

Career and Technical Education Center
School Districts #91, #60, #59, #252

Our Mission

To provide students a competitive advantage by fostering the development of the necessary skill-set and professional network to seek out technical training, collegiate opportunities or enter the workforce as a contributing member of their industry.

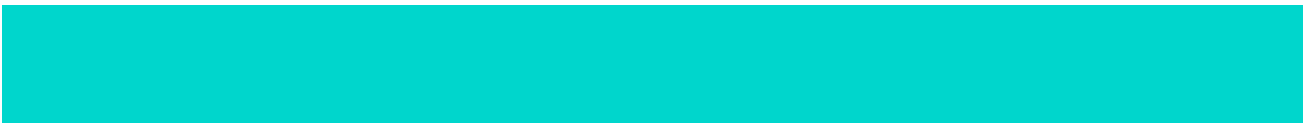


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Career & Technical Education Center

PROGRAM INFORMATION

Program Eligibility

Career and Technical Education (CTE) courses are offered for all high school students in the Eastern Idaho Cooperative Service Agency (EICSA) which includes Firth School District #59, Shelley School District #60, Idaho Falls School District #91 and Ririe School District #252.

Program Location

The CTE Center (CTEC) is located in downtown Idaho Falls at 450 E Street. Students will receive a parking permit at no charge.

Automotive courses are held at Idaho Falls High School Transportation Building room WS6. Parking is available in the IFHS parking lot off 7th Street. Students will receive a parking permit at no charge.

Transportation

District 91 bus transportation is provided to and from the home high school to the CTE Center. Students may drive themselves between schools. Students from outside of district 91 will need to make transportation arrangements.

Students who are attending internships/apprenticeships must provide their own transportation.

College Credits

CTE Advanced Opportunities links approved high school career-technical programs to certificate and degree programs at a technical college. Depending upon the CTE course, there may be two options for high school students interested in career-technical courses: CTE Dual Credit and Technical Competency Credit (TCC).

Fees Associated with Courses

Enrollment in the CTE Center is through your local high school. There is no additional tuition cost to attend. However, depending upon the program, students may be required to purchase items such as uniforms and certification exam fees.

Financial assistance is available to students who qualify: please contact us for more information.

Course Credits and Grading

Students can receive college credit hours and will earn a letter grade (A—F).

Career & Technical Education Center

English

English III/IV

Course No.:

LA580

ISEE010004

Prerequisite:

Must be taken with Health and Safety Professions classes and/or Culinary, Law, Construction, Welding, and Agriculture, etc.

Open to:

Grades 11,12 Meets at the CTE Center

Credit:

3 Trimesters – 3 Credits

Content:

Continue to develop writing skills and the techniques of doing research. Curriculum includes a study of British Literature from earliest writings through the present. Analytical writing and literature study are integrated into one program. Students will work on Workplace Readiness Certification.

Career & Technical Education Center

AGRICULTURE, FOOD, & NATURAL RESOURCES

Plant & Soil Science

Personal Skill Development

Course No.:	TP170	ISEE180513
Course No.:	TP171	ISEE182030
Prerequisite:	None	
Open to:	Grades 10,11,12 Meets at the CTE Center	
Credit:	Trimester – 2 Credits	
Content:	Plant and Soil Science combined with Personal Skill Development is a course designed to examine soil and plant relationships that affect the production of food and fiber and includes a comprehensive course in developing agricultural leadership, citizenship, and cooperation.	

Horticulture Plant Science

CTE Environmental Science

Course No.:	TP173	ISEE180515
Course No.:	TP174	ISEE180050
Prerequisite:	Intro to Horticulture (TP170) and Personal Skill Development	
Open to:	Grades 11,12 Meets at the CTE Center	
Credit:	Trimester – 2 Credits	
Content:	Horticulture Plant Science combined with Applied Greenhouse & Nursery Management is a course that prepares students to produce greenhouse/nursery plants and to maintain plant growth and propagation structures combined with greenhouse and nursery operation and management.	

