

Career and Technical Education: Career and College Opportunities

ADA Compliant Version

Agriculture (McKay)

- Explore a wide variety of experiences related to agriculture, animal science, horticulture, soil conservation, and veterinary medicine in a real-world lab.
 - Use advanced technology and equipment to grow and maintain sustainable landscapes and farm-to-table produce.
 - Design, construct, and manage all aspects of landscaping, farming, and greenhouse technology.
- CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education. FFA/LEADERSHIP, WORK-BASED EXPERIENCE, COLLEGE CREDIT.

Audio Production Technology (McKay; McNary)

- Create music, film, and TV master recordings as an audio engineer and producer.
 - Express your own unique sound alongside other creative individuals.
 - Develop, produce, and deliver a wide range of soundtracks using advanced equipment, mixers, and sound effects technology.
- CAREER FOCUS:** Prepared for immediate employment and further education. WORK-BASED EXPERIENCE, PROFESSIONAL PORTFOLIO, SCHOLARSHIPS.

Auto Body Repair Technology (Career and Technical Education Center)

- Create custom modifications using modern welding, sanding, masking, and creative painting techniques.
 - Operate the same collision repair and painting equipment as industry professionals.
 - Restore a variety of damaged vehicles by applying advanced techniques of metal fabrication, adhesive repair, and creative refinishing.
- CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education. CERTIFICATIONS, WORK-BASED EXPERIENCE, COLLEGE CREDIT.

Automotive Technology (McKay; McNary)

- Work on foreign and domestic cars, trucks, and hybrid vehicles in a high-tech precision industry.
- Use the same advanced diagnostic and repair equipment as industry professionals to troubleshoot complex automotive systems.

- Maintain, repair, and fine-tune a wide range of vehicle engines alongside an ASE Master Technician.
CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education. CERTIFICATIONS, WORK-BASED EXPERIENCE, COLLEGE CREDIT.

Aviation

- Work alongside aviation professionals in the fields of piloting, aircraft maintenance, and drones at the Salem Municipal Airport.
- Apply emerging technologies to perform aircraft repairs, navigate flight simulators, and program drone technology.
- Maintain, repair, and operate airplane and avionics systems including navigation, communications, engine control, and flight controls.
CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education.
FAA PART 61 PRIVATE PILOT LICENSE, FAA PART 107 DRONE CERTIFICATION, AIRCRAFT MAINTENANCE CERTIFICATION, COLLEGE CREDIT, INTERNSHIPS.

Banking and Finance (West Salem)

- Conduct a wide range of cash and banking transactions during the daily operation of a credit union.
- Use powerful software applications, strategies, and techniques in both personal and corporate finance.
- Generate, analyze, and interpret critical financial data leading to sound fiscal management.
CAREER FOCUS: Prepared for immediate employment and further education. INTERNSHIPS, WORK-BASED EXPERIENCE, COLLEGE CREDIT.

Basic Nursing Assistant (McKay)

- Experience the passion of providing quality patient care in a variety of healthcare settings.
- Work alongside a registered nurse in a clinical environment to perform various tests and procedures.
- Provide therapeutic treatments, take vital signs, and transfer patients in a long-term care facility.
CAREER FOCUS: Prepared for state licensure, immediate employment, advanced certifications, and further education. CLINICAL INTERNSHIPS, CERTIFICATIONS, COLLEGE CREDIT.

Behavioral Health and Human Services (Career and Technical Education Center)

- Work alongside behavioral health professionals to explore the diagnosis and treatment of anxiety, depression, substance abuse, and other mental health issues.
- Implement mental and behavioral health treatments such as support groups, counseling, peer supports, psychotherapy, and just-in-time care.
- Identify and improve outcomes in individuals and families with life stressors, health behaviors, stress-related physical symptoms, and mental health crises.
CAREER FOCUS: Prepared for immediate employment, advanced certification, and further education. COMMUNITY-BASED HEALTH WORKER CERTIFICATION, MENTAL HEALTH FIRST AID, YOUTH MENTAL HEALTH FIRST AID, WELLNESS COACH CERTIFICATION, COLLEGE CREDIT, INTERNSHIPS.

