

2019 – 2020 High School Course Descriptions

NOTE: This is an excerpt of the Career and Technical Education (CTE)
Magnet Programs Section

CTE Magnet Programs Overview	2
Lotteries, Fast Forward Program, CTE Busing	3
CTE Center - Meridian Campus	4
Animal Science Pathway	5-8
Natural Resources/Plant Science Pathway	9-13
Welding/Fabrication Pathway	14-15
Small Gasoline Engines Pathway	16-17
Summer Classes and Internships	18
Automotive Technology Pathway	19-20
Collision Repair Pathway	21-22
Diesel Technology Pathway	23-24
Early Childhood Education Pathway	25-26
CTE Center – Renaissance Campus	27
Construction Pathway	28-29
Culinary Arts Pathway	30-31
Health Sciences Pathways (CAN, EMT and Pharmacy Tech)	32-35
Police, Fire and Emergency Services Pathways	36-39
Pre-Engineering Pathway	40-42
CTE Center - Centennial High School	43
Computer Sciences: Programming and Web Design Pathways	44-47
Additional including Fast Forward Information and Guide, Expanded Icon Definitions and Information plus, Frequently Asked Questions about AP, Concurrent credits and more!	48-54

Icon Definitions



Concurrent Credit



Technical Dual Credit –See your Career & Technical Education (CTE) course instructor for full details.



Enrollment Requires an Application and Space May Be Limited



Transportation – Students must provide their own transportation.

Revised: 12/11/2018



CTE

Career & Technical Education

2019-2020 Career & Technical Education (CTE) MAGNET PROGRAMS

Career & Technical Education (CTE): CTE magnet programs are designed to serve students attending multiple high school attendance zones. Students travel to and from their home high school, for a half day, to one of three CTE centers to take these. CTE Program classes offer students applied learning opportunities that align to in-demand job workplace skills. They are high-end sequenced career-training classes. Coursework is designed to prepare students for employment certification exams, a seamless transition on to postsecondary technical colleges, or industry skills applicable to employment readiness. Some of the essential components of establishing a CTE program is to maintain an active industry advisory board, provide state-of-art equipment and curriculum that meets industry standards, and to promote CTE student organizations, which provide students with opportunities to develop leadership skills as well as competition opportunities to showcase their CTE skills. **To learn more about program options including CTE shuttle busing, visit www.westada.org/CTE**

CTE Center – Meridian Campus

1900 West Pine Avenue, Meridian, ID 83642

Agriculture, Welding/Fabrication/Mechanical & Natural Resources Magnet

- Animal Science
- Plant Sciences
- Natural Resources
- Welding/Fabrication
- Small Gasoline Engines

Automotive Services Magnet

- Automotive Technology
- Collision Repair
- Diesel Technology

Early Childhood Education Magnet

- Early Childhood Education

Centennial High School

12400 W. McMillan, Boise, ID 83713

Computer Science Magnet

- Programming
- Web Design

CTE Center – Renaissance Campus

1307 E. Central Drive, Meridian, ID 83642

Construction Magnet

- Residential Construction

Culinary Arts Magnet

- Advanced Culinary Arts

Health Sciences Magnet

- Certified Nursing Assistant
- Pharmacy Technician
- Emergency Medical Technician (EMT)

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 & Development

Programs aligned to SkillStack badging, giving students the option to earn Technical Competency Credits. Information is disseminated through the classroom instructor.

Lotteries

What is the purpose of a lottery?

The purpose of the lottery is to provide an equitable system for selecting students for the limited available seats. If more students apply than seats are available in a CTE Magnet Program class, then students will be selected by random lottery.

Which students qualify to be in a lottery?

To be entered into the lottery, during the year prior to the course desired, **students must:**

- request the class during Spring Registration. (Alternate class selections will not be considered.)
- receive a final grade of 70% or higher grade in any applicable prerequisite class unless specified in the current Course Description Handbook.
- maintain an attendance record consistent with the District's Attendance Policy published in each home high school's Student Handbook.
- sustain good classroom behavior (no Zero Tolerance infractions, written insubordination or safety referrals)

When will the lotteries be held?

- The lottery will be conducted prior to fall Registration.

What is the lottery process?

1. Each school will be given an allotment of seats for each program class based on Spring Registration requests.
2. A computer-based random number generator will be used to select numbers to fill each seat. Numbers and the student names assigned to them, are then noted on a spreadsheet. Once all allotted seats are filled, the process continues in order to establish a Wait List.
3. Results will be reflected on students' class schedules which, they receive, during high school registration.
4. If a seat becomes available, the option to fill the seat is offered to the first student on the Wait List and so on, until the seat is filled.

Fast Forward Program (funded by Idaho State Legislature)

The Fast Forward Program provides a total of **\$4,125 per student** to be used throughout grades 7 - 12. Funds can be applied to any of the following: Concurrent Credit classes, Advanced Placement exams, International Baccalaureate exams, qualifying Career Technical Education exams, or overload courses. Instructions on how to access Fast Forward funds will be provided to students by their instructor, as registration dates approach for classes and exams. Information can also be found on the district website at <http://www.westada.org/fastforward>.

CTE Shuttle Bus Information

Will there be busing for my traveling CTE class?

In general, busing is available to and from CTE centers in the mornings and afternoons on both A and B days from each zoned home high school. Some traveling CTE classes require an externship or internship. If so, students will need to provide your own transportation. The "car icon" denotes which classes require self-transport.

How do I find the bus schedule?

Once students receive their class schedules, they can look up busing details at the West Ada School District's website (www.westada.org/CTE). Once at the CTE webpage, find the Transportation menu.



CTE

Career & Technical Education

CTE Center – Meridian Campus

1900 West Pine Avenue

Meridian, ID 83642

(208) 350-4176

Agriculture, Welding/Fabrication/Mechanical & Natural Resources Magnet

- Animal Science Pathway
- Natural Resources Pathway
- Plant Sciences Pathway
- Welding/Fabrication Pathway
- Small Gasoline Engines Pathway

Automotive Services Magnet

- Automotive Technology Pathway
- Collision Repair Pathway
- Diesel Technology Pathway

Early Childhood Education Magnet

- Early Childhood Education Pathway

For more information about Career & Technical Education (CTE) magnet programs and available shuttle busing, visit www.westada.org/CTE

Agriculture, Welding/Fabrication/Mechanical & Natural Resources/Plant Sciences Magnet

AG 410 – Personal Skills Development

Course Number(s): 18203T1011
Open to: 9, 10
Credit: 1 (1 period, 1 semester)
Prerequisite: None
Content: This course focuses on developing agricultural leadership, citizenship, and cooperation. 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.

HS Speech Credit

AG 475 – Advanced Leadership in Agriculture & Marketing– CTE Center - Meridian Campus

Course Number(s): 18203T1021
Open to: 10, 11, 12
Credit: 1 (1 period, 1 semester)
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 & Economics – CTE Center - Meridian Campus Center

Course Number(s): 18201T1011
Open to: 11, 12
Credit: 1 (1 period, 1 semester)
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. **Students will received the required economics credit for graduation by successfully completing this course and by passing the Economics EOC.**

HS Economic Credit

Animal Science Pathway – CTE Center – Meridian Campus

Students are scheduled for half-days when they travel and take classes at a CTE center. Most often, students must take two CTE classes to create a half-day schedule unless the class is a two-period long class. For full details, see the course description for each class.

It is highly recommended that students participate in the FFA student organization and Supervised Agricultural Experiences (SAE) projects.

RECOMMENDED COURSE SEQUENCE –

The ✓ symbol indicates required classes; 🧑‍🎓 indicates concurrent credit.

9th Grade: home high school courses

- Personal Skills Development (1 credit semester class)
- ✓ Introduction to Animal Science (1 credit semester class)

10th Grade: - home high school courses

- ✓ Zoology/Animal Science (1 credit semester class)
- ✓ Botany/Plant and Soil Science (1 credit semester class)

11th Grade: CTE Center classes

- ✓ Small Animal Care (1 credit semester class)
- ✓ Equine Science 1 (1 credit semester class)
(OR)
- ✓ Small Animal Care (1 credit semester class)
- ✓ Zoology/Fish & Wildlife (1 credit semester class)

12th Grade: CTE Center classes

- Equine Science 2 (1 credit semester class)
- ✓ Veterinary Assistant Internship (2 credit full year class)
(OR)
- Animal Nutrition (1 credit semester class)
- ✓ Veterinary Assistant Internship (2 credit full year class)

Students may also package
Vet Assist Intern. with:
Science of Food Production
or, Consumer Economics
/Ag Business & Economics

Additional Animal Science Package CTE classes:

- Advanced Leadership in Ag & Marketing (1 credit semester class for 10, 11, 12 graders)
- Consumer Economics/Ag Business & Economics (1 credit semester class for 11, 12 graders)

Animal Science Pathway

AG 140 – Introduction to Animal Science

Course Number(s): 18101T1011
Open to: 9, 10
Credit: 1(1 period, 1 semester)
Prerequisite: Personal Skills Development highly recommended, but not required
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.

AG 530 – Zoology/Animal Science

Course Number(s): 18101T1021
Open to: 10, 11
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful completion of Intro to Animal Science. This course is a prerequisite for Small Animal Care and Veterinary Assistant Internship. This course must be taken concurrently with Botany/Plant & Soil Science.
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 510 – Botany/Plant & Soil Science

Course Number(s): 18051T1011
Open to: 10, 11
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful completion of Intro to Animal Science. This course is a prerequisite for Small Animal Care and Veterinary Assistant Internship. This course must be taken concurrently with Zoology/Animal Science.
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 536 – Zoology/Fish & Wildlife Management – CTE Center - Meridian Campus

Course Number(s): 18501T1011
Open to: 11, 12
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful completion of Zoology/Animal Science and Botany/Plant and Soil Science
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 – CTE Center - Meridian Campus

Course Number(s): 18105T1011
Open to: 11, 12
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful completion of Small Animal Care
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.