Agriculture Communications and Leadership

Advanced Plant Science

Course No.:	TP405	ISEE182032
Course No.:	TP175	ISEE180514
Prerequisite:	Horticulture Plant Science and Environmental Science	
Open to:	Grades 11,12 Meets at the CTE Center	
Credit:	Trimester – 2 Credits (Course can be taken for 9 college credit through CSI)	
Content:	This course prepares individuals to serve in leadership and communication roles in agriculture. Course topics will include an examination of the journalistic, communication and broadcasting principles to develop and disseminate agricultural information, along with leadership principles related to leadership theory and personal leadership development. A career exploration—work-based learning experience-internship component is included in the course. <i>Students may complete industry certification: Idaho Department of Agriculture Pesticide Applicator, Idaho Department of Agriculture and Private Pesticide Applicator License.</i>	

Career & Technical Education Center

BUSINESS/TECHNOLOGY

Accounting II

Course No.:	BU202	ISEE121041
Prerequisite:	Accounting 1 (BU200)	
Open to:	Grades 11,12 Meets Online	
Credit:	Trimester – 1 Credit (Course can be taken for 3 college credits through CEI)	
Content:	Reinforces and expand the basic principles and procedures learned in Accounting I. Includes the study of corporate accounting, depreciation, inventories, and other higher level accounting principles. <i>Students may complete industry certification: MOS Microsoft Excel and Intuit QuickBooks Certified User.</i>	

Business Administration

Course No.:	BU280	ISEE120030
Prerequisite:	Accounting 1 (BU200a)	
Open to:	Grades 11,12 Meets Online	
Credit:	Trimester – 1 Credit (Course can be taken for 6 college credits through CEI)	
Content:	A course designed to provide students project-based application of essential business and marketing competencies. The course demonstrates proficiency in the following areas: leadership, accounting principles, technology, salesmanship, marketing/entrepreneurship, general business principles, business law, human relations skills, public speaking, business communications, keyboarding skill development, computer applications, career awareness, and job-seeking skills. <i>Students may complete industry certification: Microsoft Office Specialist, A.S.K. Fundamentals of Business Concepts and A.S.K. Fundamentals of Ethics.</i>	

Entrepreneurship

Course No.:	BU450	ISEE120530
Prerequisite:	Accounting 1 (BU200a)	
Open to:	Grades 11,12 Meets Online	
Credit:	Trimester – 1 Credit (Course can be taken for 3 college credit through CEI)	
Content:	Students learn the skills, attitudes, characteristics, and techniques necessary to become successful business owners or entrepreneurs. Explore starting a business and learn about operational issues and financial risks. Finally, students identify the risks, returns, and other aspects of entrepreneurship as a potential career. *WILL MEET NAF REQUIREMENT* . <i>Students may complete industry certification: Entrepreneurship & Small Business (ESB), A.S.K. Concepts of Entrepreneurship and A.S.K. Fundamentals of Ethics.</i>	

BUSINESS/TECHNOLOGY (Continued)

Business Digital Communications

Course No.:	CS370	ISEE102014
Prerequisite:	Web Design 1 (CS280) or Web Design II (CS285) and Graphic Design 1 (CM400) or Graphic Design II (CM402) or Interactive Media Graphic II (CS315)	
Open to:	Grades 11,12 Meets Online	
Credit:	Trimester – 1 Credit (Course can be taken for 3 college credits through LCSA or NIC)	
Content:	A capstone course designed to integrate knowledge from Graphic Design and Web Design to develop through incorporation of sales, marketing, and customer interfaces. Students will increase their knowledge of design, visual communication, and professional communication in the world of business. <i>Students may compete industry certification: Adobe products –Ai, An, Id, Pr, Ps and Dw.</i>	

Web Design & Development I

Web Design & Development II

Course No.:	CS280	ISEE102012
Course No:	CS285	ISEE102013
Prerequisite:	None	
Open to:	Grades 10, 11,12 Meets at CTE Center	
Credit:	Trimester – 2 Credits	
Content:	Students enrolled in this course will learn the fundamentals of Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) and their vial relationship to each other. Students will distinguish the use of HTML and CSS as to content and presentation. Students will demonstrate knowledge of W3C compliant websites. Web page media will be developed for the World Wide Web using industry Standard development tools. The course will take the student rom the initial design to the launching of the accessible web site.	

