

Sevier CTE Center Fall Semester 2023

| Room # | A Day-Morning | A Day-Afternoon | B Day- Morning | B Day- Afternoon |
|--------|---|--|---|--|
| C120 | Engineering Principles 1 & 2 grades: 10-12 T=28, NS=6, SS=8, R=13, CR=2 | Engineering Tech & Mechanical Drafting-Edwards grades: 9-10 T=28, NS=6, SS=8, R=13, CR=2 | Robotics 1 & 2 grades: 10-12 T=28, NS=6, SS=8, R=13, CR=2 | |
| C148 | Commercial Photography 1 & 2-Allen grades: 10-12 T=30, NS=7, SS=8, R=14, CR=1 | Gaming Development 1 & 2-Allen prereq: Exploring Comp Sci or CS class grades: 9-12 T=30, NS=7, SS=8, R=14, CR=1 | | |
| B118 | Floriculture & Greenhouse Management-Nowers grades: 9-12 T=30, NS=7, SS=8, R=14, CR=1 | Floriculture Advanced-Nowers prereq: Floriculture & Greenhouse grades: 9-12 T=20, NS=4, SS=5, R=9, CR=1 | EMT CE-Brady prereq: Med Terms & EMR grades: 12 T=24, NS=6, SS=7, R=11, CR=1 | |
| B110 | | Medical Forensics-Dastrup prereq: Biology grades: 11-12 T=24, NS=6, SS=7, R=11, CR=1 | | Biotechnology-Peterson prereq: Biology grades: 11-12 T=24, NS=6, SS=7, R=11, CR=1 |
| B109 | Health Science Capstone-Torgerson prereq: 2 credits in Health Science pathway grades: 11-12 T=28, NS=6, SS=8, R=13, CR=2 | | | Natural Resources II CE (on Snow College Richfield Campus) prereq: Natural Resource I (if available) grades 11-12 T=17, NS=3, SS=6, R=7, CR=1 |
| C112 | | Veterinary Assistant I-Despain prereq: Animal Science or Biology grades: 11-12 T=24, NS=6, SS=7, R=11, CR=1 | | |
| B212 | | | JLTC-George grades 10-12 T=40, NS=9, SS=11, R=16 CR=4 | JLTC-George grades 10-12 T=40, NS=9, SS=11, R=16 CR=4 |

Sevier CTE Center Spring Semester 2024

| Room # | A Day-Morning | A Day-Afternoon | B Day- Morning | B Day- Afternoon |
|--------|--|---|---|--|
| C120 | Engineering Capstone prereq: Eng. Principles 1 & 2 grades: 11-12 T=28, NS=6, SS=8, R=13, CR=2 | Engineering Tech & Mechanical Drafting-Edwards grades: 9-10 T=28, NS=6, SS=8, R=13, CR=2 | Electronics 1 & 2 grades: 10-12 T=28, NS=6, SS=8, R=13, CR=2 | |
| C148 | Digital Media 1 or 2-Allen grades: 10-12 T=30, NS=7, SS=8, R=14, CR=1 | Computer Programming 1 & 2-Allen suggested prereq: Gaming or CS class grades: 10-12 | | |
| B118 | Floriculture & Greenhouse Management-Nowers grades: 9-12 T=30, NS=7, SS=8, R=14, CR=1 | Landscape Management, & Nursery Operations-Nowers grades: 9-12 T=30, NS=7, SS=8, R=14, CR=1 | EMT CE-Brady prereq: Med Terms & EMR grades: 12 T=24, NS=6, SS=7, R=11, CR=1 | Business Law-Hurd grades: 10-12 T=30, NS=7, SS=8, R=14, CR=1 |
| B110 | | Medical Forensics-Dastrup prereq: Biology grades: 11-12 T=24, NS=6, SS=7, R=11, CR=1 | | |
| | Accounting II CE-Johansen ROOM C102 Prereq: Accounting I grades: 11-12 T=30, NS=7, SS=8, R=14, CR=1 | Veterinary Assistant 2-Despain ROOM C112 prereq: Vet Assist 1 grades: 11-12 T=24, NS=6, SS=7, R=11, CR=1 | JLTC-George ROOM B212 grades 10-12 T=40, NS=9, SS=11, R=16 CR=4 | JLTC-George ROOM B212 grades 10-12 T=40, NS=9, SS=11, R=16 CR=4 |

Sevier CTE Center Bell Schedule:

Morning Session: (1st & 2nd periods)
Monday through Thursday: 8:00 AM to 10:00 AM
Fridays: 8:00 to 9:30 AM

Afternoon Session: (4th & 5th periods)
Monday: 12:40 PM to 2:40 PM
Tuesday-Thursday: 12:30 to 2:40 PM
Friday: 11:40 AM to 1:00 PM