AG 570 – Equine Science I – CTE Center - Meridian Campus

Course Number(s): 18104T1011
Open to: 11, 12
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful completion of Zoology/Animal Science and Botany/Plant and Soil 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 – CTE Center - Meridian Campus

Course Number(s): 18104T1021
Open to: 11, 12
Credit: 1
Prerequisite: Successful completion of Small Animal Care and 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 538 - Small Animal Care – CTE Center - Meridian Campus

Course Number(s): 18102T1011
Open to: 11, 12
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful completion of Zoology/Animal Science and Botany/Plant and Soil 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.

AG 590 - Veterinary Assistant Internship A & B – CTE Center - Meridian Campus

Course Number(s): 18997T1011, 18997T1012
Open to: 12
Credit: 2 (1 period, 2 semesters)
Prerequisite: Successful completion of Small Animal Care and either Equine Science I or Zoology/Fish and Wildlife Management with a minimum final grade of 70% or higher in both classes.

Transportation:
Content:



Students **MUST** provide their own transportation to off-site clinicals and externships. 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. Students can test for the Kennel Assistant Certification at no cost to student. Students also have an end-of-course option to take an Animal Care Technologies Certification Exam. The optional exam is \$125.00 and students are responsible for the cost of the exam.

Plant Sciences Pathway

Students can take this pathway in their home high schools. Eagle High and Centennial High students would have to travel to Rocky Mountain their junior year and Mountain View their senior year to complete this pathway. For full details, see the course description for each class. It is highly recommended that students participate in the FFA student organization and Supervised Agricultural Experiences (SAE) projects.

RECOMMENDED COURSE SEQUENCE –

The ✓ symbol indicates required classes; 🎓 indicates concurrent credit.

9th Grade: home high school courses

- Personal Skills Development (1 credit semester class)
- Introduction to Animal Science (1 credit semester class)
- ✓ Introduction to Plant Science (1 credit semester class)

10th Grade: home high school courses

- Zoology/Animal Science (1 credit semester class)
- ✓ Botany/Plant and Soil Science (1 credit semester class)

11th Grade: home high school courses (CHS and EHS travel to Rocky Mtn.)

- ✓ Horticulture I/Botany (1 credit semester class)
- ✓ Horticulture II/Science of Plant Growth & Development (1 credit semester class)

12th Grade: Mountain View High School

- ✓ Landscape Design (1 credit semester class)
- ✓ Floral Design & Marketing (1 credit semester class)

Plant Sciences Pathway

AG 150 - Introduction to Plant Science

Course Number(s): 18053T1010
Open to: 9, 10
Credit: 1 (1 period, 1 semester)
Prerequisite: None
Content: A course designed to examine soil and plant relationships that affect the production of food and fiber. Topics include soils, irrigation, land judging, plants, crop and weed identification, diseases, insects and chemicals.

AG 510 – Botany/Plant & Soil Science

Course Number(s): 18051T1011
Open to: 10, 11
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful completion of Introduction to Plant Science (Students are allowed to take this course concurrently with Intro to Plant Science)
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 514 – Horticulture I/Botany-Taught at Mountain View, Meridian, & Rocky Mountain-CTE shuttles provided for CHS and EHS students.

Course Number(s): 18052T1011
Open to: 11, 12
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful completion of Botany Plant and Soil Science
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 & Development-Taught at Mountain View, Meridian, & Rocky Mountain- CTE shuttles provided for CHS and EHS students.

Course Number(s): 18051T1021
Open to: 11, 12
Credit: 1 (1 period, 1 semester)
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 330 – Landscape Design – Taught at Mountain View High School

Course Number(s): 18056T1021
Open to: 12
Credit: 1 (1 period, 1 semester)
Fees: None
Prerequisite: Successful completion of 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.



AG 335 – Floral Design & Marketing – Taught at Mountain View High School

Course Number(s): 18056T1011

Open to: 12

Credit: 1 (1 period, 1 semester)

Fees: None

Prerequisite: Successful completion of 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.



Natural Resources Pathway

Students are scheduled for half-days when they travel and take classes at a CTE center. Most often, students must take two CTE classes to create a half-day schedule unless the class is a two-period long class. For full details, see the course description for each class. It is highly recommended that students participate in the FFA student organization and Supervised Agricultural Experiences (SAE) projects.

RECOMMENDED COURSE SEQUENCE –

The ✓ symbol indicates required classes; 🎓 indicates concurrent credit.

9th Grade: home high school courses

- Personal Skills Development (1 credit semester class)
- Introduction to Animal Science (1 credit semester class)
- ✓ Introduction to Plant Science (1 credit semester class)

10th Grade: home high school courses

- Zoology/Animal Science (1 credit semester class)
- ✓ Botany/Plant and Soil Science (1 credit semester class)

11th Grade: CTE Center – Meridian Campus

- ✓ Natural Resources I A & B (2 credit full year class)
- Adv. Leadership in Ag & Marketing
(1 credit semester class)
- Consumer Economics/Ag Business
(1 credit semester class)

12th Grade: CTE Center – Meridian Campus

- ✓ Natural Resources II A & B (2 credit full year class)

Natural Resources Pathway

AG 150 - Introduction to Plant Science

Course Number(s): 18053T1010
Open to: 9, 10
Credit: 1 (1 period, 1 semester)
Prerequisite: None
Content: A course designed to examine soil and plant relationships that affect the production of food and fiber. Topics include soils, irrigation, land judging, plants, crop and weed identification, diseases, insets and chemicals.

AG 510 – Botany/Plant & Soil Science

Course Number(s): 18051T1011
Open to: 10, 11
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful completion of Introduction to Plant Science (Students are allowed to take this course concurrently with Intro to Plant Science)
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.

Natural Resources I – CTE Center – Meridian Campus

Course Number(s): 180015T1011
Open to: 11, 12
Credit: 2 (1 period, 2 semesters)
Prerequisite: Successful completion of Botany/Plant & Soil Science
Content: This course will examine human land-use and the interactions between fields of study related to natural resources. Students will learn about forest, prairie/range, and aquatic ecosystems and their management practices by exploring local landscapes.

Natural Resources II – CTE Center – Meridian Campus

Course Number(s): 180015T1012
Open to: 12
Credit: 2 (1 period, 2 semesters)
Prerequisite: Successful completion of Natural Resources I
Content: This interdisciplinary course will investigate the provision of human well-being through relationships between animal science, plant science, and environmental science. Students will evaluate ways in which humans rely on the natural world for the provision of food, fuel, and fiber, as well as for mental and physical health through outdoor recreation. They will also explore how we can continue to enjoy these benefits today and for generations to come.

Welding/Fabrication Pathway – CTE Center – Meridian Campus

Students are scheduled for half-days when they travel and take classes at a CTE center. Most often, students must take two CTE classes to create a half-day schedule unless the class is a two-period long class. For full details, see the course description for each class.

It is highly recommended that students participate in the FFA student organization and Supervised Agricultural Experiences (SAE) projects.

RECOMMENDED COURSE SEQUENCE –

The ✓ symbol indicates required classes; 🔄 indicates concurrent credit.

9th Grade:

- Personal Skills Development (1 credit, semester class)
- Introduction to Mechanics (1 credit, semester class)
(only taught at Meridian, Mtn. View and Rocky Mountain for 9th graders)

10th Grade: (CTE center classes)

- ✓ Welding I (1 credit, **1st** semester class)
- Intro to Small Gas I (1 credit, semester class)
----- AND-----
- ✓ Welding II (1 credit, **2nd** semester class)
- Collision I (1 credit, semester class)

Other package classes to take with Welding I/II are: Intro to Mechanics, Auto I, or Diesel Tech I

11th Grade: (CTE center classes)

- Advanced Small Gasoline Engines 1 (2 credit, year-long class)
OR
- Collision II (2 credit, year-long class)
- Diesel II (2 credit, year-long class)
- ✓ Welding III (2 credit, year-long class)

12th Grade: (CTE center classes)

- Advanced Small Gasoline Engines 2 (2 credit, year-long class)
- ✓ Welding IV (student can take 1 credit in the Fall and 1-2 credits in the Spring); (1 period, 2 semesters)

For each semester a student takes Welding IV for one credit, they must select a package class. A Release period can count for a package class. Other options are: Consumer Econ./Ag Business Econ. or Adv. Leadership in Ag & Marketing. (Please note: to take Welding III/IV concurrently you must seek instructor approval.)

Welding/Fabrication Pathway

AG 210/211 –Welding I A & II B – CTE Center - Meridian Campus

Course Number(s): 18404T1011, 18404T1021
Open to: 10 (11th and 12th graders will be eligible if room is available in classes.)
Credit: 2 (1 period, 2 semesters)
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. In the second semester students will learn advanced stick-arc welding; advanced oxy-acetylene welding; MIG welding; TIG welding; metal types and identification; metal surfacing; soldering; and cold metal working.

AG 231 –Welding III A & B – CTE Center - Meridian Campus

Course Number(s): 18404T1031, 18404T1032
Open to: 11 (12th graders will be eligible if room is available and requirements are met.)
Credit: 2 (1 period, 2 semesters)
Prerequisite: Successful completion of Welding II B
Content: This course familiarizes students with basic mechanical theory and skills in the welding Industry as well as engineering and design. Students will be given the opportunity to certify in certain skills in welding and will be expected to learn blueprint reading. This course also develop skills in AUTO CAD drafting, drawing and machine manipulation. Students will learn plasma cutting techniques used in the welding industry. Basic wiring techniques will be emphasized with instruction including ohm's law, basic circuitry, electric motors, electrical code and irrigation.

AG 240 – Welding IV A & B – CTE Center - Meridian Campus

Course Number(s): 18405T1011, 18405T1012
Open to: 12
Credit: 1 to 3 credits--student can take 1 credit in the Fall and 1-2 credits in the Spring; (1 period, 2 semesters)
Prerequisite: Successful completion of Welding III A & B **OR** instructor approval to take Welding III and IV concurrently.
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. Certification: American Welding Society SENSE Level One

Small Gasoline Engines Pathway – CTE Center - Meridian Campus

Students are scheduled for half-days when they travel and take classes at a CTE center. Most often, students must take two CTE classes to create a half-day schedule unless the class is a two-period long class. For full details, see the course description for each class.