Biotechnology and Medical Science (Career and Technical Education Center)

- Operate multiple high-tech laboratories to apply biochemistry, molecular biology, nutrition, and anatomy principles needed to address the growing biotechnology industry.
- Implement and understand biotechnology practices through the lens of plant science.
- Work with business and industry experts in biotechnology, bioscience, medical science, and clinical laboratories.
- Opportunities to earn college credits in communications, biology, and medical sciences; certifications in food handling and biotechnology.

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education. WORK-BASED EXPERIENCE, CERTIFICATIONS, COLLEGE CREDIT.

Broadcast Journalism (South Salem)

- Showcase creative and artistic talents using professional equipment and media to exceed client expectations.
- Develop, produce, and deliver original content for commercial broadcasts from concept to completion.
- Work individually and in teams to create dynamic programming for radio, television, and social media.

CAREER FOCUS: Prepared for immediate employment and further education. WORK-BASED EXPERIENCE, ADVANCED TECHNOLOGY, SCHOLARSHIPS.

Business Development and Leadership (Career and Technical Education Center)

- Discover what it takes to be the boss, build a thriving enterprise, and provide unique customer experiences.
- Develop a competitive business mindset by operating a successful CTEC company.
- Master a wide range of dynamic business strategies for creating, communicating, and delivering products and services.

CAREER FOCUS: Prepared for immediate employment and further education. NATIONAL COMPETITIONS, WORK-BASED EXPERIENCE, COLLEGE CREDIT.

Business Entrepreneurship (Roberts)

- Develop a competitive business mindset by operating successful student enterprises.
- Create strategic business plans and retail marketing campaigns using a wide range of entrepreneurial and managerial resources.
- Utilize professional business and financial tools, software, and practices to achieve sound financial management.

CAREER FOCUS: Prepared for immediate employment and further education. WORK-BASED EXPERIENCE, SCHOLARSHIPS.

Business Management (McNary)

- Create strategic business plans and retail marketing campaigns using a wide range of entrepreneurial and managerial resources.
- Use the same business and financial tools, software, and practices utilized by professionals.
- Operate various types of businesses, accounting applications, and strategies for sound financial management.

CAREER FOCUS: Prepared for immediate employment and further education. FBLA/LEADERSHIP, NATIONAL COMPETITIONS, SCHOLARSHIPS.

Cabinetmaking (North Salem)

- Design and build custom furniture and cabinetry.
- Operate a wide range of professional equipment to create projects for a variety of customers.
- Interpret plans and specifications to construct custom products from raw materials.

CAREER FOCUS: Prepared for apprenticeships, immediate employment, and further education. WORK-BASED EXPERIENCE, COLLEGE CREDIT, ADVANCED TECHNOLOGY.

Computer-Aided Drafting (Sprague)

- Create products using the same design, drafting, and 3D printing as professional engineers and architects.
- Solve problems alongside industry professionals to find creative solutions to complex engineering and architectural challenges.
- Develop a comprehensive portfolio of computerized mechanical and architectural drafting designs.

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education. COLLEGE CREDIT, PRINTING TECHNOLOGY, WORK-SITE VISITS.

Computer Programming (South Salem, Sprague, West Salem)

- Express creativity and unlock solutions to complex problems through the universal language of computers.
- Program in advanced languages such as HTML, Robot C, JAVA, C++, and JavaScript.
- Develop software that powers the modern world, from video games to interactive websites, mobile apps, robotics, and business applications.

CAREER FOCUS: Prepared for immediate employment and further education. COLLEGE CREDIT, WORK-BASED EXPERIENCE, SCHOLARSHIPS.

Construction Technology (McKay, McNary)

- Design, manage, and build a variety of structures and products from concept to completion.
- Interpret plans and specifications to construct custom products from raw materials.
- Work independently and in teams in all aspects of construction, including framing, roofing, plumbing, wiring, and finishing.

