electrical systems, cooling systems, brake systems, suspension systems, hydraulic and drive-trains. Technical theory in the classroom and laboratory work emphasizes a hands-on orientation with extensive training on mock-ups, functional vehicles and equipment. Applied communication and employability skills, leadership, human relations, and safe, efficient work practices are covered.

Automotive Technology II A & B –Dennis Technical Center

Course Number(s): 20103T2023, 20103T2024

Open to: 11, 12

Credit:  4 (Daily, 2 semesters)

Fees:  Estimated \$35 lab fees may be adjusted according to cost of projects and required coveralls and safety glasses


Prerequisite: Successful completion of Automotive Technology I/Heavy Duty Diesel I A & B and Instructor approval

Content: Students receive advanced skill training in shop safety, auto servicing, electrical, fuel, emission controls, tune up, brakes, alignment, air conditioning, transmission service and evaluating automotive engine systems. Students are instructed in advanced automotive technology applications.

Automotive Technology Summer Internship –Dennis Technical Center


Course Number(s): 20148T2011

Open to: 11, 12








Credit:  2

Fees: None



Prerequisite: Application and Instructor Approval

Transportation:  Student must provide transportation



Content: Automotive Technology students apply for summer intern positions at local dealerships affiliated with Automotive Youth Educational Systems (AYES) program. Paid internship covers a ten (10) week period during summer between grades 11 and 12. Students receive directed training in an industry setting, covering work under the direction of dealership service manager and a technician-mentor. Application of problem-solving skills, diagnostic and repair skills to meet industry standards. Tool scholarship and uniform provided in accordance with AYES requirements.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel



Automotive Technology III A & B –Dennis Technical Center








Course Number(s): 20103T2033, 20103T2034
Open to: 12
Credit: 4 (Daily, 2 semesters)
Fees:  Estimated \$35 lab fees may be adjusted according to cost of projects and required coveralls and safety glasses
Prerequisite: Successful completion of Automotive Technology II A & B and Instructor Approval (This is an afternoon only class.)
Transportation:  This course is only scheduled in the afternoon. Centennial High students (CHS) must provide transportation.
Content: Students receive training for entry level positions, including the following: automotive technology, diagnostics and repair, tune up, engine performance, electrical testing, fuel delivery, emission controls, air conditioning, transmission service, alignment and brake systems. Emphasis is on providing problem solving skills, diagnostic and repair skills to industry standards.

Heavy Duty Diesel II A & B –Dennis Technical Center

Course Number(s): 20116T2051, 20116T2052
Open to: 10, 11, 12
Credit: 4 (Daily, 2 semesters)
Fees:  Estimated \$35 lab fees may be adjusted according to cost of projects and required coveralls and safety glasses
Prerequisite: Successful completion of Automotive Technology I/Heavy Duty Diesel I A & B and Instructor Approval (This is an afternoon only class.)
Transportation:  This course is only scheduled in the afternoon. Centennial High students (CHS) must provide transportation.
Content: The Heavy-Duty Mechanics Diesel Program covers diagnostics, service and hydraulic repair of heavy-duty trucks and equipment. Technical theory in the classroom and laboratory work emphasizes a hands-on orientation with extensive training on mockups, functional vehicles and equipment. This class addresses theory in Operations and Electrical Systems. Students will learn to follow shop rules, assist with tool room duties, and test electrical circuit protection devices. Safety and following the rules are crucial performance objectives students will be expected to demonstrate.



Heavy Duty Diesel III A & B –Dennis Technical Center

Course Number(s): 20116T2061, 20116T2062
Open to: 10, 11, 12
Credit: 4 (Daily, 2 semesters)
Fees:  Estimated \$35 lab fees may be adjusted according to cost of projects and required coveralls and safety glasses
Prerequisite: Successful completion of Heavy Duty Diesel II A & B and Instructor Approval (This is an afternoon only class.)
Transportation:  This course is only scheduled in the afternoon. Centennial High students (CHS) must provide transportation.
Content: This course will include additional advanced technical theory in the classroom including electrical, hydraulics, engines, air brakes and power generation. Course offers laboratory work in an agreement with local dealerships, independent garages and specialty shops and job shadows.


