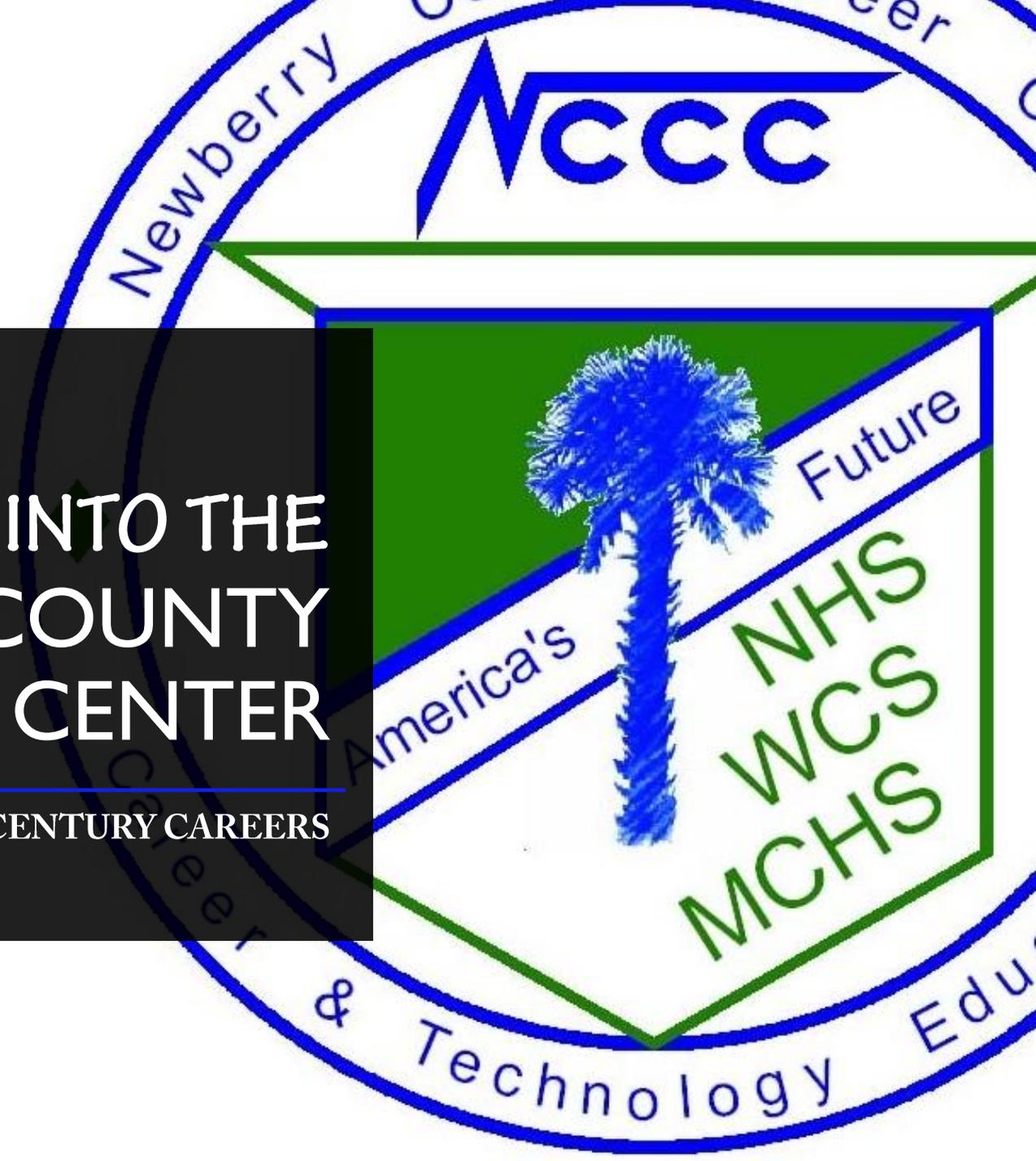


A FURTHER LOOK INTO THE NEWBERRY COUNTY CAREER CENTER

PREPARING STUDENTS FOR 21ST CENTURY CAREERS



CAREER CLUSTERS AND MAJORS OFFERED AT NCCC

- **Agriculture, Food and Natural Resources**

- Environmental & Natural Resources Management
- Plant & Animal Systems
- Ag Mechanics & Technology
- Horticulture