CAREER FOCUS: Prepared for apprenticeship, immediate employment, and further education. WORK-BASED EXPERIENCE, COLLEGE CREDIT, COMMUNITY PROJECTS.

Cosmetology (Career and Technical Education Center)

- Express individual creativity by providing a wide range of artistic hair, nail, skincare, and barbering services using the latest technology, trends, and name-brand products.
- Operate and experience a full-service, interactive salon and spa environment.
- Work alongside professional cosmetologists to explore all aspects of quality salon services and management.

CAREER FOCUS: Prepared for state licensure, immediate employment, advanced certifications, and further education. LICENSURE, NATIONAL COMPETITIONS, WORK-BASED EXPERIENCE.

Culinary Arts (McKay, McNary, North Salem, South Salem)

- Craft traditional and innovative cuisine using flames, knives, and creative chemistry.
- Cook alongside industry professionals preparing appetizers, soups, salads, entrées, and desserts.
- Express creativity as part of a team that designs menus, prepares meals, organizes catered events, and develops exceptional dining experiences.

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education. WORK-BASED EXPERIENCE, NATIONAL CULINARY COMPETITIONS, CERTIFICATIONS.

Early Childhood Education (North Salem, West Salem)

- Operate an interactive preschool program that delivers hands-on learning activities to prepare children for kindergarten.
- Plan activities to enhance a child's intellectual, social, emotional, and physical development
- Teach small- and large-group lessons to preschool-aged children.

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education. COLLEGE CREDIT, INTERNSHIPS, WORK-BASED EXPERIENCE.

Education and Teaching (Roberts, Sprague)

- Teach in the classroom alongside professional educators serving a diverse population of students.
- Develop relationships to motivate younger students for academic success.
- Design dynamic classroom learning activities using modern technology and practices.

CAREER FOCUS: Prepared for immediate employment and further education. COLLEGE CREDIT, CERTIFICATIONS, INTERNSHIPS.

Emergency Services (West Salem)

- Fight fires, rescue, extricate, and treat victims while keeping your community safe as a first responder.
- Operate a wide range of firefighting and life-saving equipment alongside professional firefighters and EMTs.
- Protect life and property by managing all phases of fire suppression, prevention, inspection, and emergency rescue.

CAREER FOCUS: Prepared for national certifications, immediate employment, and further education. CERTIFICATIONS, WORK-BASED EXPERIENCE, COLLEGE CREDIT.

Engineering Technology (McKay, North Salem)

- Use tools and techniques found in advanced robotics, electronics, Computer-Aided Design (CAD), and Computer-Aided Machining (CAM) technologies.
- Find creative solutions to complex engineering challenges while working individually and in teams.
- Visualize and construct 3D models and prototypes.

CAREER FOCUS: Prepared for immediate employment and further education. NATIONAL ROBOTIC COMPETITIONS, 3D PRINTING & MODELING, ADVANCED TECHNOLOGY.

Graphic Design (McNary, North Salem, South Salem)

- Create dynamic illustrations, logos, and advertisements including traditional and photographic art.
- Design, produce, and deliver a wide range of creative marketing materials for print and web media.
- Showcase your artistic abilities alongside other creative individuals while creating a professional portfolio.

CAREER FOCUS: Prepared for immediate employment and further education. PROFESSIONAL PORTFOLIO, WORK-BASED EXPERIENCE, COLLEGE CREDIT.

Health Services (North Salem, West Salem)

- Cultivate a passion for providing quality patient care in a variety of healthcare settings.
- Perform detailed medical and trauma patient assessments using advanced medical and diagnostic equipment.
- Experience the thrill and reward of saving lives in emergency situations and simulations.

CAREER FOCUS: Prepared for state board license, immediate employment, advanced certifications, and further education. JOB SHADOW/INTERNSHIPS, STATE BOARD EMT LICENSE, COLLEGE CREDIT.

Law Enforcement (Career and Technical Education Center)

- Work with certified law enforcement and counter-terrorism professionals who keep the community safe.
- Examine state and federal laws and the critical roles of police, corrections, and rehabilitation in the criminal justice system.
- Strengthen your mind and body through rigorous mental and physical training, including advanced self-defense tactics.