	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Collision Repair



Collision Repair Technology I A & B –Dennis Technical Center








Course Number(s): 20116T2011, 20116T2012
 Open to: 10, 11, 12
 Credit:  4 (Daily, 2 semesters)
 Fees: \$25 for coveralls and a one-time fee of \$20 for Repair Order
 Prerequisite: Application
 Content:  Students will learn basic skills for entry level employment in the collision repair industry. Areas of emphasis will include: industry safety standards; tools and heavy equipment used in the shop; environmental concerns related to the handling of hazardous materials; basic panel repair; welding; computerized estimating of collision damage; computerized paint mixing and matching; airbrushing and auto painting. SkillsUSA and ICAR curricula will be used to support classroom instruction and reinforce industry standards.

Collision Repair Technology II A & B –Dennis Technical Center



Course Number(s): 20116T2021, 20116T2022
 Open to:  11, 12
 Credit: 4 (Daily, 2 semesters)
 Fees: \$25 for coveralls and a one-time fee of \$20 for Repair Order
 Prerequisite:  Successful completion of Collision Repair Technology I A & B and Instructor Approval
 Content: Students will focus on advanced skill development with hands-on application. Emphasis will be on employability skills, industry safety standards, use of tools and heavy equipment, identification of automotive bodies, trim accessories, body repair, management/inventory control, hardware removal and repair, and basic painting and refinishing, buffing and detail. Continued emphasis will be placed on the handling of hazardous materials in the collision repair industry. Students have the opportunity to work on their own vehicles. SkillsUSA and ICAR curricula will be used to support classroom instruction and reinforce industry standards.








Collision Repair Technology III A & B –Dennis Technical Center

Course Number(s): 20116T2031, 20116T2032
 Open to: 12
 Credit:  4 (2 period, 2 semesters)
 Fees: \$25 for coveralls and a one-time fee of \$20 for Repair Order
 Prerequisite:  Successful completion of Collision Repair Technology II A & B and Instructor Approval
 Content: Students will focus on advanced skill development in the Collision Repair industry. Areas of emphasis will be panel replacement, painting, refinishing, thermoplastic, fiberglass repair, and estimating. Students have the opportunity to work on their own vehicles. SkillsUSA and ICAR curricula will be used to support classroom instruction and reinforce industry standards.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel

Collision Repair Technology Internship A & B –Dennis Technical Center

Course Number(s): 20148T2011, 20148T2012
Open to: 12
Credit:  4
Fees: \$25 for coveralls
Prerequisite: Application/Instructor Approval
Transportation:  Student must provide his/her own transportation
Content: The student will work 10-15 hours a week for an approved Collision Repair employer while enrolled in a participating home high school. The internship will be paid according to the training agreement made with the employer and student prior to employment. The training agreement will be developed by the instructor and approved by the employer.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Commercial Graphic Design

Commercial Graphic Design/Digital Imaging I A & B –Dennis Technical Center








Course Number(s):	11153T2011, 11153T2012
Open to:	10, 11, 12
Credit:	4 (Daily, 2 Semesters)
Fees:	\$10 lab fee
Prerequisite:	Application
Content:	This course is designed for students interested in the Commercial Graphic Design/Digital Imaging industry. Coursework emphasizes hands-on skills along with theory related CGD/DI industry. Using industry approved and recommended state-of-the-art equipment and curriculum, the instructional programs prepare students to design and execute layouts and illustrations for advertising displays, company identities and logos, packaging design, posters, brochures and manuals. This includes instruction in the design process, where students are taught to find creative solutions to visual communication problems using industry software. Composition, layout, digital imaging, graphics, pre-press file preparation and other graphic art skills will be stressed.

Commercial Graphic Design/Studio II A & B –Dennis Technical Center

Course Number(s):	11153T2021, 11153T2022
Open to:	11, 12
Credit:	4 (Daily 2 Semesters)
Fees:	\$10 lab fee
Prerequisite:	Application and Successful completion of Commercial Graphic Design/Digital Imaging I A & B and Instructor Approval
Content:	This course will expand on the skills learned in Commercial Graphic Design/Digital Imaging I A & B, and will provide a more in depth study of other graphic design avenues. Skills learned in Graphic Design I will be reviewed and built upon. Students will work toward a higher proficiency level in graphic design software. Students will work in a project-based setting where each student is a member of a design team, and will have the opportunity to experience many of the responsibilities that industry designers do; including job bidding, estimating, teamwork, and quality control. Course content requires students to apply skills learned related to the Graphic Communications industry standards to specific design projects.