For more information go to:
sevierctecenter.weebly.com


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| <p>North Sevier High School</p> <p>Monday-Thursday Morning Session Pick up at NSHS 7:40 AM Drop off at SCTEC 8:05 AM Pick up at SCTEC 10:00 AM Drop off at NSHS 10:25 AM</p> <p>Afternoon Session Monday Only: Pick up at SSSH 12:15 PM Drop off at SCTEC 12:40 PM</p> <p>Tuesday-Thursday: Pick up at NSHS 12:05 PM Drop off at SCTEC 12:30 PM Pick up at SCTEC 2:40 PM Drop off at NSHS 3:05 PM</p> <p>Friday Morning Session Pick up at NSHS 7:40 AM Drop off at SCTEC 8:05 AM Pick up at SCTEC 9:30 AM Drop off at NSHS 9:55 AM</p> <p>Afternoon Session Pick up at NSHS 11:15 PM Drop off at SCTEC 11:35 PM Pick up at SCTEC 1:00 PM Drop off at NSHS 1:25 PM</p> | BUS SCHEDULE | <p>South Sevier High School</p> <p>Monday-Thursday Morning Session Pick up at SSSH 7:40 AM Drop off at SCTEC 8:00 AM Pick up at SCTEC 10:00 AM Drop off at SSSH 10:20 AM</p> <p>Afternoon Session Monday Only: Pick up at SSSH 12:20 PM Drop off at SCTEC 12:40 PM</p> <p>Tuesday-Thursday: Pick up at SSSH 12:10 PM Drop off at SCTEC 12:30 PM Pick up at SCTEC 2:40 PM Drop off at SSSH 3:00 PM</p> <p>Friday Morning Session Pick up at SSSH 7:40 AM Drop off at SCTEC 8:00 AM Pick up at SCTEC 9:30 AM Drop off at SSSH 9:50 AM</p> <p>Afternoon Session Pick up at SSSH 11:20 PM Drop off at SCTEC 11:35 PM Pick up at SCTEC 1:00 PM Drop off at SSSH 1:20 PM</p> |
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MEDICAL FORENSICS:

11-12 graders, \$15 fee. Medical Forensics is a class designed to give a basic training in collecting, interpreting, and processing evidence recovered at a crime scene. All of the advances in the various types of technology that help us solve crimes exist in the realm of laboratory sciences. In this class, you will learn how to process a crime scene and all of its evidence. You will study how different types of evidence are processed and handled in a lab setting. Some of the types of evidence we will learn about are: blood spatter, fingerprinting, trace evidence (hairs, fibers, and micro-organisms), forensics anthropology (bone and remains). The cycle and process of decay after death, the processes of autopsy, impressions, pathology and drugs, and of course DNA technology. Taught by Mrs. Alisa Dastrup

HEALTH SCIENCE CAPSTONE:

10-12 graders, fee. Prereq: 2 credits in Health Science Pathway. Work on real life health science projects with industry partners. Students will choose which projects they want to work on, based on their interests. Taught by Mr. Paul Torgerson

BIOTECHNOLOGY:

11-12 graders, \$15 fee. Prerequisite Biology. This is a lab based class. Students will be in the lab every day learning biotechnology techniques and concepts from: growing bacteria on petri plates, DNA isolation and manipulation, protein isolation and manipulation, genetics, forensics crime scene investigation, and bioinformatics. Students will perform experiments using the latest in biotech equipment and keep a log book. Taught by Mr. Kelly Peterson

EMERGENCY MEDICAL TECHNICIAN:

12 graders only, \$150 fee. This course is designed to provide the student with advanced instruction to provide quality pre-hospital emergency medical care rendered to victims of accidents and illnesses. Topics include anatomy and physiology, disease processes, assessment and patient stabilization, proper use of equipment such as automated external defibrillators, blood glucose monitors, airway adjuncts, extrication, ambulance protocols, and practical skills sessions. Reinforced are legal, ethical, medical, and cultural issues, scope of practice, documentation and communication skills, and infection control. Students who successfully complete all requirements will receive National EMS Certification through the National Registry of Emergency Medical Technicians. Taught by Mr. Scott Brady, NRP

VETERINARY ASSISTANT:

11-12 graders, \$45 fee. Prerequisite Animal Science or Biology. Students will learn about animal anatomy, physiology, health and diseases. Students will learn basic bandaging, wound care, oral care, and general nursing care. Students will participate in dissection labs and field trips. Taught by Dr. Despain

VETERINARY ASSISTANT:

11-12 graders, \$45 fee. Prerequisite Vet Assist. 2. This course is designed for students who have previously taken the Veterinary Assisting course and wish to further their education and training in the veterinary field. The Veterinary Technician course expands student knowledge, reinforces skills previously learned, and builds proficiency in highly scientific areas, such as pharmacology, anesthesiology, radiology and imaging, fluid therapy, and critical care nursing. Taught by Dr. Despain

JUNIOR LEADERSHIP TRAINING COURSE:

10-12 graders. This course provides students with leadership, communication, organization, and discipline skills. Based on Utah National Guard standards and practices. Taught by Sargent Peter George.