It is highly recommended that students participate in the FFA student organization and Supervised Agricultural Experiences (SAE) projects.

RECOMMENDED COURSE SEQUENCE –

The ✓ symbol indicates required classes; 🎓 indicates concurrent credit.

9th Grade:

- Personal Skills Development (1 credit, semester class)
- Introduction to Mechanics (1 credit, semester class)
(only taught at Meridian, Mtn. View and Rocky Mountain for 9th graders)

10th Grade: (CTE center classes)

- ✓ Introduction to Small Gasoline Engines (1 credit, semester class)
- Welding I (1 credit, semester class)
-- And --
- Diesel Tech I (1 credit, semester class)
- Welding II (1 credit, semester class)

Other package classes to take with Welding I & II, for students who may have taken these classes at their home high schools:
Auto Tech I, Intro to Mechanics, and Collision I.

11th Grade: (CTE center classes)

- ✓ Advanced Small Gasoline Engines I (2 credit, year-long class)
- Welding III (2 credit, year-long class)
OR
- Collision II (2 credit, year-long class)
- Diesel II (2 credit, year-long class)

Other options are:
Consumer Econ./Ag Business Econ. or Adv. Leadership in Ag & Marketing. Seniors may also package with a Release period.

12th Grade: (CTE center classes)

- ✓ Advanced Small Gasoline Engines II (2 credit, year-long class)
- Welding IV (2 credit, year-long class)

Small Gasoline Engines Pathway

AG 130 – Introduction to Mechanics – CTE Center - Meridian Campus

(Also taught at Rocky Mountain High School and Mountain View High School)

Course Number(s): 18401T1011
Open to: 9, 10
Credit: 1 (1 period, 1 semester)
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

(Also taught at Rocky Mountain High School and Mountain View High School)

Course Number(s): 20110T1011
Open to: 10
Credit: 1 (1 period, 1 semester)
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; identification and ordering parts.

AG 223 – Advanced Small Gasoline Engines I A & B – CTE Center - Meridian Campus


Course Number(s): 20110T1021, 20110T1022
Open to: 11, 12
Credit: 2 (1 period, 2 semesters)
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.

AG 220 – Advanced Small Gasoline Engines II A & B – CTE Center - Meridian Campus


Course Number(s): 20110T1031, 20110T1032
Open to: 12
Credit(s): 2 (1 period, 2 semesters)
Prerequisite: Successful completion of Advanced Small Gasoline Engines I A & B
Content: A course designed to develop skills in selection, operation, and maintenance of small air-cooled engines, multi-cylinder engines, hydraulics, electric motors, and agricultural machinery and tractors. Certification: Stihl Bronze Certification; and optional, Equipment and Engine Training Council (EETC) 4 Stroke Engine Certification.

Summer Classes and Internships

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

Course Number(s): 18998T1011
Open to: 10, 11, 12
Credit: 1
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 & Career Experience (Supervised Agricultural Experiences –SAE- & Summer Programs)

Course Number(s): 18998T1021
Open to: 10, 11, 12
Credit: 1
Prerequisite:  FFA Membership and must be arranged with instructors
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.

Automotive Technology Pathway – CTE Center - Meridian Campus

Students are scheduled for half-days when they travel and take classes at a CTE center. Most often, students must take two CTE classes to create a half-day schedule unless the class is a two-period long class. For full details, see the course description for each class.

RECOMMENDED COURSE SEQUENCE –

The ✓ symbol indicates required classes; 🎓 indicates concurrent credit.

9th Grade:

- Introduction to Mechanics (1 credit, semester class)
(only taught at Meridian, Mountain View and Rocky Mountain for 9th graders)

10th Grade: (CTE center classes)

- ✓ Automotive Technology I (1 credit, semester class)
- Diesel Tech I (1 credit, semester class)
--OR--
- Introduction to Mechanics (1 credit, semester class)

Other package classes to take with Auto I are:
Collision I or Intro to Small Gas.

11th Grade: (CTE center classes)

- ✓ Automotive Technology II (4 credit, year-long class)
(this class runs two-periods long, no package class needed)

12th Grade: (CTE center classes)

- ✓ Automotive Technology III (4 credit, year-long class)
(this class runs two-periods long, no package class needed)

Automotive Technology Pathway

Automotive Technology I – CTE Center - Meridian Campus

Course Number(s): 20103T1011
Open to: 10 (11th and 12th graders will be eligible if room is available in classes.)
Credit: 1 (1 period, 1 semester)
Prerequisite: None
Content: This course provides an overview of the fundamentals of automotive technology including vehicle systems and engine operations. Students are expected to learn the technical names of all vehicle parts including their locations.

Automotive Technology II A & B – CTE Center - Meridian Campus

Course Number(s): 20103T2021, 20103T2022
Open to: 11 (12th graders will be eligible if room is available and requirements are met.)
Credit: 4 (2 periods, 2 semesters)
Prerequisite: Successful completion of Automotive Technology I with a minimum final grade of 70% or higher
Content: As students progress through the coursework, they spend more hands on time applying what they are learning in a state-of-art automotive lab designed to emulate an industry automotive shop. While in the shop, students learn the proper use of tools, safety procedures and shop operations as they work in student groups to diagnose, troubleshoot and fix various vehicle components and systems.

Automotive Technology III A & B – CTE Center - Meridian Campus

Course Number(s): 20103T2031, 20103T2032
Open to: 12
Credit: 4 (2 periods, 2 semesters)
Prerequisite: Successful completion of Automotive Technology II A & B with a minimum final grade of 70% or higher
Transportation: Students will have to provide their own transportation if they receive an internship opportunity.
Content: Students spend the majority of time in a state-of-art shop where they work in small groups of 2-3 students on various makes and models of vehicles. Students are challenged to collaborate on diagnostics and repairs. They learn how to order parts and implement a work order. Coursework includes applied knowledge and practices, which cover a wide range of auto technology skillsets such as knowledge of engine performance and vehicle systems such as computer, fuel, electrical and electronics, cooling, emissions, drive trains, suspension, brakes, security and navigation. Overall, the course focuses on students advancing their knowledge of Automotive Service Excellence (ASE) industry standards. The program is designed to prepare students for an entry level positions and/or postsecondary program success.

Collision Repair Pathway – CTE Center - Meridian Campus

Students are scheduled for half-days when they travel and take classes at a CTE center. Most often, students must take two CTE classes to create a half-day schedule unless the class is a two-period long class. For full details, see the course description for each class.

RECOMMENDED COURSE SEQUENCE –

The ✓ symbol indicates required classes; 🎓 indicates concurrent credit.

9th Grade:

- Introduction to Mechanics (1 credit, semester class)
(only taught at Meridian, Mtn. View, and Rocky Mountain for 9th graders)

10th Grade: (CTE center classes)

- ✓ Collision 1 (1 credit, semester class)

PACKAGE CLASS OPTIONS:

- Introduction to Small Gasoline Engines (1 credit, semester class)
OR
- Welding IA/Welding IIB (1 credit, semester classes)
 - IF you choose the Welding option, you must select one more packaged class from the box to the right.

Other package classes to take with Collision I are:
Auto I, Intro to Mechanics, or Diesel Tech I.

11th Grade: (CTE center classes)

- ✓ Collision Repair II (2 credit, year-long class)
OR
- ✓ Advanced Small Gasoline Engines I (2 credit, year-long class)
- ✓ Diesel II (2 credit, year-long class)
- Welding III (2 credit, year-long class)

12th Grade: (CTE center classes)

- ✓ Collision Repair III (4 credit, year-long class)
(this class runs two-periods long, no package class needed)

Collision Repair Pathway

Collision Repair I – CTE Center - Meridian Campus

Course Number(s): 20116T1011
Open to: 10 (11th and 12th graders will be eligible if room is available in classes.)
Credit: 1 (1 period, 1 semester)
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 – CTE Center - Meridian Campus

Course Number(s): 20116T1021, 20116T1022
Open to: 11 (12th graders will be eligible if room is available and requirements are met.)
Credit: 2 (1 period, 2 semesters)
Prerequisite: Successful completion of Collision Repair I with a minimum final grade of 70% or higher
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 – CTE Center - Meridian Campus

Course Number(s): 20116T2033, 20116T2034
Open to: 12
Credit: 4 (2 periods, 2 semesters)
Prerequisite: Successful completion of Collision Repair II A & B with a minimum final grade of 70% or higher
Transportation: Students **MUST** provide their own transportation if they are selected for an off-campus internship.
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, customer relation skills, estimating, uni-body and full frame repair, and workplace readiness training. Students have the opportunity to work on their own vehicles.

Diesel Technology – CTE Center - Meridian Campus

Students are scheduled for half-days when they travel and take classes at a CTE center. Most often, students must take two CTE classes to create a half-day schedule unless the class is a two-period long class. For full details, see the course description for each class.

RECOMMENDED COURSE SEQUENCE –

The ✓ symbol indicates required classes; 🔄 indicates concurrent credit.

RECOMMENDED COURSE SEQUENCE – The ✓ symbol indicates required classes.

9th Grade:

- Introduction to Mechanics (1 credit, semester class)
(only taught at Meridian, Mountain View, and Rocky Mountain for 9th graders)

10th Grade: (CTE center classes)

- ✓ Diesel Tech I (1 credit, semester class)
- Auto Tech 1 (1 credit, semester class)
--OR--
- Welding IA/Welding IIB (1 credit, semester classes)
 - IF you choose the Welding option, you must select one more packaged class from the box to the right.