Commercial Graphic Design/Portfolio Internship A & B –Dennis Technical Center

Course Number(s):	11153T2031, 11153T2032
Open to:	12
Credit:	2 or 4 (Daily, 2 semesters)
Fees:	\$10 lab fee
Prerequisite:	Application/Instructor Approval and successful completion of Commercial Graphic Design/Studio II A & B.
Transportation:	Students must provide their own transportation.
Content:	Students will gain work experience in a community business related to the Commercial Graphic Design industry, based on a job outline developed by the instructor and the industry partner. Students will work under the supervision of the participating industry partner and instructor. Students will also enhance portfolios and work on resumes as part of the curriculum. Presentation of the finished portfolio to an industry committee is required.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel








Electronics Technology

Automotive Accessories A & B –Dennis Technical Center





Course Number(s):	21150T2011, 21150T2012
Open to:	10, 11, 12
Credit:	4 (Daily, 2 Semesters)
Fees:	\$25 for Coveralls and \$20 for class material fee.
Prerequisite:	Application and successful completion of Algebra I or concurrent enrollment
Content:	Automotive Accessories covers the electronic aspects of the modern automobile focusing on charging, audio systems, and peripherals. The course combines classroom instruction, computer aided instruction and shop time. Students learn DC, AC, solid state and digital electronics theory. During shop time, students use digital multi-meters to troubleshoot electrical errors and make calculations based on mathematical formulas. Students learn to solder wires and use heat shrink for wire splicing. Students will work on school owned cars and will have the opportunity to install components in their own or customer vehicles. Students will practice installing electronic accessories such as navigation systems, audio systems, lighting effects and speaker systems. Students will explore career options in various electronics fields and custom install shops. Upon completion of the course, students are eligible to test for the Mobil Electronics Certified Professional (MECP) certification.

Electronics Technology I A & B –Dennis Technical Center





Course Number(s):	17106T2011, 17106T2012
Open to:	10, 11, 12
Credit:	4 (Daily, 2 Semesters)
Fees:	\$20 material fee
Prerequisite:	Application and successful completion of Algebra I or concurrent enrollment
Content:	Electronics Technology I A & b is the introductory course in a series of electronics courses offered at the Dennis Technical Education Center. This course focuses on industrial safety, direct current (DC), basic soldering, basic bread boarding, basic micro-controller programming, and technical writing and presentation skills. Theory lessons are delivered as Computer Aided Instruction (CAI). Students will use a soldering kit to gain expertise in soldering techniques, a bread boarding kit to gain expertise in circuit assembly and analysis, and a basis microcontroller kit to gain expertise in programming. Field trips to electronic manufacturing firms will be taken. Mathematics is emphasized, and concurrent enrollment in Algebra I (at a minimum) is highly recommended. Students will receive two credits in Industrial Physics in conjunction with two credits in Electronics. This course is required for entry into Electronics Technology II. This is an articulated dual enrollment course with College of Western Idaho (CWI) and other area institutions.

 Concurrent Credit (Dual Credit)	 IB - Renaissance	 Meets Humanities Requirements	
 Requires Application	 Tech Prep	 Students provide their own transportation	 Travel

Electronics Technology II A & B - Dennis Technical Center








Course Number(s): 17106T2021, 17106T2022
Open to:  11, 12
Credit:  4 (Daily, 2 Semesters)
Fees:  None
Prerequisite:  Successful completion of Electronics Technology I A & B and Instructor Approval
Content: This course builds on the experiences and skills gained in Electronics Technology I A & B, focusing on basic alternating current (AC) theory and applications. Theory lessons are delivered as Computer Aided Instruction (CAI). Laboratory experiments augment the theory. Soldering, bread boarding, and microcontroller skills are reinforced and expanded, and robotics is introduced through electronic projects. Technical writing and presentation skills are refined. Field trips to electronic manufacturing firms will be taken. Mathematic skills include trigonometry. This is an articulated dual enrollment course with College of Western Idaho (CWI) and other area institutions.