CAREER FOCUS: Prepared for cadet programs, immediate employment, advanced certifications, and further education. RIDE-ALONGS, WORK-BASED EXPERIENCE, COLLEGE CREDIT.

Manufacturing (South Salem)

- Work independently and in teams to design, build, assemble, and repair various metal and wood products.
- Use advanced welding techniques and fabrication equipment to join, cut, bend, and manipulate materials for industrial and artistic applications.
- Operate a wide range of professional power tools and computerized equipment to build a variety of custom furniture and carpentry projects.

CAREER FOCUS: Prepared for immediate employment and further education. WORK-BASED EXPERIENCE, INDUSTRIAL TECHNOLOGY, SCHOLARSHIPS.

Manufacturing, Welding, and Engineering (Career and Technical Education Center)

- Use professional CAD and manufacturing equipment to invent, design, and engineer the same types of precision parts, tools, and products used worldwide.
- Use advanced welding and machining techniques to join, cut, bend, and manipulate materials for industrial and artistic applications.
- Produce solutions for complex engineering challenges from concept to completion.

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education. WORK-BASED EXPERIENCE, COLLEGE CREDIT, NATIONAL COMPETITIONS.

Marketing (McKay, North Salem, South Salem, Sprague)

- Design and implement powerful advertising campaigns and business plans to deliver innovative products and services to customers.
- Use professional software and techniques to create vibrant business publications, presentations, social media, and apps.
- Satisfy your competitive business spirit by operating diverse student-run enterprises.

CAREER FOCUS: Prepared for immediate employment and further education. DECA/FBLA, NATIONAL COMPETITIONS, STUDENT BUSINESSES.

Media Production (McNary, Sprague, West Salem)

- Showcase creative and artistic talents using professional equipment and media to exceed client expectations.
- Develop, produce, and deliver unique video and audio projects for social media and commercial broadcast from concept to completion.
- Work individually and in teams to create cinematic film, engaging documentary, and viral video.

CAREER FOCUS: Prepared for immediate employment and further education. DIGITAL PORTFOLIO, WORK-BASED EXPERIENCE, ADVANCED TECHNOLOGY.

National Security - JROTC (North Salem)

- Train alongside state and federal organizations such as law enforcement, military, and emergency services that play critical roles in national security.
- Impact your community through training in trauma and natural disaster response tactics.
- Strengthen your mind and body through rigorous leadership and physical fitness training.

CAREER FOCUS: Prepared for military programs, immediate employment, advanced certifications, and/or further education. MILITARY ADVANCEMENT, SCHOLARSHIPS, COMMUNITY EMERGENCY RESPONSE TEAM (CERT) CERTIFICATION.

Residential Construction (Career and Technical Education Center)

- Design and build an upscale residential home from the ground up.
 - Work alongside industry professionals in all aspects of architecture and building including foundations, walls, roofs, and interior and exterior finishing.
 - Operate professional equipment and power tools for all aspects of construction.
- CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education. WORK-BASED EXPERIENCE, COLLEGE CREDIT, CERTIFICATIONS.

Sports Medicine (Sprague, South Salem)

- Create customized exercise and therapeutic plans to help athletes achieve superior performance and lifelong wellness.
 - Work with certified athletic trainers as well as fitness and healthcare professionals to assist with injury prevention and rehabilitation.
 - Coach and motivate patients using the same advanced exercise equipment and techniques as fitness, wellness, and rehabilitation centers nationwide.
- CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education. INTERNSHIPS, COLLEGE CREDIT, WORK-BASED EXPERIENCE.

Video and Game Design Animation (Career and Technical Education Center)

- Produce original animated short films, dynamic visual effects, and eye-catching graphics.
 - Work with professional technologies to create virtual worlds, virtual reality (VR), and 3D modeling to achieve inspiring results.
 - Collaborate to brainstorm, storyboard, and create unique 3D animation, computer graphics, games, and videos.
- CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education. WORK-BASED EXPERIENCE, NATIONAL COMPETITIONS, CERTIFICATIONS.