Other package classes to take with Diesel Tech I are:
Intro to Mechanics or
Collision I or Intro to Small
Gas Engines

11th Grade: (CTE center classes)

- ✓ Diesel Tech II (2 credit, year-long class)
OR
- ✓ Advanced Small Gasoline Engines I (2 credit, year-long class)
- ✓ Collision II (2 credit, year-long class)
- Welding III (2 credit, year-long class)

12th Grade: (CTE center classes)

- ✓ Diesel Tech III (4 credit, year-long class)
(this class runs two-periods long, no package class needed)

Diesel Technology Pathway

Diesel Technology I – CTE Center - Meridian Campus

Course Number(s): 20107T1010
Open to: 10 (11th and 12th graders will be eligible if room is available in classes.)
Credit: 1 (1 period, 1 semester)
Prerequisite: None
Content: This is the beginning level course of the diesel technology program. It includes instruction in inspection, maintenance, and repair of tracks, wheels, brakes, operating controls, pneumatic and hydraulic systems, electrical circuitry, engines, and in techniques of welding and brazing. The course also includes training in applied communications, and employability skills including leadership, human relations, and safe efficient work practices. A course designed to introduce students to basic diesel applications.

Diesel Technology II A & B – CTE Center - Meridian Campus

Course Number(s): 20107T2011, 20107T2012
Open to: 11 (12th graders will be eligible if room is available and requirements are met.)
Credit: 2 (1 period, 2 semesters)
Prerequisite: Successful completion of Diesel Technology I with a minimum final grade of 70% or higher
Content: This second course in the program is designed to provide students with diesel applications, practice, and knowledge, including diesel-specific diagnostics, service, hydraulic repair, electrical, preventative maintenance inspection (PMI), and brakes. A hands-on approach with extensive training on mock-ups, functional vehicles and equipment will be utilized.

Diesel Technology III A & B – CTE Center - Meridian Campus

Course Number(s): 20107T2013, 20107T2014
Open to: 12
Credit: 4 (2 periods, 2 semesters)
Prerequisite: Successful completion of Diesel Technology II A & B with a minimum final grade of 70% or higher
Transportation: Students will have to provide their own transportation if they receive an internship opportunity.
Content: A course designed to provide students with team work, critical thinking, problem solving, diagnostics, and repairing to industry standards. Diesel-specific diagnostics, service, hydraulic repair, electrical, preventative maintenance inspection (PMI), and brakes. A hands-on approach with extensive training on mock-ups, functional vehicles and equipment will be utilized.

Early Childhood Education – CTE Center - Meridian Campus

Students are scheduled for half-days when they travel and take classes at a CTE center. Most often, students must take two CTE classes to create a half-day schedule unless the class is a two-period long class. For full details, see the course description for each class.

RECOMMENDED COURSE SEQUENCE –

The ✓ symbol indicates required classes; 🔄 indicates concurrent credit.

RECOMMENDED COURSE SEQUENCE – The ✓ symbol indicates required classes.

9th Grade:

- Teen Living I & II (1 credit, semester class)

10th Grade: (CTE center classes)

- ✓ Parent & Child Development A & B (2 credit, year-long class)

11th Grade: (CTE center classes)

- ✓ Early Childhood Education (2 credit, semester class)

12th Grade: (CTE center classes)




- ✓ Advanced Early Childhood Education (2 credit, semester class)

Early Childhood Education Pathway


Parenting & Child Development A & B

Course Number(s): 22204T1011, 22204T1012
Open to: 10, 11, 12
Credit: 2 (1 period, 2 semesters)
Prerequisite: None
Content: The purpose of this course is to build a positive understanding of children's growth and development and a solid foundation of parenting skills. This class includes hands-on work with 3-5 year- old children while running and organizing children's activities. Students learn about stages of human life—prenatal, infancy, childhood, adolescence, adulthood. Topics include: theories of development and growth, positive guidance and discipline techniques, building strong family relationships, health and safety practices, nutritional needs from birth through childhood, and influences on development and learning. This course is a prerequisite for Early Childhood Education and the Education Assistant programs and a good class for anyone interested in being a teacher, child care provider, nurse, doctor, or parent. It is also a great foundation for students interested in psychology, sociology, and human development. FCCLA (Family, Career, and Community Leaders of America) leadership activities are an integral part of this course.

Early Childhood Education

Course Number(s): 19153T2011
Open to: 11, 12
Credit:  2 (2 periods, one semester)
Prerequisite: Successful completion of Parenting and Child Development with a 70% or above. Application (see home high school counselor) will include high school transcript, attendance record and two letters of recommendation from teachers or employers.
Transportation:  Students must provide their own transportation. **For those students interested in this course, expect to attend class at Meridian High School.**
Content:  Early Childhood Education is a course designed to prepare students for employment in entry level positions in the field of early childhood care, education, and related services or for further education in early childhood education. Classroom learning experiences target employability skills, standards and laws, as well as management in early childhood education. Child development and guidance, health and safety, nutrition, and on-the-job training are also emphasized throughout the program. **Students must be able to pass a Criminal Background Check.**

Advanced Early Childhood Education

Course Number(s): 19153T2011
Open to: 12
Credit: 2 (2 Periods, 1 Semester)
Prerequisite: Successful completion of Early Childhood Education with a 70% or above.
Transportation:  **Students must provide their own transportation to their off-site center.**
Content: This is the capstone course in the Early Childhood Education pathway. Students who take this course will learn business management skills in the early childhood industry, day-to-day operations in a child care center, assist with record-keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel. This course also includes an internship with a local early childhood center working with infants, toddlers, or children with special needs. Students will learn Adult, Child, and Infant CPR/First Aid and can earn/renew a CPR certification. **Students must be able to pass a Criminal Background Check.**



CTE

Career & Technical Education

CTE Center – Renaissance Campus

1307 E. Central Drive
Meridian, ID 83642
(208) 350-5051

Construction Magnet

- Residential Construction Pathway

Culinary Arts Magnet

- Culinary Arts Pathway-American Culinary Federation Certified

Health Sciences Magnet

- Certified Nursing Assistant (CNA) Pathway
- Emergency Medical Technician (EMT) Pathway
- Pharmacy Technician Pathway

Pre-Engineering Magnet

- Pre-Engineering Pathway-Project Lead the Way Certified

Police, Fire & Emergency Services Magnet

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

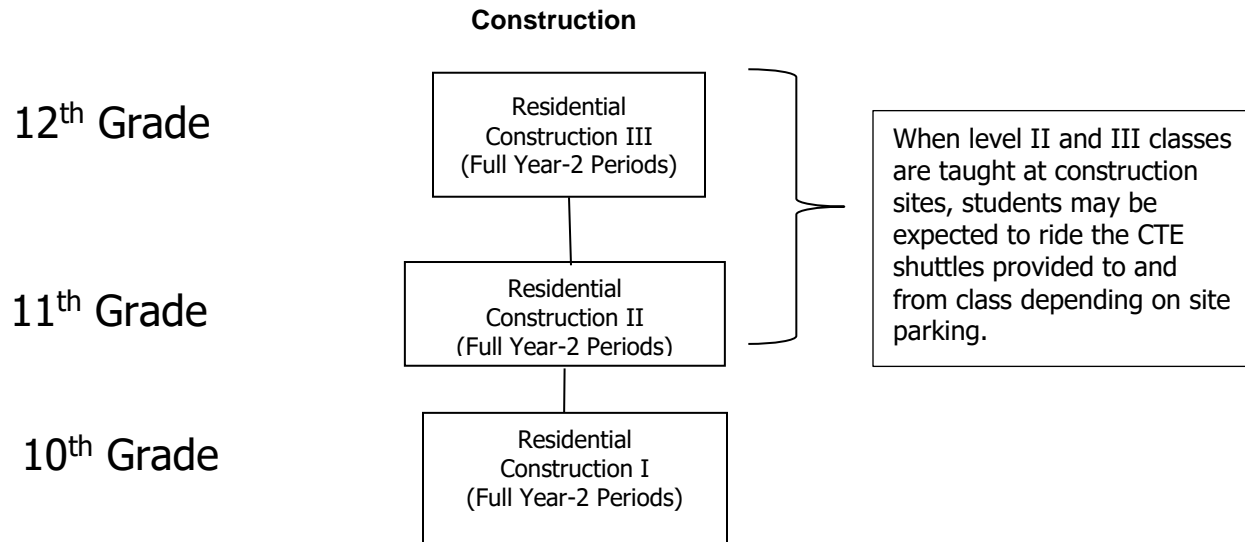
For more information about Career & Technical Education (CTE) magnet programs and available shuttle busing, visit www.westada.org/CTE

Construction Magnet

CTE Center - Renaissance Campus 1303 E. Central Drive, Meridian

The Construction Magnet Program, located at the CTE Center - Renaissance Campus, is open to all students in the West Ada School District. Coursework taken in the Construction Magnet leads to postsecondary programs and careers in designing, constructing, and maintaining the built environment.

Suggested Course Sequence



Construction Magnet

Residential Construction I A & B – CTE Center - Renaissance Campus

Course Number(s): 17003T2011, 17003T2012

Open to: 10, 11, 12

Credit: 4 (full year, 2 periods)

Prerequisite: None

Content: This course is an introduction to the construction industry. Students will develop valuable skills through hands-on projects. They will be instructed in the proper and safe use of hand and power tools. They will be introduced to different types of building materials, blueprint reading and construction math. Student will participate in building structures that teach them introductory skills to help them advance in the construction program. Students are expected to wear proper clothing in the lab. **Long pants and closed toe shoes or boots are required. Shorts are not allowed.**

Residential Construction II A & B – Course offered at an off- campus construction site

Course Number(s): 17003T2021, 17003T2022

Open to: 11, 12

Credit: 4 (full year, 2 periods)

Prerequisite: Successful completion of Residential Construction I A & B and successful completion of 10 hour on-line OSHA training course (this will be offered at the beginning of the course)

Transportation: Students may be expected to ride the CTE shuttles provided to and from class depending on site parking.

Content: 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. ***Students are expected to wear proper clothing on construction sites. Long pants and closed toe shoes or boots are required. Shorts are not allowed.**

Residential Construction III A & B - Course offered at an off- campus construction site

Course Number(s): 17003T2031, 17003T2032

Open to: 12

Credit: 4 (full year, 2 periods)

Prerequisite: Successful completion of Residential Construction II A & B and successful completion of 10 hour on-line OSHA training course (this will be offered at the beginning of the course)

Transportation: Students may be expected to ride the CTE shuttles provided to and from class depending on site parking.