Electronics Technology III A & B –Dennis Technical Center

Course Number(s): 17106T2031, 17106T2032
Open to:  12
Credit:  4 (Daily, 2 Semesters)
Fees:  None
Prerequisite:  Successful completion of Electronics Technology II A & B and Instructor Approval
Content: Electronics Technology III A & B focuses on Solid State Devices and Digital theory and applications. Theory lessons are delivered as Computer Aided Instruction (CAI). Laboratory experiments augment the theory. Soldering, bread boarding, microcontroller, and robotic skills are reinforced and expanded as manufacturing techniques for electronic components are further explored. Technical writing and presentation skills continue to be emphasized. Field trips to electronic manufacturing firms will be taken. Mathematic skills include Boolean algebra and different base number systems. This is an articulated dual enrollment course with College of Western Idaho (CWI) and other area institutions.





Electronics Technology Internship A & B

Course Number(s): 17998T2011, 17998T2012
Open to:  12
Credit:  4
Fees:  None
Prerequisite:  Application/Instructor Approval and successful completion of Electronics Technology III A & B
Transportation:  Student must provide own transportation.
Content:  Electronics students will apply for after school or summer internship with local electronics employers with approved written training agreements for paid employment. Students will receive direct training from industry mentors related to the electronics industries. Successful candidates will apply problem-solving skills, diagnostic and repair skills to meet industry standards. This course is offered only to students who meet the industry standards for attendance and have the endorsement of the instructor.





	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Information Technology Courses **(limited openings, application and approval necessary)**





Computer Technology I A & B – Dennis Technical Center








Course Number(s): 10103T2011, 10103T2012
 Open to:  10, 11, 12
 Credit:  4 (Daily, 2 Semesters)
 Fees: None
 Prerequisite:  Application
 Content:  Students will gain knowledge and skills related to being a help desk / desktop support technician. Therefore students will learn how to build a computer, how to troubleshoot hardware, software and user-related issues. In addition, the course material involves basic networking, security, computer peripherals, and Internet. Microsoft Windows XP, Windows Vista, Windows 7, and Mac OS X will be covered. Over the course of the year, students will gain customer service and soft skills. Knowledge and skills gained in this course provide the opportunity for students to receive IT industry certifications. College credit is available.

Computer Technology II A & B – Dennis Technical Center



Course Number(s): 10103T2031, 10103T2032
 Open to:  10, 11, 12
 Credit:  4 (Daily, 2 Semesters)
 Fees: None
 Prerequisite:  Computer Technology I A & B and Instructor Approval
 Content:  Students will build upon knowledge and skills gained from Computer Technology I A & B and will continue becoming successful in the desktop support/help desk industry. Course material involves advanced hardware and software troubleshooting by using utilities, tools and programs utilized in the industry. Home and small business networking security and internet security will be covered as well. Linux and Mac operating systems will be **introduced to broaden the student's knowledge base**. Remote desktop support and virtualization will be introduced. Course material will be mainly delivered through use of real-world and team-based projects. The course continues to cover effective customer service skills. This course leads to the Microsoft Certified Professional and Microsoft Office Specialist certifications. College credit is available.

Computer Networking Basics (CCNA 1 & 2) A & B – Dennis Technical Center



Course Number(s): 10101T2011, 10101T2012
 Open to:  10, 11, 12
 Credit:  4 (Daily, 2 Semesters)
 Fees: None
 Prerequisite:  Application and Computer Technology I A & B is recommended.
 Content:  Students prepare themselves for professional carriers in the information and communication technology (ICT) profession by learning about technologies like voice, video, wireless, and security on a network. Students also learn how the Internet works using equipment such as routers, switches, and web-servers. These courses are foundation courses and upon completion of both courses the students are prepared for the Cisco Certified Entry Networking Technician (CCENT) certification. Dual credit (4) with College of Western Idaho (CWI) applies.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel



Internetworking Techniques (CCNA 3 & 4) A & B – Dennis Technical Center








Course Number(s): 10102T2011, 10102T2012
Open to: 11, 12
Credit:  4 (Daily, 2 Semesters)
Fees: None
Prerequisite:  Computer Networking Basics (CCNA 1 & 2) and Instructor Approval
Content: Students continue preparing themselves for professions carriers in the Information and Communication Technology profession by learning how computer networks communicate with other networks securely and how to block unwanted access to a computer network. Students also learn how to manage computer networks over large distances and how to troubleshoot problems efficiently. Upon completion of these in-depth courses, students are prepared for the highly sought after Cisco Certified Network Associate (CCNA) certification. Dual credit (4) with College of Western Idaho (CWI) applies.