Web Design & Development III

Interactive Media I

Course No.:	CS286	ISEE102015
Course No.	CS270	ISEE111530
Prerequisite:	Web Design & Development 1 & II	
Open to:	Grades 11,12 Meets at CTE Center	
Credit:	Trimester – 2 Credits (Course can be taken for 6 college credits through CEI)	
Content:	Students in this capstone class design, develop, and deploy fully functional eCommerce websites, to create an internet storefront for small business. The client-side is developed as an attractive and functional customer user interface created with HTML5, CSS3, and JavaScript along with contemporary libraries and frameworks such as jQuery. <i>Students may complete industry certification: multiple Microsoft Technology Associate (MTA) certifications, CIW Site Development Associate and CIW Web Foundations Associate.</i>	

Career & Technical Education Center

BUSINESS/TECHNOLOGY (Continued)

Interactive Media II

Digital Communications

Course No.: CS315 ISEE111534

Course No.: CS375 ISEE102014

Prerequisite: Web Design & Development III and Interactive Medi I

Open to: Grades 11,12 **Meets at the CTE Center**

Credit: Trimester – 2 Credits **(Course can be taken for 3 college credits through LCSA or NIC and up to 16 college credits through CEI)**

Content: This is a capstone course helping students to prepare materials to web/print industry standards. Graphic Design, Video Editing and Web Design ensure students can create visually appealing designs across various media types. *Students may complete industry certification: Adobe products—Ai, An, Id, Pr, Ps and Dw.*

Programming I & Cyber Security

Course No.: TP890 ISEE101522

Prerequisite: None, **Course meets for 2 periods**

Open to: Grades 11,12 **Meets at CTE Center**

Credit: Trimester – 2 Credits

Content: Students enrolled in this class will learn the fundamentals of programming and cyber security. This course provides the beginning programmer with a solid foundation in programming fundamentals, using visualization and application. The course reviews basic programming concepts such as structure, decision making, looping, arrays, and method calling and enforces good style and logical thinking. Advanced topics include inheritance, exceptions, GUI's, events, and files. Cyber topics will include: social engineering, malicious programs and network basics.

Programming II & Cyber Security

Course No.: TP891 ISEE101523

Prerequisite: Programming I & Cyber Security, **Course meets for 2 periods**

Open to: Grades 11,12 **Meets at the CTE Center**

Credit: Trimester – 2 Credits (Course can be taken for college credit through CEI)

Content: Students will build on knowledge and explore opportunities in programming, networking and cyber security.

Programming III & Cyber Security

Course No.: TP892 ISEE101524

Prerequisite: Programming II & Cyber Security, , **Course meets for 2 periods**

Open to: Grades 11,12 Meets at the CTE Center

Credit: Trimester – 2 Credits **(Course can be taken for college credit through CEI)**

Content: This course is designed to be a capstone experience for the student where they will apply knowledge and skills learned throughout their course of study as they apply advanced programming and development topics. Students in this course will also investigate current and emerging technologies.

Career & Technical Education Center

CULINARY ARTS & HOSPITALITY

Culinary Arts A

Course No.:	TP920	ISEE160523
Prerequisite:	None. Course meets for 2 periods	
Open to:	Grades 11,12 Meets at the CTE Center	
Credit:	Trimester – 2 Credits (Course can be taken for 9 college credits through CSI)	
Content:	Culinary Arts teaches chef's basic skills. Students will learn safety and sanitation, recipes, and menu planning, what it means to sauté, learn the proper way to use a knife and many different cuts, make stock, learn about the layers of foundation of flavor and understand the method behind them. <i>Students can earn certification in Workplace Readiness, Idaho Food Safety Exam, and ServSafe Food Handler/Manager.</i>	