- **Architecture and Construction**

- Building Construction

- **Art, Audio-Video Technology, and Communications**

- Architectural & Mechanical Design

- **Business Management & Administration**

- Business Information Management
- General Management

- Operations Management

- **Human Services**

- Cosmetology

- **Information Technology**

- Web & Digital Communications

- **Law, Public Safety, Corrections & Security**

- Law Enforcement Services
- Emergency & Fire Management Services (Firefighter)

- **Manufacturing**

- Machine Technology
- Welding Technology
- Mechatronics Integrated Technologies

- **Marketing, Sales & Service**

- Marketing Communications

- **Health Science**

- Emergency Medical Services
- Health Science Technology
- Biomedical Science (PLTW)

- **Hospitality and Tourism**

- Hospitality and Tourism Management

- **Science, Technology, Engineering & Math**

- Pre-Engineering PLTW

- **Transportation, Distribution & Logistics**

- Automotive Collision Repair
- Automotive Technology



AG. SCIENCE & TECHNOLOGY, HORTICULTURE, ANIMAL SCIENCE, INTRO. TO VETERINARY SCIENCE MRS. HOLLY HAVIRD

- The Animal Science Course provides information on the biological make-up of various species of agricultural livestock.
- Horticulture for the Workplace activities include hands-on experiences with propagating, growing, establishing and maintaining nursery plants and greenhouse crops; tissue culture techniques, designing landscapes, etc.
- Agricultural Science & Technology is a course designed to teach essential concepts and understanding plant and animal life.
- Introduction to Veterinary Science is an advanced animal science course where students explore the field of veterinary medicine as well as explore the diagnosis and treatment of animal diseases.



WILDLIFE MANAGEMENT, AG. MECHANICS, AG. CROP PRODUCTION, AGRIBUSINESS & MARKETING MS. LISA STONE

- Wildlife Science course designed to teach technical knowledge and skills for the conservation/management of wildlife enterprises.
- AgriBusiness & Marketing students will apply economic and business principles learned during the course that are designed for students who plan to own a farm or seek employment in the AgriBusiness field.
- Students participate in "Plant Sale" in March and April to prepare them for business in the Agriculture field.



AUTOMOTIVE COLLISION REPAIR MR. JOHNNY AMICK

- The NCCC Auto Collision Program is an I-CAR Industry Alliance approved Career and Technical School. Body shops, car dealers, and insurance companies recognize this training as the gold standard.
- Careers in the Automotive Collision Repair field that this course will prepare students for include:
 - Body Repair Technician
 - Refinishing Technician
 - Insurance Company Adjuster
 - Electrical Specialist

Skills USA South Carolina Championships have over 1,000 competitors in more than 80 hands-on skill and leadership contests and draws the best career and technology students in the state to compete. Last year NCCC student Jessica Rowe placed second in the automotive refinishing competition.

AUTOMOTIVE TECHNOLOGY

MR. JOSH MILLS

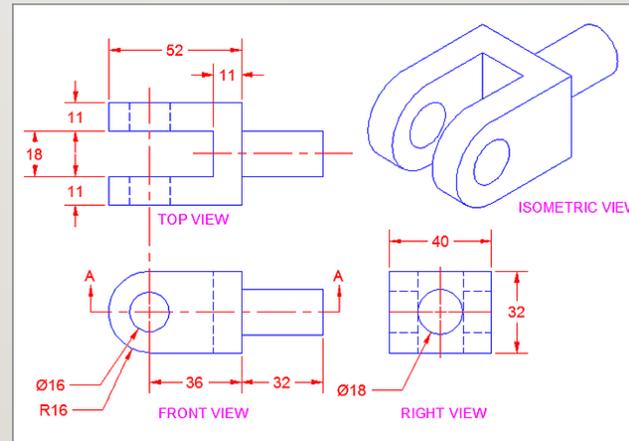
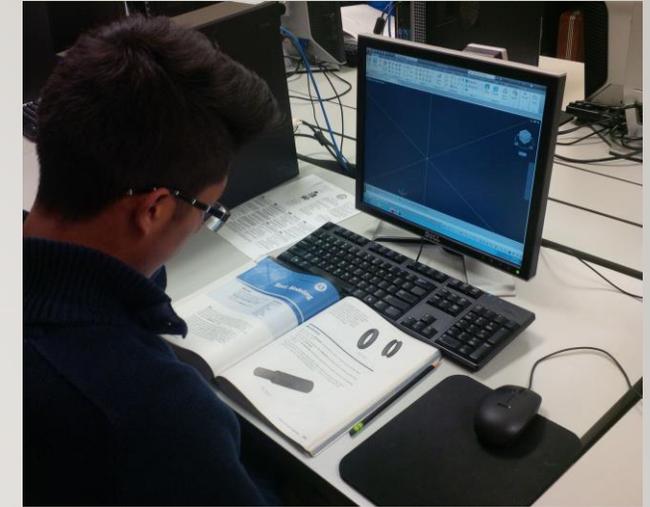