Network Administration (Microsoft Certified Professional) A & B – Dennis Technical Center



Course Number(s): 10103T2021, 10103T2022
Open to: 10, 11, 12
Credit:  4 (Daily, 2 Semesters)
Fees: None
Prerequisite: Instructor Approval and Application
Transportation:  Student provides own transportation.
Content: Students learn network administration skills in a Microsoft Windows Server environment. Students also learn customer support skills designed for the new Microsoft Certified Desktop Support Technician (MCDST) credentials. Upon completion, students are prepared for the Microsoft Certified Professional (MCP) credential exam at a private testing facility. Dual credit (4) with College of Western Idaho (CWI) applies.

IT Internship A & B – Network and Computer Support – Dennis Technical Center



Course Number(s): 10106T2011, 10106T2012
Open to: 12
Credit:  4
Fees: None
Prerequisite: Successful completion of Computer Technology I A & B, Computer Networking Basics A & B, Network Administration, and/or Instructor Approval
Transportation:  Student provides own transportation.
Content: Advanced-level students can apply for industry related jobs through an interview process with an approved employer. Students work approximately 10-15 hours per week and are paid according to a training agreement developed by the instructor and approved by the employer, student, and parents. The class focus is on-the-job experience. Work ethic and attitude are emphasized during the internship.








	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Fundamentals of Web Design I A & B – Dennis Technical Center

Course Number(s): 10201T2011, 10201T2012
Open to:  10, 11, 12
Credit: 4 (Daily, 2 Semesters)
Fees: None
Prerequisite:  Application
Content: This course offers students an opportunity to learn about the elements that make up effective web pages, including HTML/xHTML, CSS, JavaScript, and animation. Students **will learn how to use Adobe's Web** Premium suite of applications, including: Dreamweaver, Fireworks, Photoshop and Flash to create interesting and fun content for **the internet. Students will learn how to use the applications as well as the "secrets" that** the professionals use to create the effects you see every day on the internet. By working on case studies, in-class examples, and real world scenarios, students get an opportunity to learn by doing.



Fundamentals of Web Design II A & B – Dennis Technical Center

Course Number(s): 10201T2041, 10201T2042
Open to:  11, 12
Credit: 4 (Daily, 2 Semesters)
Fees: None
Prerequisite:  Successful completion of Fundamentals of Web Design II A & B and Instructor Approval
Content: Advanced Web Design and Development focuses on building dynamic web content to **enhance a website's appearance and purpose. Students will learn how to program using** PHP and the MySQL database engine to create data-driven web applications like registration systems, forums and bulletin boards, online calendars, photo albums, and others. The course also covers Flash to create entire websites, effective ad banners, and online entertainment; including how to design media players and games using ActionScript 3.0.



	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Precision Machining



Precision Machining I A & B – Dennis Technical Center

Course Number(s): 13203T2011, 13203T2012
Open to:  10, 11, 12
Credit: 4 (Daily, 2 Semesters)
Fees: Coveralls and safety glasses are required. \$25 lab fees are a projected cost.
Prerequisite: Application
Content:  This is a project-orientated lecture/lab program covering fundamental machine shop practices. The student will develop skills involving measurement techniques, blueprint reading abilities, industrial math applications, computer generation of 3D models, machine tool practices, and industrial safety. The student will use all the basic hand and measuring tools, engine lathes, milling machines, drill presses, horizontal and vertical band saws. This course can be taken for general interest or as the first step towards a career in the machine trades, engineering, industrial sales, or any other segment within the manufacturing environment.

Precision Machining II A & B–Dennis Technical Center

Course Number(s): 13203T2021, 13203T2022
Open to:  11, 12
Credit: 4 (Daily, 2 Semesters)
Fees: Coveralls and safety glasses are required. \$25 lab fees are a projected cost.
Prerequisite: Application, successful completion of Precision Machining I A & B, and Instructor Approval
Content:  This is an occupation-oriented program requiring the acquisition of knowledge and skills necessary to succeed within the manufacturing environment. Theory subjects include shop math applications, basic metallurgy, cutting tools, screw threads, machine tool practices, inspection procedures, geometric dimensioning and tolerancing, manual CNC programming, and the use of industrial references. Advanced 3D assembly models are generated using SolidWorks. Shop activities include machine maintenance, tool calibration, applied inspection activities, and manual machining project tolerance **capability of plus or minus .002” on selected operations. Students will also demonstrate** the ability to perform a basic set-up of a CNC machining center and machine a finished part.