Content: This course presents students with the opportunity to further their construction knowledge on an active job site. Safety, terminology, materials, tools, processes, skills and construction technology are included in the content. Student will have the opportunity to participate in or observe most aspects of residential construction. Emphasis is placed on safety while developing construction knowledge and skills to prepare students for employment in the construction industry. Residential Construction III students will strengthen construction knowledge while getting an opportunity to oversee and coordinate projects. ***Students are expected to wear proper clothing on construction sites. Long pants and closed toe shoes or boots are required. Shorts are not allowed.**

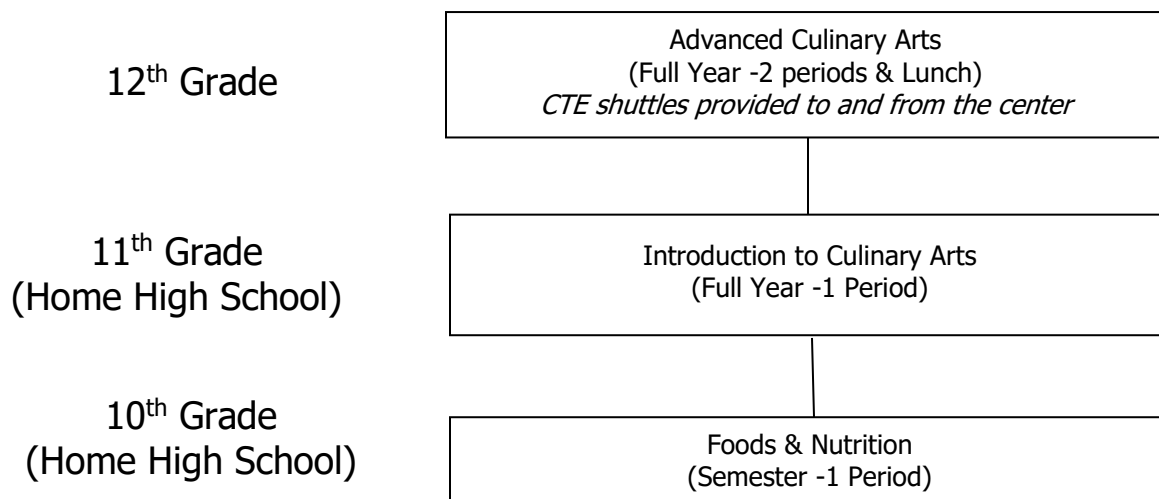
Culinary Arts Magnet

CTE Center - Renaissance Campus

1303 E. Central Drive, Meridian

The Culinary Arts Magnet, located at the CTE Center - Renaissance Campus, 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 in the program have the opportunity to attain a *Ready Set Food Safe* and the *National Restaurant Association ServSafe Certification*.

Suggested Course Sequence



Culinary Arts Magnet

Foods & Nutrition

Course Number(s): 22202T1011
Open to: 10, 11
Credit: 1 (1 period, 1 semester)
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

Course Number(s): 16055T1011, 16055T1012
Open to: 11, 12
Credit: 2 (1 period, 2 semesters)
Prerequisite: Successful completion of Foods & Nutrition and Ready Set Food Safe Certification
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 – CTE Center - Renaissance Campus

Course Number(s): 19998T2011, 19998T2012
Open to: 12
Credit: 4 (2 periods, 2 semesters) **2nd Period through 3rd Period; Lunch Break is included**
Prerequisite: Introduction to Culinary Arts and Ready Set Food Safe Certification. A minimum final grade of 70% must be achieved in the Introduction to Culinary Arts A & B class and a teacher recommendation is needed.
Transportation: **Students are encouraged to participate in a minimum of 8 hours of food industry externships per semester. They must provide their own transportation to these off-site events.**
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.

Health Science Magnet

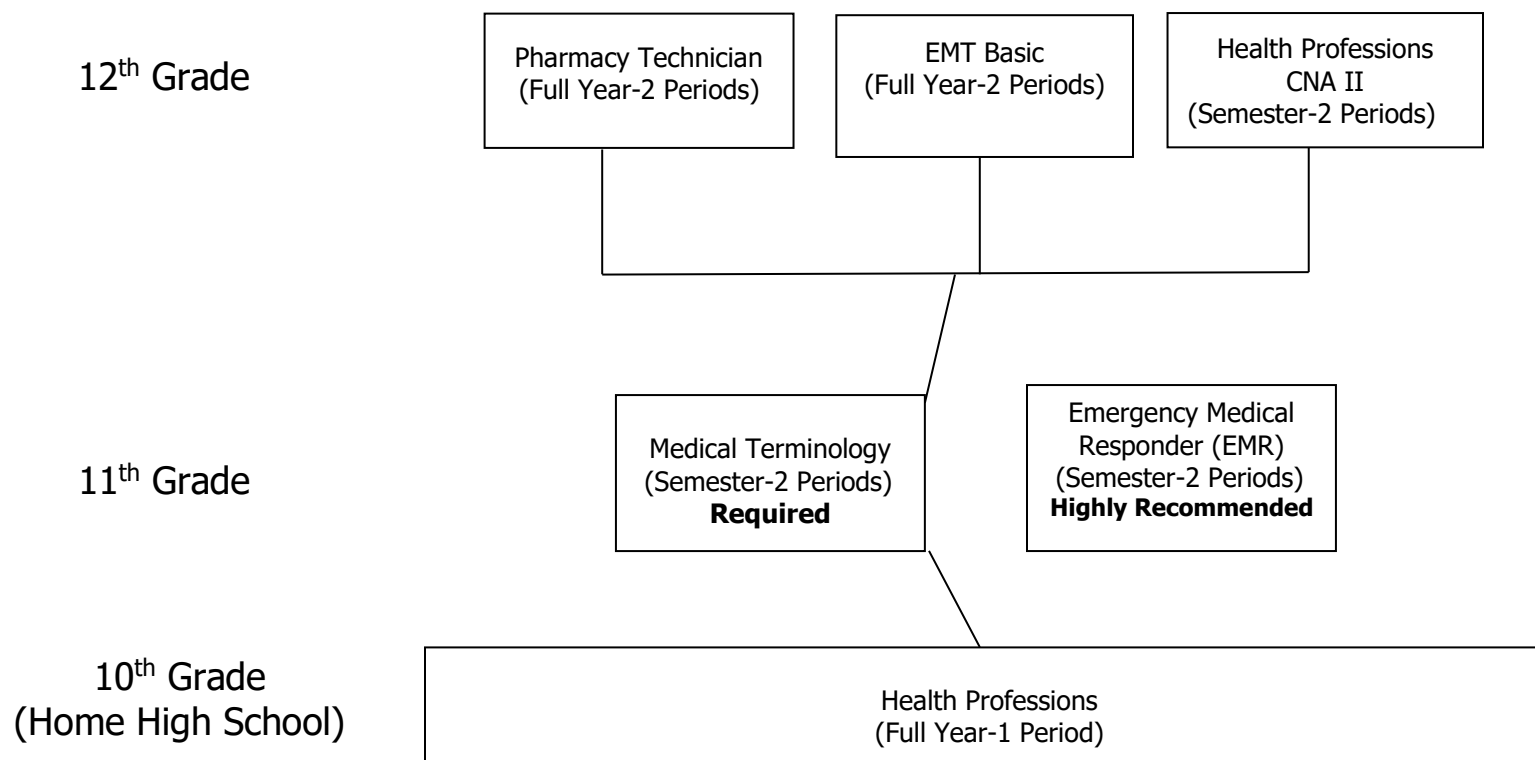
CTE Center - Renaissance Campus

1303 E. Central Drive

Meridian, ID 83642

The Health Science Magnet, located at the CTE Center - Renaissance Campus, 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.

Pathway Options and Suggested Course Sequence



Revised: 12/11/2018

Health Sciences Magnet

Health Professions A & B

Course Number(s): 14001T1011, 14001T1012

Open to: 10, 11

Credit: 2

Prerequisite: None


Content: This course is designed for students interested in the Health Careers Pathway or medical field. The course is also the prerequisite to the following upper level courses; 1) Certified Nursing Assistant (CNA), 2) Emergency Medical Technician (EMT), 3) Pharmacy Technician, 4) Medical Terminology, 5) Sports Medicine 2 & 3 and 6) Physical Therapy Aide (PTA). Students will receive a robust overview of the following content areas: the health care industry, medical careers, first aid and CPR, medical terminology, anatomy and physiology, pathophysiology, pharmacology, and basic medical skills. **The course will also cover HS Health information. Students will receive the required health education credit for graduation by successfully completing the year-long course and passing the Health EOC.**

Medical Terminology for Health Professions – CTE Center - Renaissance Campus

Course Number(s): 14154T2042

Open to: 11, 12

Credit: 2 (one semester – 2 periods)

Prerequisite:  Health Professions A & B- This course is required prior to enrolling in Certified Nursing Assistant or Pharmacy Technician and EMT Basic.

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.

Emergency Medical Responder (EMR) – CTE Center - Renaissance Campus

Course Number(s): 14055T2010

Open to: 11, 12

Credit: 2 (1 semester – 2 periods)

Prerequisite: Successful completion of Health Professions A & B with a 70% or above.

Content: This course is designed to introduce students to the field of Emergency Medical Services (EMS). The primary focus of the Emergency Medical Responder (EMR) is to initiate immediate lifesaving care to critical patients who access the emergency medical system. EMRs possess the basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional EMS response, and to assist higher level personnel on the scene and during transport. Emergency Medical Responders perform basic interventions with minimal equipment. Students should be prepared to participate in class lecture, discussions and hands-on skills. Physical requirements include the ability to lift, move, bend and kneel. Students will be certified in BLS healthcare provider CPR during this course. **(It is not required, but highly recommended that you take this course before taking EMT Basic.)**


Health Professions CNA II – CTE Center - Renaissance Campus

Course Number(s): 14051T2011

Open to: 12

Credit: 2 (one semester – 2 periods)

Prerequisite: Successful completion of Health Professions A & B and Medical Terminology. **Students are required to meet the clinical regulations of the assigned clinical sites. This may include proof of immunizations, flu shot, TB test, and a criminal background check.** For students who do not pass the background check, a parent meeting will be called and an alternate placement will be determined.