Culinary Arts B

Course No.:	TP921	ISEE160254
Prerequisite:	None, Course meets for 2 periods	
Open to:	Grades 11,12 Meets at CTE Center	
Credit:	Trimester – 2 Credits (Credits can be taken for college credit through CEI)	
Content:	Culinary Arts B prepares students to explore the exciting and developing profession in the culinary and hospitality industry. Learn about patisserie and baking. Students will learn safety and sanitation, baking and pastry including sweet and savory recipes. <i>Students can earn certification in Workplace Readiness, Idaho Food Safety Exam and ServSafe Food Handler/Manager.</i>	

Culinary Arts C

Course No.	TP922	ISEE160525
Prerequisite:	None. Course meets for 2 periods	
Open to:	Grades 11,12 Meets at CTE Center	
Credit:	Trimester – 2 High School Credits per trimester (Course can be taken for 9 college credits through CSI)	
Content:	Culinary Arts C prepares students to explore and learn about the restaurant industry. Students will explore hors d'oeuvres, appetizers, and canapes. Learn about catering services for everything from casual affairs to fine dining. Students will prepare restaurant quality food and focus on customer service and employment skills. This course includes and internship/work-based learning experience. <i>Students can earn certifications in the Workplace Readiness, Idaho Food Safety Exam and ServSafe Food Handler/Manager.</i>	

EDUCATION & TRAINING

Teaching Assistant Advanced

Course No.: TP262 ISEE191511

Prerequisite: None.

Open to: Grades 11,12

Credit: Trimester – 2 Credits– 2-hour block **(Students may earn college credit through CWI)**

Content: Students work with a teacher preparing to become a helper in the classroom (para-professional), a teacher, counselor, or coach. This is a great class for students interested in working with children. Students can earn CPR certification and Workplace Readiness Certification and the Para-Pro Certification. *Students can earn certifications in Workplace Readiness, CPR, Heartsaver First Aid Certification and ETS-Para-Pro Assessment.*

Career & Technical Education Center

HEALTH & SAFETY PROFESSIONS

Nursing Assistant

Course No.:	TP815	ISEE140510
Prerequisite:	None. Course meets for 2 periods all year	
Open to:	Grades 11,12 Meets at the CTE Center	
Credit:	3 Trimesters – 6 High School Credits (Course can be taken for 10 college credits through CEI)	
Content:	Certified Nursing Assistant training: 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 Assistant Program (NNAAP) exam and obtain the Certified Nursing (CAN) certification. Clinical experiences are arranged with local businesses. Students will need transportation to clinical sites. Students earn credits for Allied Health/Fundamentals of Health Professions, Medical Terminology, and Nursing Assistant. Meets D91 Health graduation requirement. This course is a year-long course and can include English. <i>Students can earn certifications in Workplace Readiness, First Aid, CPR, Assist with Medications, and Idaho State C.N.A.</i>	

Emergency Medical Technician—Basic

Course No.:	TP820	ISEE140550
Prerequisite:	None, Course meets for 2 periods	
Open to:	Grades 11,12 Meets at CTE Center all year	
Credit:	3 Trimesters—6 High School Credits (Course can be taken for 14 college credit through CSI)	
Content:	Emergency Medical Technician, a person who serves as a vital link in the chain of the health care team at basic life support level with an ambulance service or other specialized service. EMT introduces students to pre-hospital care at the basic life support level needed to assist ambulance patients. The coursework is designed to provide the skills, knowledge, and instruction for students to be able to successfully pass the National Registry Exam. Students may earn college credits for Allied Health/Fundamentals of Health Professions, Medical Terminology, and EMT. Meets D91 Health graduation requirement. This course is a year-long course and can include English. <i>Students can earn certifications in the Workplace Readiness, First Aid, CPR, Assist with Medications, and NREMT.</i>	

HEALTH & SAFETY PROFESSIONS (Continued)