Precision Machining III A & B –Dennis Technical Center

Course Number(s): 13203T2031, 13203T2032
Open to:  12
Credit: 4 (Daily, 2 Semesters)
Fees: Coveralls and safety glasses are required. \$25 lab fees are a projected cost.
Prerequisite: Application, successful completion of Precision Machining II A & B, and Instructor Approval
Content:  The primary emphasis during this course will be on CNC technology. Manual CNC programming subjects will include cutter compensation techniques, use of programmable offsets, pallet applications, and fourth axis accessories. A heavy emphasis will be placed on problem solving and troubleshooting. CNC program generation with CAM technology will be introduced using the GibbsCam system. Students will construct geometry and also import solids for post-processing. Other theory applications include an introduction to carbide tooling, abrasives theory, statistical process controls, and an overview of standard manufacturing processes. Students are introduced to the surface grinder in the lab.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep










Students provide their own transportation



Travel



Precision Machining: Internship A & B – Dennis Technical Center

Course Number(s): 13998T2011, 13998T2012
Open to: 12
Credit:  2 or 4
Fees: None
Prerequisite: Application/Instructor Approval and successful completion of Precision Machining II A & B
Transportation:  Students must provide transportation.
Content: Students will receive machining training at an industry setting according to established curriculum and written agreements with industry sponsors. Students will receive a training wage and work under the supervision of a qualified industry sponsor-mentor. Paid internships cover a 10-week period of time during the summer following the **student's junior year. Students are eligible to enter into registered School-to-Apprenticeship agreements with the Bureau of Apprenticeship and Training.**



	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel








Small Business Ownership ***(required class for students attending the Dennis Technical Center)***

Introduction to Small Business Ownership I A & B – Dennis Technical Center



Course Number(s):		12053T1021, 12053T1022
Open to:		10, 11, 12
Credit:		2 (Daily, 2 semesters)
Fees:		None
Prerequisite:		None
Content:		Students will learn about different types of business ownership from sole proprietorship and partnership to corporations. Students will explore trends in the market and how to recognize opportunities as well as how to grow a business opportunity locally, nationally and globally. Local business owners often visit as guest speakers and students participate in projects, computer simulations, and field trips to further enhance and enrich the classroom instruction. Second semester of this course, students participate in a Junior Achievement program which centers around running a company with departments in the areas of Human Resources, Public Relations, Finance, Distribution, Marketing & Sales, and includes a class elected CEO. This student-run company sells stock, creates a startup business, operates and runs the business over the course of the semester and finally dissolves the company with the goal of issuing dividends to its stockholders. This is a hands-on class providing real world business experience for students.

Business Finance and Investing – Dennis Technical Center



Course Number(s):		12503T1031
Open to:		11, 12
Credit:		1 (Daily, 1 semester)
Fees:		None
Prerequisite:		Successful completion of Introduction to Small Business Ownership I A & B
Content:		Students will learn about personal and business finance. Students will gain skills in analyzing and managing finances both on a personal level and in the area of business. Financial record keeping and preparing financial statements will also be included in this class. The course will focus on obtaining small business start up financing and growth capital. Feasibility analysis: testing potential opportunities and writing a business plan will also be a part of this class. Local business owners often visit as guest speakers and students participate in projects, computer simulation, and field trips to further enhance and enrich the classroom instruction. Students learn about the power of investing throughout the semester by participating in the stock market games – a simulation where students across the nation are given \$100,000 of mock money to invest in a game that mirrors the actual stock market real time.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel



Business Planning and Promotional Strategies – Dennis Technical Center








Course Number(s): 12503T1032
Open to: 11, 12
Credit:  1 (Daily, 1 semester)
Fees: None
Prerequisite: Successful completion of Business Finance and Investing
Content:  Students will learn about market analysis to determine what are viable business opportunities. Students will write a Marketing Plan for a business that includes product pricing, promotional strategies, purchasing, production and distribution of a product or service. Students will work on projects that allow them to learn how to bring an idea to market successfully. Local business owners often visit as guest speakers and students participate in projects, computer simulations, and field trips to further enhance and enrich the classroom instruction.