COMMERCIAL PHOTOGRAPHY 1 & 2:

10-12 graders, \$25 camera usage fee. If camera is returned in damaged condition an additional fee will be charged. Students will receive training in specialized camera and equipment operation, software usage, maintenance, applications to commercial and industrial needs and photography business operations. Student need a digital camera or can check one out. Taught by Mr. Dustyn Allen

DIGITAL MEDIA 1 & 2:

10-12 graders, \$10 fee. Students will learn how to create digital media applications while using elements of text, graphics, animation, sound, video, and digital imaging for various formats. Programs such as Adobe Photoshop, Illustrator, InDesign, Premiere and Flash will be used. Taught by Mr. Dustyn Allen

FLORICULTURE &

GREENHOUSE MANAGEMENT:

9-12 graders, \$15 fee. Students will learn about seeds and plants. They will spend time in the greenhouse planting seeds and plants, caring for plants, and learning what it takes to operate a greenhouse. Students will also learn floriculture techniques and create flower arrangements. Taught by Sally Nowers.

NURSERY OPERATIONS &

LANDSCAPE MANAGEMENT:

9-12 graders, \$10 fee. Students will develop knowledge and skills in nursery operation and landscape management practices that will prepare the students to select appropriate plant materials and to design, install, and maintain interior and exterior plantings and hardscapes. They will also learn to maintain the facilities and equipment associated with this industry. Taught by Sally Nowers.

FLORICULTURE ADVANCED

10-12 graders, \$10 fee. Students will continue to build upon floral design principles with an increased capacity in business management, advanced floral mechanics/structure, & advanced event planning (wedding, funeral, banquet, corporate event, etc.). Students will be able to demonstrate critical thinking and communication skills by interviewing, interpreting, planning and implementing customers requests with design work that is esthetically pleasing to the client. Taught by Sally Nowers.

NATURAL RESOURCES II CE:

11-12 graders, \$45 CE fee. NR 1010. Prerequisite Natural Resources I. This is a college class located on Snow College Richfield campus. Students will be required to sign up for concurrent enrollment through Snow College. Students will participate in a two hour lab each Tuesday during class. Students will be transported to a designated outdoor location for the lab. Lectures, including guest speakers, will be on Thursdays each week. Other activities such as GPS/GIS will also take place on Thursdays in the Washburn building on Snow Richfield campus. Taught by Snow College Professor Ryan Thalman.

ACCOUNTING II CE QUICKBOOKS:

11-12 graders, \$15 CE fee. Concurrent Enrollment BUS 1060. Prerequisite Accounting I. This course teaches basic accounting concepts and simple automated accounting methods for recording business transactions and maintaining necessary financial reports by using Quickbooks. Taught by Mrs. Janell Johansen.

BUSINESS LAW:

10-12 graders. Students will gain an understanding of the law as it relates to them currently and the implications of the law in their future lives as well as the lives of their family and friends. They will also work to gain an understanding of basic legal vocabulary. The course will include an understanding of contract law, their rights and responsibilities as citizens utilization of financial transactions, employment and agency relationships, and the understanding of the regulations governing different types of business organizations. Taught by Mr. Rodney Hurd

ENGINEERING TECH & MECHANICAL DRAFTING:

9-10 graders, \$10 fee. Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. Students work in teams and individually to design solution to a variety of problems using 3D modeling software. Taught by Mr. Jason Edwards

ENGINEERING PRINCIPLES 1 & 2:

11-12 graders, \$10 fee. This is a fast paced and math intensive class that is beneficial for lots of students and not just engineering students. Students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students can earn Concurrent Enrollment College Credit from SUU. Taught by Eric Thorson

ENGINEERING CAPSTONE:

10-12 graders, \$10 fee. Prerequisite Engineering Principles 1 & 2. In this capstone course, students will work in teams to develop an original solution to a valid open-ended technical problem by applying the engineering design process. Each team will design, build, and test their solution. Finally, student teams will present and defend their original solution to an outside panel. Taught by Eric Thorson

ROBOTICS:

11-12 graders, \$10 fee. This is a hands-on curriculum combining electrical, mechanical and engineering principles. Students will learn to design, build, program, and control robotic devices. A rigorous study and application of electrical and engineering concepts will be included. Taught by Eric Thorson.

ELECTRONICS:

10-12 graders, \$10 fee. This is a class for any student wanting to go into a career where electronics will be used. Auto or diesel mechanics, welding, industrial technologies, and computer information systems. Course that prepares individuals to apply technical knowledge and skills to assemble and operate electrical/electronic equipment used in business, industry, and manufacturing. Instruction includes training in safety, electrical theory, parallel and series circuits, Kirchoff's Laws, schematic diagrams, electrical components, and soldering. Instruction includes training in passive AC circuits, digital devices and logic circuits. Taught by Eric Thorson.

GAMING DEVELOPMENT

9-12 grade, \$10 fee This course will introduce students to game development fundamentals and tools used to create digital games. These concepts include game design, development & production cycles, asset creation & management (graphics & sound), basic animation, collaboration with others, and project management. The primary software platforms students will learn to use are Blender and Unity. . Taught by Mr. Dustyn Allen.

COMPUTER PROGRAMMING 1 & 2

10-12 grade, Computer programming 1 A course in program engineering & applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. The teacher introduces basic coding concepts & problem-solving skills.

Computer Programming 2 introduces students to more advanced programming language such as Java, Python, C++, or C#. Taught by Mr. Dustyn Allen.