Transportation:  Students **MUST** provide transportation for the clinical component of this course.

Content: This course is designed to prepare students for beginning employment as nursing assistants in long-term care facilities, hospitals, and other settings. Successful completion of the course qualifies the student to test for the National Nurse Aide Assessment Program (NNAAP) exam and to obtain the Certified Nursing Assistant (CNA) certification. **(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 will be provided and clean shoes are the responsibility of students. Students should be prepared to attend off-site clinical experiences and adjusted class times 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 – CTE Center - Renaissance Campus

Course Number(s): 14055T2011, 14055T2012

Open to: 12

Credit: 4 (full year – 2 periods)

Prerequisite: Successful completion of Medical Terminology and either Fire Services I A & B **or** Health Professions A & B. **Please note: Fire students need to refer to the suggested course sequence chart that shows the EMT magnet options.**

Transportation:  Students **MUST** provide their own transportation when participating in off-campus activities.

Content: This course is an introduction to pre-hospital care at the basic life support level. This is the entry level for working on an ambulance. At the conclusion of this course, students will be prepared and eligible to take the *National Registry Exam*. This includes a comprehensive written and skills exam. Students should be prepared to participate in class lecture, discussions and hands-on skills. Physical requirements include the ability to lift, move, bend, and kneel. The course covers a wide variety of traumatic injuries and medical problems that may be encountered in the pre-hospital environment. Students will receive BLS *CPR* at the beginning of the course. **Students who OPT to participate in either EMT ride-alongs and/or EMT clinical experiences will need to provide proof of immunizations and health insurance. These are optional activities.**



Pharmacy Technician A & B – CTE Center - Renaissance Campus

Course Number(s): 14197T2011, 14197T2012

Open to: 12

Credit: 4 (full year – 2 periods)

Prerequisite: Successful completion of Health Professions A & B, HS Math II A & B and Medical Terminology. Chemistry is highly recommended. Students must qualify with the instructor in order to be placed in an externship. Students will be given alternate assignments if they do not qualify.



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

Content: This course represents the heart of the ADA-CTE Center's Health Science Pathway. It prepares the student for a career as a Certified Pharmacy Technician (CPhT). The program also provides exposure to requirements for the Doctorate of Pharmacy degree and/or other Health Care careers. The course utilizes an ACPE-accredited (American Council of Pharmacy Educators) on-line *Pass Assured Pharmacy Technician Training* Module which prepares the student to sit for the Pharmacy Technician Certification Board's national PTCB Exam. The topics taught are: Medical Math/Terminology, Anatomy and Physiology, Disease States, and Pharmacology. Professionalism and Customer Service, as well as Medical Ethics and Pharmacy Law. Students gain practical lab skills through training at the ISU-Meridian Health Service Center's college facility and a state-of-the-art compounding lab. This is taught under the supervision of an ISU Pharmacy faculty member. An Externship occurs in the second semester under a preceptor pharmacist in a local pharmacy. **Students placed in an externship and/or planning to sit for the PTCB National Exam are responsible for the following:**

Externship Fees:

- Board of Pharmacy Technician-In-Training License (\$35) *exact price will be set by certifying agency*
- Fingerprinting and Background Check (\$42) *exact price will be set by certifying agency*

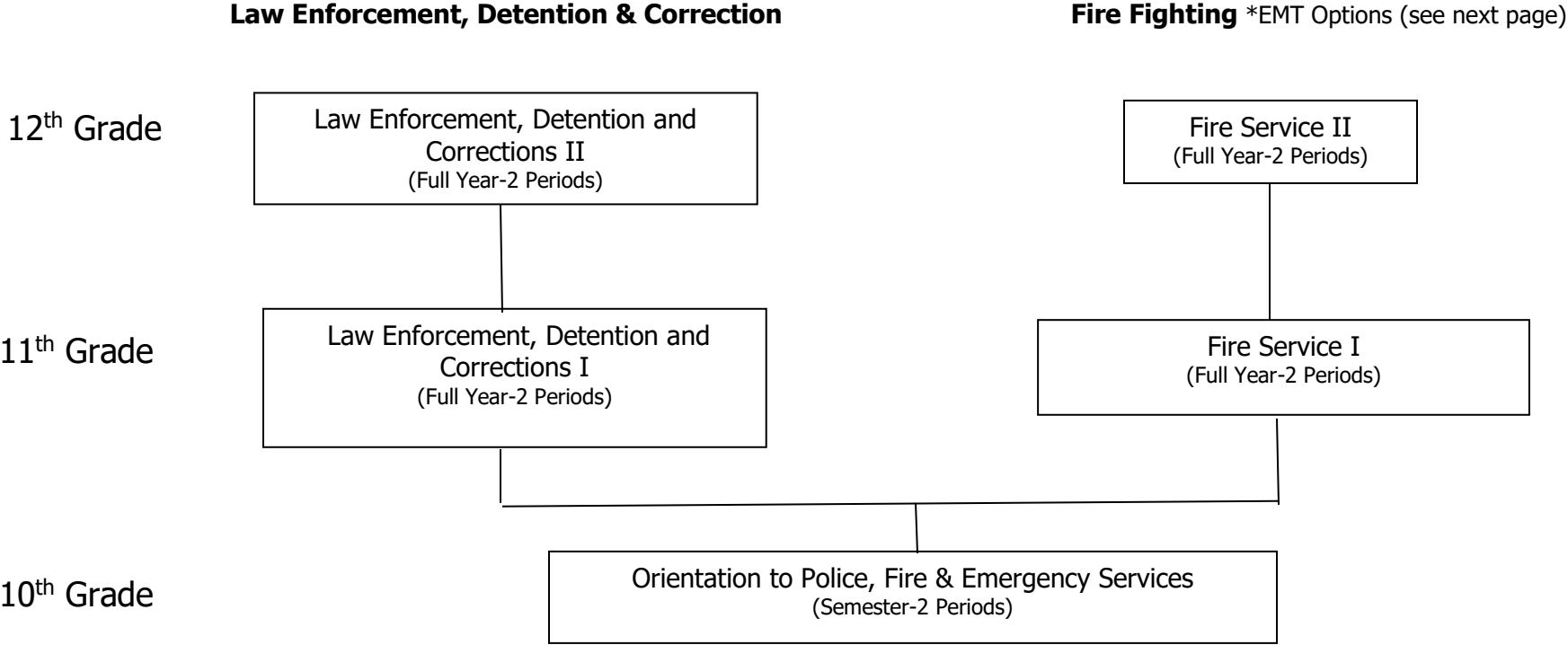
PTCB National Exam Fee: (\$129) *exact price will be set by certifying agency*

Police and Fire Services Magnet

CTE Center - Renaissance Campus
1303 E. Central Drive, Meridian, ID 83642

The Police, Fire & Emergency Services Magnet, located at the CTE Center - Renaissance Campus, prepares students for careers in law enforcement, detention, corrections, fire-fighting. Another option for Fire Service students is to also pursue emergency medical services training. Those options are highlighted on the following page. See Fire Services EMT Magnet Options.

Pathway Options and Suggested Course Sequence

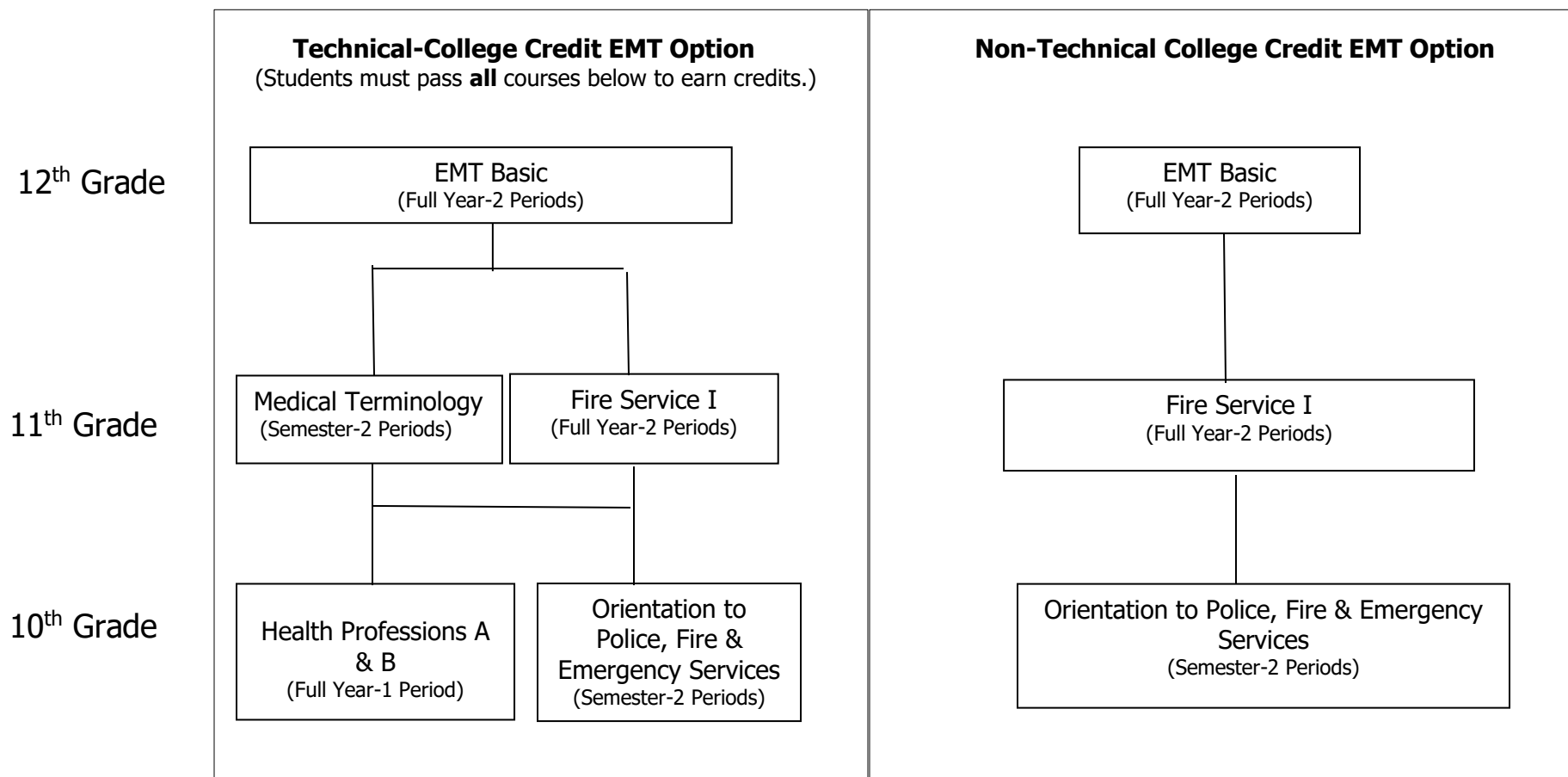


Fire Services EMT Magnet Options

CTE Center - Renaissance Campus

1303 E. Central Drive, Meridian, ID 83642

Credits are granted through College of Southern Idaho (CSI). The total number of credits are determined annually. See CTE instructor for complete details.