Business Management and Ethics – Dennis Technical Center

Course Number(s): 12503T1041
Open to: 12
Credit:  1 (Daily, 1 semester)
Fees: None
Prerequisite: Successful completion of Business Planning and Promotional Strategies
Content:  Students will learn about managing a business including management styles and skills, managing operations, staffing and company policies, developing and training human resources and motivating employees, purchasing and inventory control. This course will also explore finding a business site and the community and site selection process including building layout planning. Social, ethical responsibility and legal issues facing start-up businesses will also be included. Local business owners often visit as guest speakers and students participate in projects, computer simulations, and field trips to further enhance and enrich the classroom instruction. **This course will be available beginning in 2012-2013.**




Small Business Cooperative Education – Dennis Technical Center

Course Number(s): 12503T1042
Open to: 12
Credit:  1
Fees: None
Prerequisite: All Business & Finance classes or instructor approval
Transportation:  Students must provide transportation.
Content: The student and Business Teacher will identify business career areas of interest and locate job openings for which the student will apply. A job sponsor will be designated and a training agreement and plan will be created. The student will average fifteen hours per week for one credit, or twenty hours per week for two credits. **This course will be available beginning in 2012-2013.**



	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements		
	Requires Application		Tech Prep		Students provide their own transportation		Travel

Welding and Metal Fabrication



Welding I A & B –Dennis Technical Center

Course Number(s): 13207T2011, 13207T2012
 Open to:  10, 11, 12
 Credit:  4 (Daily, 2 Semesters)
 Fees: Coveralls, welding gloves, and safety glasses are required and a \$25 equipment fee
 Prerequisite: Application
 Content:  Students will receive basic introduction to Welding and Fabrication and the knowledge necessary for developing skills in the welding industry. Included will be Oxy-acetylene (OC) welding and cutting, soldering, brazing, shielded metal arc welding (SMAW), gas metal arc welding (GMAW), flux cored arc welding (FCAW), gas tungsten arc welding (GTAW), plasma arc cutting (PAC), measuring, blueprint reading, welding theory, and related shop equipment (saws, grinders, drill presses, hydraulic shear and press). Students will be able to fabricate basic shop projects.



Welding II A & B –Dennis Technical Center








Course Number(s): 13207T2021, 13207T2022
 Open to: 11, 12
 Credit:  4 (Daily, 2 Semesters)
 Fees: Coveralls, welding gloves, and safety glasses are required and a \$25 equipment fee
 Prerequisite: Successful completion of Welding I A & B and Instructor Approval
 Content:  Students will focus on advanced skill development of the skills developed in Welding I A & B. Vertical and overhead welding will be introduced with emphasis on welder qualification on plate of limited thickness. Stainless steel and aluminum welding with gas metal arc welding (GMAW) and gas tungsten arc welding (GTAW) will be developed. Students will be able to fabricate advanced shop welding projects. Emphasis will be on advanced welding and fabrication technology applications.

Welding III A & B –Dennis Technical Center

Course Number(s): 13207T2031, 13207T2032
 Open to: 12
 Credit:  4 (Daily, 2 Semesters)
 Fees: Coveralls, welding gloves, and safety glasses are required and a \$25 equipment fee
 Prerequisite: Successful completion of Welding II A & B and Instructor Approval
 Content:  Students will develop advanced knowledge and skills in gas metal flux core wire feed welding, gas tungsten arc welding, shielded metal arc welding, measuring, and blueprint reading for entry level positions. Emphasis will be on problem solving, welding and fabrication meeting industry standards.

Welding: Internship A & B – Dennis Technical Center

Course Number(s): 13998T2021, 13998T2022
 Open to: 12
 Credit:  2 or 4
 Fees: Coveralls, welding gloves and safety glasses are required. There is a \$25 equipment fee.
 Prerequisite: Application/Instructor Approval and satisfactory completion of skills necessary for employment
 Transportation:  Student will provide his/her own transportation.
 Content: Students will secure an appropriate and related job with training plan outline approved by instructor.

	Concurrent Credit (Dual Credit)		IB - Renaissance		Meets Humanities Requirements
	Requires Application		Tech Prep		Students provide their own transportation
					Travel

Miscellaneous

Introduction to Renewable Energy A & B –Dennis Technical Center

Course Number(s):	20101T2011, 20101T2012
Open to:	10, 11, 12
Credit:	4
Fees:	\$25 coverall fee
Prerequisite:	None
Content:	This course covers fundamentals of renewable energy including energy conservation, load assessment, renewable energy production practices, appropriate technology application, and energy policy. Students will learn about renewable energy including wind, photovoltaic (solar), biofuel, hydrogen, geothermal, and hydroelectric.