Pharmacy Technician

Course No.:	TP825	ISEE141520
Prerequisite:	None. Course meets for 2 periods	
Open to:	Grades 11,12 Meets at the CTE Center	
Credit:	3 Trimesters – 6 High School Credits (Course can be taken for 9 college credits through ISU)	
Content:	Pharmacy Technician prepares the student for medical career such as a Certified Pharmacy Technician (CPht). 90% of the course work will be done online. Successful completion qualifies the student to take the Pharmacy Technician Certifying Board Certification exam if the student is graduating from high school and 18 years old. Students earn credits for Allied Health/Fundamentals of Health Professions, Medical Terminology, and Pharmacy Technician. Students can earn certifications in Workplace Readiness, First Aid, CPR, Assist with Medications, Certified Pharmacy Technician (CPht). Algebra II A & B and Chemistry are highly recommended. Meets D91 Health graduation requirement. This course is a year-long course and can include English. <i>Students can earn certifications in Workplace Readiness, First Aid, CPR, Assist with Medications, and Pharmacy Technician Certification Board (PTCB).</i>	

Pharmacy Technician II

Course No.:	TP826	ISEE141520
Prerequisite:	Pharmacy Technician I (TP825), Course meets for 2 periods	
Open to:	Grades 11,12 Meets at CTE Center	
Credit:	3 Trimesters—6 Credits (Course can be taken for 16 college credit through ISU)	
Content:	Pharmacy Technician II prepares students to complete the Basic Technical Certificate through the ISU-School of Technology Pharmacy Technician program. 90% of the course work will be done online. Students graduating from high school and 18 years qualify to take the Pharmacy Technician Certifying Board Certification exam. <i>Students can earn certifications in the Workplace Readiness, First Aid, CPR, Assist with Medications, and Pharmacy Technician Certification Board (PTCB).</i>	

HEALTH & SAFETY PROFESSIONS (Continued)

Law Enforcement A

Course No: TP430 ISEE150010
Prerequisite: None, **Meets for 2 periods**
Open to: Grades 11,12 **Meets at the CTE Center**
Credit: Trimester—2 Credits
Content: This course provides students with a basic understanding of the occupational choices in law enforcement, detention, corrections, firefighting, and emergency services. Students will attain first aid and CPR card and National Incident Management.

Law Enforcement B

Course No.: TP431 ISEE150040
Prerequisite: Law Enforcement A (TP430). **Course meets for 2 periods**
Open to: Grades 11,12 **Meets at the CTE Center**
Credit: Trimester – 2 Credits
Content: This is the second course in a three-course program. This course is designed to prepare students for an occupation within the criminal justice or law enforcement fields. Students will study basic criminal investigation techniques, mechanics of search, communications, emergency medical procedures, rescue and safety, traffic and crowd control, and related scenarios.

Law Enforcement C

Course No.: TP432 ISEE150041
Prerequisite: Law Enforcement B (TP431) **Course meets for 2 periods**
Open to: Grades 11,12 **Meets at the CTE Center**
Credit: Trimester—2 Credits
Content: This is the third course in a three-course program. This class is designed to prepare students for entry into occupations in law enforcement, corrections, or criminal justice. While students will not be able to be certified as police, corrections or criminal justice officers, they will be given the necessary skills to perform basic tasks in the occupation as auxiliary personnel and go on for further training at a postsecondary institution. Additional training will be provided in patrol techniques, weapons, investigations, court systems, defensive tactics, vehicle operations, fingerprinting and identification systems, and accident and criminal action prevention/investigation. *Students can earn certifications in the Workplace Readiness, First Aid, CPR, and Assist with Medications.*

HEALTH & SAFETY PROFESSIONS (Continued)

Firefighting A

Course No:	TP835a	ISEE151510
Prerequisite:	Meets for 2 periods	
Open to:	Grades 10, 11, 12 Meets at the CTE Center	
Credit:	Trimester—2 credits	
Content:	This course is designed to prepare students for an occupation within the firefighting career field. Students will study basic firefighting techniques, mechanics of search and rescue, communications, emergency medical procedures, rescue and safety, and related scenarios. Sections covered include fitness readiness, basic firefighting techniques, search and rescue, communications, emergency medical procedures report writing and fire behavior.	