Police, Fire and Emergency Services Magnet

Orientation to Police, Fire & Emergency Services – CTE Center - Renaissance Campus

Course Number(s): 15001T2011
Open to: 10, 11 (12th graders will be eligible if room is available in classes.)
Credit: 2 (semester, 2 periods)
Prerequisite: None
Content: Fitness readiness is a requirement of this course. Course work topics include: Ethics and Professionalism, Introduction to Report Writing, Introduction to Criminal Justice, Introduction to Law Enforcement, Fire Fighting, Introduction to Emergency Medical Services, First Aid, CPR Training, and the National Incident Management System (NIMS). This program is designed to simulate recruit academies for the Law Enforcement and Fire Service. Students will be held to a professional standard that includes ethical decision making, respect, and self-discipline. During simulated drills, students will learn how to react to stressful situations as if they were on-scene of an incident.

Law Enforcement, Detention & Corrections Pathway

Law Enforcement, Detention & Corrections I A & B – CTE Center - Renaissance Campus


Course Number(s): 15051T2011, 15051T2012
Open to: 11, 12
Credit: 4 (full year, 2 periods)
Prerequisite: Successful completion of Orientation to Police, Fire & Emergency Services with a minimum final grade of a 70% or higher
Transportation: **Students must provide their own transportation for the few off-site training opportunities.**
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. This program is designed to simulate recruit academies for the Law Enforcement. Students will be held to a professional standard that includes ethical decision making, respect, and self-discipline. During simulated drills, students will learn how to react to stressful situations as if they were on-scene of an incident.

Law Enforcement, Detention & Corrections II A & B – CTE Center - Renaissance Campus


Course Number(s): 15099T2011, 15099T2012
Open to: 12
Credit: 4 (full year, 2 periods)
Prerequisite: Successful completion of Law Enforcement, Detention and Corrections I A & B
Transportation: **Students must provide their own transportation for the few off-site training opportunities.**
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. This program is designed to simulate recruit academies for the Law Enforcement. Students will be held to a professional standard that includes ethical decision making, respect, and self-discipline. During simulated drills, students will learn how to react to stressful situations as if they were on-scene of an incident.

Fire Fighting & Emergency Services Pathway

Fire Service I A & B – CTE Center - Renaissance Campus

Course Number(s):	15199T2011, 15199T2012
Open to:	11, 12
Credit:	4 (full year, 2 periods)
Prerequisite:	Successful completion of Orientation to Police, Fire & Emergency Services with a minimum final grade of a 70% or higher
Transportation:	 Students MUST provide their own transportation for the few off-site training opportunities such as ride alongs, trainings, and events with both the Meridian and Nampa Fire Departments.
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. This program is designed to simulate recruit academies for Fire Service. Students will be held to a professional standard that includes ethical decision making, respect, and self-discipline. During simulated drills, students will learn how to react to stressful situations as if they were on-scene of an incident.

Fire Service II A & B – CTE Center - Renaissance Campus

Course Number(s):	15199T2021, 15199T2022
Open to:	12
Credit:	4 (full year, 2 periods)
Prerequisite:	Successful completion of Fire Service I A & B
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. This program is designed to simulate recruit academies for Fire Service. Students will be held to a professional standard that includes ethical decision making, respect, and self-discipline. During simulated drills, students will learn how to react to stressful situations as if they were on-scene of an incident.



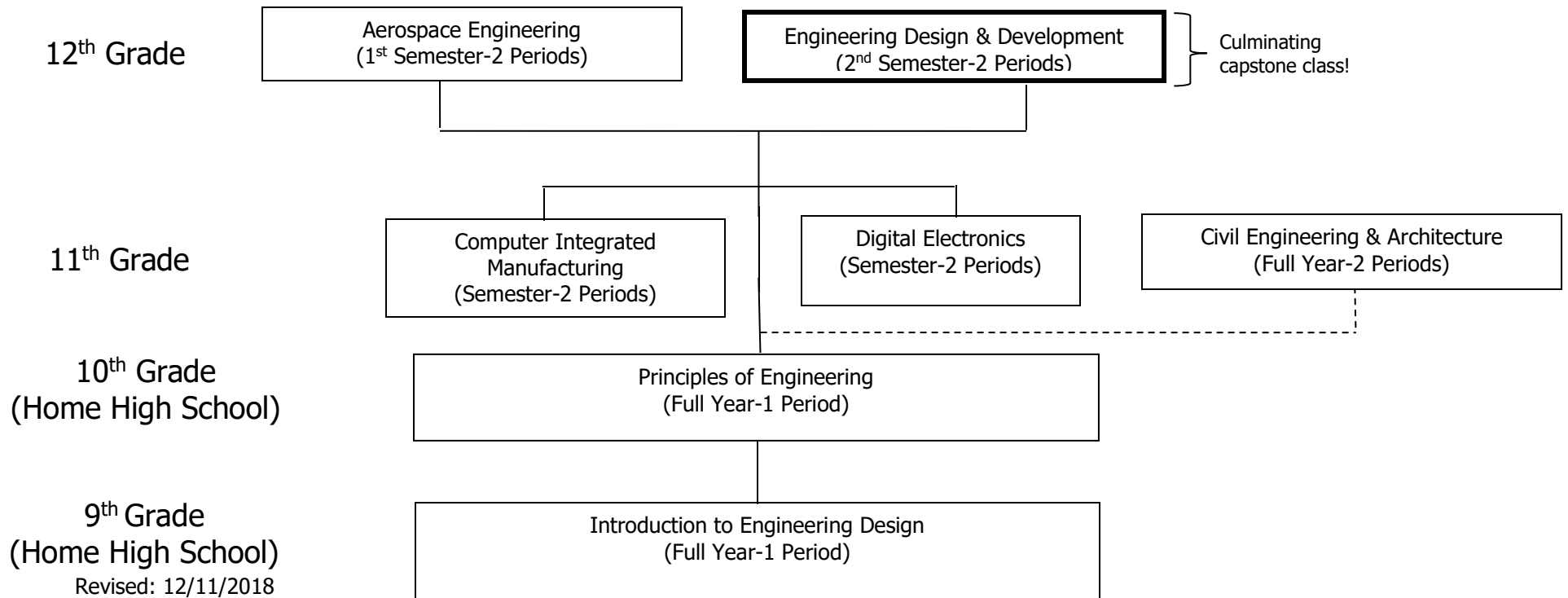
Pre-Engineering Magnet

CTE Center - Renaissance Campus

1303 Central Dr; Meridian, ID 83642

The Pre-Engineering Magnet, located at the CTE Center - Renaissance Campus, 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




Revised: 12/11/2018

Pre-Engineering Magnet

Introduction to Engineering Design A & B

Course Number(s): 21006T1011, 21006T1012
Open to: 9, 10
Credit: 2 (full year-1 period)
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

Course Number(s): 21004T1011, 21004T1012
Open to: 10, 11
Credit: 2 (full year-1 period)
Prerequisite:  Successful completion of Introduction to Engineering Design and concurrent enrollment in HS Math II A & B 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, 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 – CTE Center - Renaissance Campus

Course Number(s): 21010T2021
Open to: 11, 12
Credit: 2 (semester-2 periods)
Prerequisite: Successful completion Principles of Engineering A & B. Students must be concurrently enrolled in HS Math II or above. Digital Electronics is highly recommended.
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.

Digital Electronics – CTE Center – Renaissance Campus

Course Number(s): 21008T2012
Open to: 11, 12
Credit: 2 (semester-2 periods)
Prerequisite: Successful completion of Principles of Engineering A & B. Students must be concurrently enrolled in HS Math II or above. Computer Integrated Manufacturing is highly recommended.
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, programmable logic teamwork, communication methods, engineering standards and technical documentation.

Civil Engineering & Architecture A & B – CTE Center - Renaissance Campus


Course Number(s): 21012T2011, 21012T2012
Open to: 11, 12
Credit: 4 (full year-2 periods)
Prerequisite: Successful completion of Principles of Engineering A & B.
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 – CTE Center - Renaissance Campus

Course Number(s): 21015T2011
Open to: 12
Credit: 2 (1st semester-2 periods)
Prerequisite: Successful completion of Digital Electronics A & B and/or 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.

Engineering Design & Development – CTE Center - Renaissance Campus

Course Number(s): 21007T2012
Open to: 12
Credit: 2 (2nd semester-2 periods)
Prerequisite:  Successful completion of Digital Electronics and/or Computer Integrated Manufacturing, or Civil Engineering & Architecture A & B. Students must be concurrently enrolled in HS Math III A & B 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. Students in Engineering Design and Development are responsible for obtaining supplies specific to their group projects. Students are encouraged to seek out donations and/or recycled parts that can be used in completing their projects.