Renewable Energy II A & B –Dennis Technical Center

Course Number(s):	20101T2021, 20101T2022
Open to:	11, 12
Credit:	4
Fees:	\$25 course fee
Prerequisite:	Successful completion of Introduction to Renewable Energy A & B
Content:	Renewable Energy II will focus on intermediate solar and wind training. The topics included in the solar section will be photovoltaic panel construction and installation, passive solar construction, and solar thermal products. The solar thermal products will include evacuated tube collectors and flat collectors for hot water heaters. The topics in the wind training section will include residential turbines, commercial turbines, hydraulic turbines, electric turbines, turbine placement, turbine design and basic turbine maintenance.



Concurrent Credit (Dual Credit)



IB - Renaissance



Meets Humanities Requirements



Requires Application



Tech Prep



Students provide their own transportation



Travel

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Stagecraft B	47
Symphonic Band/Marching Band A & B	43
Teacher Assistant	40
Teen Living I	22
Teen Living II	22
Treble Choir A & B	44
U.S. History 10 A & B	61
U.S. History 11 A & B	62
Varsity Jazz Ensemble A & B	45
Veterinary Assistant Internship AG 590 - Meridian Professional- Technical Center	84
Video Computer Technology I	17
Video Computer Technology II A & B	17
Web Design I	13, 19
Web Design II	13, 19
Welding I A & B - Dennis Technical Center	128
Welding II A & B - Dennis Technical Center	128
Welding III A & B - Dennis Technical Center	128
Welding: Internship A & B - Dennis Technical Center	128
Western Civilization A & B	64
Wind Ensemble A & B	45
Yearbook A & B	16
Zoology	55
Zoology/Animal Science AG 530 (Course taught at some Home High Schools)	82
Zoology/Fish and Wildlife Management AG 536 - Meridian Professional-Technical Center	82
Zoology/Science of Animal Nutrition AG 532 - Meridian Professional- Technical Center	82



Concurrent Credit – Dual Credit

Centennial High School and the corresponding college/university offer concurrent credit for the following high school classes. See concurrent credit information at the following websites:

Boise State University – www.boisestate.edu/concurrentenrollment

College of Western Idaho onestop@cwidah.cc

Northwest Nazarene University – www.nnu.edu/concurrentcredit

There is a one-time enrollment fee as well as a fee per credit when enrolling in a concurrent credit course charged by the college/university.

Please note: All concurrent credit courses are dependent upon instructor and course approvals by the local colleges/universities. A course may not be offered as listed based upon movement of staff.

Business Department:

Account II A&B – Boise State University

Computer Applications III – Boise State University

Web Design I – College of Western Idaho

Web Design II – College of Western Idaho

Oracle Academy I A&B – Boise State University or College of Western Idaho

Computer Programming:

Computer Programming I – Boise State University

AP computer Programming B – Boise State University

Web Design I – College of Western Idaho

Web Design II – College of Western Idaho

Oracle Academy I A&B – Boise State University or College of Western Idaho

Health:

Sports Medicine II – Boise State University

Sports Medicine III – Boise State University

Language Arts:

College Prep English 12 A&B – Boise State University

Mathematics:

AP Statistics A & B – Boise State University

Pre-Engineering:

Technology Principles of Engineering A & B – Oregon Institute of Technology – 3 Credits

Engineering Design & Development A & B – Northwest Nazarene University

Science:

AP Biology A & B – Northwest Nazarene University

Honors Biology A & B if taken with AP Biology A & B – Northwest Nazarene University

AP Chemistry A & B – Northwest Nazarene University

Honors Chemistry A & B if taken with AP Chemistry A & B – Northwest Nazarene University

Geology A & B – Boise State University

Social Studies:

Consumer Economics/Agriculture Business & Economics – University of Idaho

World Languages:

French III A & B – Northwest Nazarene University

French IV A & B – Northwest Nazarene University

Japanese III A & B – Boise State University

Japanese IV A & B – Boise State University

Spanish III A & B – Northwest Nazarene University

Spanish IV A & B – Northwest Nazarene University

Meridian PTE Courses:

Consumer Economics/Agriculture Business & Economics – University of Idaho

Advanced Small Gasoline Engines A & B – University of Idaho

ADA PTE Courses:

Engineering Design & Development A & B – Northwest Nazarene University