Firefighting B

Course No.:	TP835b	ISEE151520
Prerequisite:	Firefighting A (TP430). Course meets for 2 periods	
Open to:	Grades 11,12 Meets at the CTE Center	
Credit:	Trimester – 2 Credits	
Content:	This course is designed to prepare students for an occupation within the firefighting career field. Students will study EMT basics, ambulance operations, extrication/gaining access, and incident command systems. Students will learn how to write good reports, the language to use in reports and reporting under the Idaho Criminal Code. Students will learn health and safety as it relates to preventing injuries and personal protective equipment.	

Firefighting C

Course No.:	TP835c	ISEE151521
Prerequisite:	Firefighting B (TP431) Course meets for 2 periods	
Open to:	Grades 11,12 Meets at the CTE Center	
Credit:	Trimester—2 Credits	
Content:	This is the third course in a three-course program. Students will learn about fire behavior, building construction, extinguishers, ropes and knots, rescue and extrication, forcible entry, ladders, ventilation, water supply, fire hoses, fire streams, fire controls, alarms, and loss of control. Students will learn about fire department communication systems, protecting the public, prevention and public education, and hazardous material procedures. <i>Students can earn certifications in the Workplace Readiness, First Aid, CPR, and Assist with Medications.</i>	

Career & Technical Education Center

SKILLED & TECHNICAL TRADES

Auto Tech I

Transportation Exploration & Small Engines

Course No.:	TP510	ISEE201030
Course No:	TP510	ISEE201033
Prerequisite:	None	
Open to:	Grades 10, 11,12 Meets at IFHS	
Credit:	Trimester – 1 Credit (Students may earn up to 6 college credits from CEI)	
Content:	Automotive careers, hand tools, safety, engine operation/classifications, cooling/lubrication systems, vehicle maintenance/inspection, basic electrical (series/parallel circuits, simple circuit diagnoses, OHMS Law, wire repair, use of multi-meters, fuel/ignitions systems, and computer system basics. Limited shop time with various job sheets (tasks) and some lab. Safety is stressed and practiced. Safety glasses are required.	

Auto Tech II a

Course No.:	TP512a	ISEE202031
Prerequisite:	Auto Tech I (TP510) Course meets for 2 periods	
Open to:	Grades 11,12 Meets at IFHS	
Credit:	Trimester—2 Credits (Student may earn up to 5 college credits from CEI)	
Content:	Automotive Technology 1B is an advanced auto program. It is a vigorous program that studies in-depth automotive electrical systems, including the operation, the fundamental, and the diagnostics of modern electronics. Student will study engine performance diagnostics and repair with the latest scan tools and advanced tuning software to demonstrate and instruct proper use of this equipment. Newer CAN technologies, hybrid vehicles as well as an introduction to electric vehicles will be taught. The last important part of this program is the introduction to EFI Calibration, which is an in depth look at what the cars PCM see and how it adjusts the engine turning to accommodate different driving conditions and modifications. We will be able to test vehicles on our new state of the art Mustang Chassis Dynamometer.	

Auto Tech II b

Course No.	TP512b	ISEE201031
Prerequisite:	Auto Tech II A (TP510) Course meets for 2 periods	
Open to:	Grades 11,12 Meets at IFHS	
Credit:	Trimester – 2 Credits (Students may earn up to 5 college credits from CEI)	
Content:	Automotive Technology IIB is an advanced auto program. It is a vigorous program that studies in-depth automotive electrical systems, including the operation, the fundamentals, and the diagnostics of modern electronics. Students will study engine performance diagnostics and repair with the latest scan tools and advanced tuning software to demonstrate and instruct proper use of this equipment. Newer CAN technologies, hybrid vehicles as well as an introduction to electric vehicles will be taught. The last important part of this program is the introduction to EFI Calibration, which is an in-depth look at what the cars PCM sees and how it adjusts the engine turning to accommodate different driving conditions and modifications. We will be able to test vehicles on our new state of the art Mustang Chassis Dynamometer.	