CTE

Career & Technical Education

CTE Center - Centennial Campus

12400 W. McMillan

Boise, ID 83713

(208) 855-4250

Computer Sciences Magnet

Web Design Pathway

- Web Design I
- Web Design & Development
- Database Design & Programming
- Advanced Web Design & Development

Programming Pathway

- Exploring Computer Science
- AP Computer Science Principles
- AP Computer Science
- Advanced Computer Science

For more information about Career & Technical Education (CTE) magnet programs and available shuttle busing, visit www.westada.org/CTE

Computer Sciences Magnet

CTE Center - Centennial Campus
Centennial High
12400 W. McMillan – Boise, ID 83713

<i>Course Sequence</i>	<i>Programming Pathway*</i>	<i>Web Design Pathway*</i>
12th Grade (Travel to CHS)	Advanced Computer Science A & B (1 year)	Advanced Web Design & Development A & B (1 year)
11th Grade (Travel to CHS)	AP Computer Science A & B (1 year)	Database Design & Programming A & B (1 year)
10th Grade (Travel to CHS)	AP Computer Science Principles A & B (1 year)	Web Design & Development A & B (1 year)
9th Grade (Home High School)	Exploring Computer Science (1 semester)	Web Design I (1 semester)

* Programming and Web Design pathways are packaged together for traveling students. For students who do not wish to take both pathway classes concurrently, plan to take a core class or a release at CHS as your package class since students travel for half-days (CTE shuttles are provided to and from the center.)

Computer Sciences: Programming & Web Design

Exploring Computer Science

Course Number(s): 10012T1011
Open to: 9, 10
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful Completion of Math 1 A-B or concurrently enrolled.
Content: This course is a survey of computer technologies. This course may include computer history, ethics of computer and network use, basic web design, introduction to graphics and animation, survey of computer hardware and operating systems, basic networking information, and basic programming principals.


Web Design I

Course Number(s): 12003T1021
Open to: 9, 10
Credit: 1 (1 period, 1 semester)
Prerequisite: Successful Completion of Math 1 A-B or concurrently enrolled.
Credit: 1
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 HTML, 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 & Development A & B - CTE Center - Centennial Campus

Course Number(s): 10201T1011, 10201T1012
Open to: 10, 11, 12
Credit: 2 (1 period, 2 semesters)
Prerequisite: Successful completion of Web Design I
Content: Web Design & Development continues where Web Design I ended, and students will learn how to make a variety of creative and valuable web sites with the new and exciting features offered by HTML 5, CSS 3, and JavaScript. We will also learn how to make highly interactive websites using techniques not covered in Web Design I, including an introduction to the server-side language PHP, as well as the MySQL database. Both of these are the foundation for websites that involve e-commerce, blogs, social media, and similar websites that are very modern, fun, and valuable for individuals, companies and organizations.

AP Computer Science Principles A & B – Advanced Placement - CTE Center - Centennial Campus

Course Number(s): 10157T1011, 10157T1012
Open to: 10, 11
Credit: 2 (1 period, 2 semesters)
Prerequisite: Exploring Computer Science
Content:  This AP course introduces students to the central ideas of computer science. It involves seven big ideas of computer science, including Creativity, Abstraction, Data & Information, Algorithms, Programming, Internet Connectivity, and Global Impact. The first big idea, Individual Creativity is highly emphasized throughout the course. AP credit can be earned by taking and passing a multiple choice College Board exam in May.


AP Computer Science A & B – Advanced Placement - CTE Center - Centennial Campus

Course Number(s): 10158E1011, 10158E1012

Open to: 11, 12

Credit: 2 (1 period, 2 semesters)

Prerequisite: AP Computer Sciences Principles A & B

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.


Database Design & Programming A & B - CTE Center - Centennial Campus

Course Number(s): 10201T1021, 10201T1022

Open to: 11, 12

Credit: 2 (1 period, 2 semesters)

Prerequisite: Web Design & Development A & B

Content:  A "database" is how a business organizes all of its data about employees, customers, students, patients, inventory, and all of the many other things that must be tracked. Students in this course will learn how to design and create databases such as MySQL, including both the creation of the database and its optimization using Entity Relationship Diagrams and Normalization. Students will also learn how to access the database on the server using the PHP programming language, and how to extract information from the database using the SQL language. This course is the 3rd course in a 4 year sequence of education for LAMP "full stack" website development. The 9th and 10th grade classes prepare front-end (client) skills of HTML 5, CSS 3, and JavaScript family languages, while this class and the 12th grade class prepares students for the back-end (server) skills. At the completion of this course, students will have the highly valuable skills needed to design, create, program, maintain, and use a database for a small organization or business, and after the 12th grade class students will be highly capable full-stack developers ready for college or career.

Advanced Computer Science A & B - CTE Center - Centennial Campus

Course Number(s): 10152T1021, 10152T1022

Open to: 12

Credit: 2 (1 period, 2 semesters)

Prerequisite: AP Computer Science A & B

Content: This capstone class extends all of the topics learned in the grade 9-11 classes, adding more depth, more teamwork, and more individual R&D. We will have four major units of study, each requiring about one quarter (9 weeks) of our school year: 1. Computer Networks: Cybersecurity 2. Computer Electronics: Microcomputers, Microcontrollers & Internet of Things 3. Computer Programming: Android Apps created with Java 4. Computer Controlled Manufacturing: 3D Printers, CNC Machines, & Robotics

About 75% of each module will be fundamentals taught step-by-step to every student in the class, followed by about 25% as a unit research project by either individual students or small teams of students. We will also have an overall research project, following nationally recognized rigorous procedures for formal R&D (e.g., Intel Science & Technology rules) to make sure our students are very well prepared for college or career.

Advanced Web Design & Development A & B - CTE Center - Centennial Campus

Course Number(s): 10201T1031, 10201T1032

Open to: 12

Credit: 2 (1 period, 2 semesters)

Prerequisite: Database Design & Programming A & B

Content: This advanced course will enable to students to build a complete website for a small business. Students will start with a core website involving HTML 5, CSS 3, and JavaScript. Students will then add PHP server side programming to interface with a MySQL database. The resulting website could be used, for example, for e-commerce with catalogs and shopping carts, or a website to manage a small business with inventory, employees, and customers.

Fast Forward Program

(funded by Idaho State Legislature)

The Fast Forward Program provides a total of **\$4125 per student** to be used throughout grades 7-12. Funds can be applied to any of the following: Concurrent Credit classes, Advanced Placement exams, International Baccalaureate exams, qualifying Career Technical Education exams, or overload courses. Instructions on how to access Fast Forward funds will be provided to students by their instructor, as registration dates approach for classes and exams. Information can also be found on the district website at <http://www.westada.org/fastforward>.

West Ada School District *Fast Forward* Guide

Step 1: Complete the **West Ada *Fast Forward* Participation Form** online.

- Go to the PowerSchool Parent Portal.
- Click on "*update student information*" bottom left corner.
- Available forms will display. Click on *Fast Forward*.
- The process for the *Fast Forward* Participation form will only have to be completed once per student during their high school career.

Step 2: Obtain **college course information** from student's high school teacher.

- High School teachers will provide student with the college concurrent credit course information or exam name (AP, CTE, or IB).

Step 3: Create an account in the **Advanced Opportunities Portal**.

- Only one account can be created per student. If a student has an existing account, they will proceed to "Step 4" below to request funding.
- To create an account:
 - Log in to Advanced Opportunities Portal (<http://advancedops.sde.idaho.gov/>) and create account.
 - Use Chrome as your browser (most other browsers will work too). **Do not use Internet Explorer!**
 - Follow instructions provided by high school teacher or located on West Ada District webpage under "*Academics*" and "*Fast Forward Program*".
 - Student full legal first and last name as it appears in PowerSchool must be used when creating account.
 - Choose West Ada in drop down menu.

Step 4: Request funding through the Advanced Opportunities Portal.

- Log in to the Advanced Opportunities Portal (<http://advancedops.sde.idaho.gov/>) to request funding for EACH class or exam.
 - Use Chrome as your browser (most other browsers will work too). **Do not use Internet Explorer!**
- Follow instructions provided by high school teacher or located on West Ada District webpage under "*Academics*" and "*Fast Forward Program*".
- West Ada is in drop down menu. Funding **MUST** be requested during the same semester that the student registers for the course or exam. Most year-long BSU, ISU, NNU courses register in the fall. Most year-long CWI courses register in the spring. IB exam registration is in the fall. AP and most CTE exam's register in the spring.

(continued on next page)

West Ada School District *Fast Forward* Guide *(continued)*

Step 5: Register for the course through the college/university or with the high school for an AP, IB, or CTE exam. Your teacher will provide instructions on how to enroll for the course or exam.

Important points to remember:

- ✓ Requesting *Fast Forward* funds does not register you for the course with the college (step 4).
- ✓ Registering for the course with the college does not request *Fast Forward* funds (step 5).
- ✓ **All steps must be complete prior to *Fast Forward* deadlines or payment for courses/exams will be the responsibility of the student/parent.**
- ✓ ***Fast Forward* deadlines will be provided each semester by the teacher/school.**
- ✓ You can check the status of your *Fast Forward* funds requests by logging in to the Advanced Opportunities Portal (<http://advancedops.sde.idaho.gov/>) and selecting previous course applications.

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 one to two 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.



Concurrent Credit (Dual Credit):

Students enrolled in a concurrent credit class are taught on a level comparable to a freshman college course **using university-approved instructional materials**. 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.**

AP (Advanced Placement): 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.

CTE (Career and Technical Education): CTE program classes offer students applied learning opportunities that align to in-demand job workplace skills. Coursework is designed to prepare students for employment certification exams, a seamless transition on to postsecondary technical colleges, or industry skills applicable to employment readiness. Some of the essential components of establishing a CTE program is to maintain an active industry advisory board, provide state-of-art equipment and curriculum that meets industry standards, and to promote CTE student organizations, which provide students with opportunities to develop leadership skills as well as competition opportunities to showcase their CTE skills. To learn more, visit www.westada.org/CTE

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 AP credits?

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

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 universities 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 exams are scored 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.

In a Concurrent Credit class, students earn college credit based on their work over the course of the year or semester as opposed to earning credit based on an exam at the completion of the course.