SKILLED & TECHNICAL TRADES (Continued)

Auto Tech III

Course No:

TP513

ISEE201032

Prerequisite:

Auto Tech II a and b (TP512a and TP512b) Age 16+, **Course meets for 2 periods**

Open to:

Grades 12 **Meets at IFHS**

Credit:

3 Trimester – 6 Credits (**Students may earn up to 2 college credits from CEI**)

Content:

The capstone class in Automotive Technology. It is a class designed for the advanced automotive student that is looking to take his/her skills to the next level and is interested in a career in Automotive Technology. It is a practical class that includes live work, independent study, career exploration, classroom study, and Automotive Skills Competitions. It is a self-directed program that includes study of all 8 ASE areas. The area we focus on in Auto III is advanced electrical advanced diagnostics, engine rebuilding, precision measure, automatic transmissions, manual transmissions, advanced steering and suspension systems performance engine calibration, and differentials. Students will be training the latest tools and equipment available including our new Hunter Alignment System and Mustang Chassis Dynamometer.

Career & Technical Education Center

CONSTRUCTION

Residential/Building Construction I

Course No: TP410 ISEE170030
Prerequisite: None
Open to: Grades 10,11,12
Credit: Trimester – 1 Credit
Content: Competencies related to safety practices, tool and equipment utilization are emphasized. Activities include basic residential frame construction, residential wiring, and concrete.

Residential/Building Construction II

Course No.: TP411 ISEE170031
Prerequisite: Residential/Building Construction I (TP410) **Course meets for 2 periods**
Open to: Grades 11,12
Credit: Trimester—2 Credits
Content: This is an advanced residential construction course. Competencies related to safety practices, tool and equipment utilization are emphasized. Experiences include blueprint reading, framing, roofing, siding, as well as the identification of building materials, fasteners, and hardware. Activities include full-scale residential frame construction.

Residential/Building Construction III

Course No. TP412 ISEE170032
Prerequisite: Residential/Building Construction II (TP411) **Course meets for 2 periods**
Open to: Grades 11,12
Credit: Trimester – 2 Credits (**Students may earn up to 5 college credits from NIC**)
Content: Coursework taken leads to post-secondary programs and careers in designing, construction, and maintaining the built environment. Students will participate in designing buildings, constructing, landscape, network, and manage the construction of a small building project. Students are expected to participate both academically and physically in class assignments. Students also complete work-based learning experiences. *Students can earn certifications in Workplace Readiness, OSHA General Forklift driver and OSHA Ten Hour.*

Career & Technical Education Center

Welding

Welding I

Course No:	TP710	ISEE132070
Prerequisite:	None	
Open to:	Grades 10,11,12	
Credit:	Trimester – 2 Credits	
Content:	This is an introductory course, in a three-course program. A course designed to introduce students to basic welding. The course introduces students to the metallic processes used in metals fabrication and provides them instruction on measurement and layout of material to be welded. Blueprint reading and fundamental of welding applications is the main component of instruction.	

Welding II

Course No.:	TP712	ISEE132071
Prerequisite:	Welding I (TP) Course meets for 2 periods	
Open to:	Grades 11,12	
Credit:	Trimester—2 Credits	
Content:	This is the second course in a three-course program. A course designed to provide students with welding applications. Students will be provided the initial stage of instruction that will prepare them for certification as an entry level welder.	

Welding III

Course No.	TP713	ISEE132072
Prerequisite:	Welding II (TP) Course meets for 2 periods	
Open to:	Grades 11,12	
Credit:	Trimester – 2 Credits (Students may earn up to 10 college credits from CEI)	
Content:	This is the third course in a three-course program. A course designed to provide student with teamwork, problem solving, diagnostics, and designing, repairing, fabricating, or building to industry standards. <i>Students can earn certifications in Workplace Readiness, OSHA General Forklift Driver and OSHA Ten Hour.</i>	