- Students will learn basic concepts and systems of the automobile such as: maintenance, braking systems, steering and suspension systems and electrical systems.
- During Auto Tech. 2 students will learn engine fundamentals as well as fuel and ignition systems, advanced electrical systems and engine performance.
- Job opportunities that this course can help students achieve include: technician, service manager, parts manager, engine builder, diesel technician, small engine repair, etc.
- **Dual Enrollment Opportunity for Level 3 Students with PTC**

ARCHITECTURAL & MECHANICAL DESIGN

MR. TERRY MURPHY

- Industry Certified by ADDA
 - Students can earn ADDA certification
- Over 250 Completers & 45 Certified Technicians
- Skills USA
 - 1st place in Mechanical Drafting 2018
 - 3rd Place- Architectural Drafting 2018
- 92% Placement Rate over 20 years





Business Management and Information Technology



Major: General Management

Major: Business Information Management

Major: Marketing Communications

Major: Web and Digital Communications

Major: Operations Management

COURSES

- ADVANCED WEB DESIGN & DEVELOPMENT
- ADVERTISING
- BUSINESS PRINCIPLES AND MANAGEMENT
- VIRTUAL ENTERPRISE I
- VIRTUAL ENTERPRISE II
- DIGITAL DESKTOP PUBLISHING
- DIGITAL MULTIMEDIA
- ENTREPRENEURSHIP
- FOUNDATIONS OF ANIMATION
- FUNDAMENTALS OF WEB DESIGN AND DEVELOPMENT
- GAME DESIGN & DEVELOPMENT
- IMAGE EDITING
- MARKETING
- SPORTS & ENTERTAINMENT MARKETING

INSTRUCTORS: Ms. Christi Floyd, Mrs. Jolene Smith, & Mr. Ryan Young



Hospitality and Tourism

Hospitality and Tourism is designed to prepare students for entry-level employment in the travel and tourism industry. Industry segments will focus on such areas as planning, marketing, management, finance, operations, technical and production skills, technology, human relations, labor issues, community issues, environmental issues, and safety

Major: Hospitality & Tourism Management



COURSES

- Intro to Hospitality & Tourism Management
- Event and Entertainment Management
- Travel and Tourism Management

INSTRUCTORS: Ms. Christi Floyd, Mrs. Jolene Smith, & Mr. Ryan Young



BUILDING CONSTRUCTION MR. MICHAEL CRUICKSHANKS

Building Construction prepares individuals to apply technical knowledge and skills in the building, inspecting, and maintaining of structures and related properties. Includes instruction in masonry, carpentry, electrical and power transmission installation, building/construction finishing, management, inspection, and other construction-related applications



COSMETOLOGY

MS. SAMANTHA YOUNG



- Cosmetology teaches the latest technology in hair, skin and nail service. The course includes lab and classroom instruction and includes anatomy, health care, bone structure, facial muscles and the nail body systems. Students will learn to cut and style hair, the proper use and application of facial make-up and manicuring.
- After completing Cosmetology 3 & 4 students are expected to take the State Board Examination and students may receive a registered cosmetology license and join the work force after graduation.

PROJECT LEAD THE
WAY: BIOMEDICAL
SCIENCES
MS. DINKLE KAUR

COURSES

- Principals of Biomedical Science
- Human Body Systems
- Medical Interventions
- Biomedical Innovation



PROJECT LEAD THE WAY ENGINEERING

MRS. DEIRDRE APPLEBY

In the PLTW engineering sequence, students take the following courses:

- Introduction to Engineering Design
- Principles of Engineering
- Civil Engineering and Architecture
- Computer Integrated Manufacturing



LAW ENFORCEMENT SERVICES & FIREFIGHTER

MR. GARY MCGLOHORN

Firefighter 1 & 2

- Rigorous course designed for students who are interested in becoming a volunteer or career firefighter. Students are intended to achieve National Fire Protection Agency Certification through the SC Fire Academy.



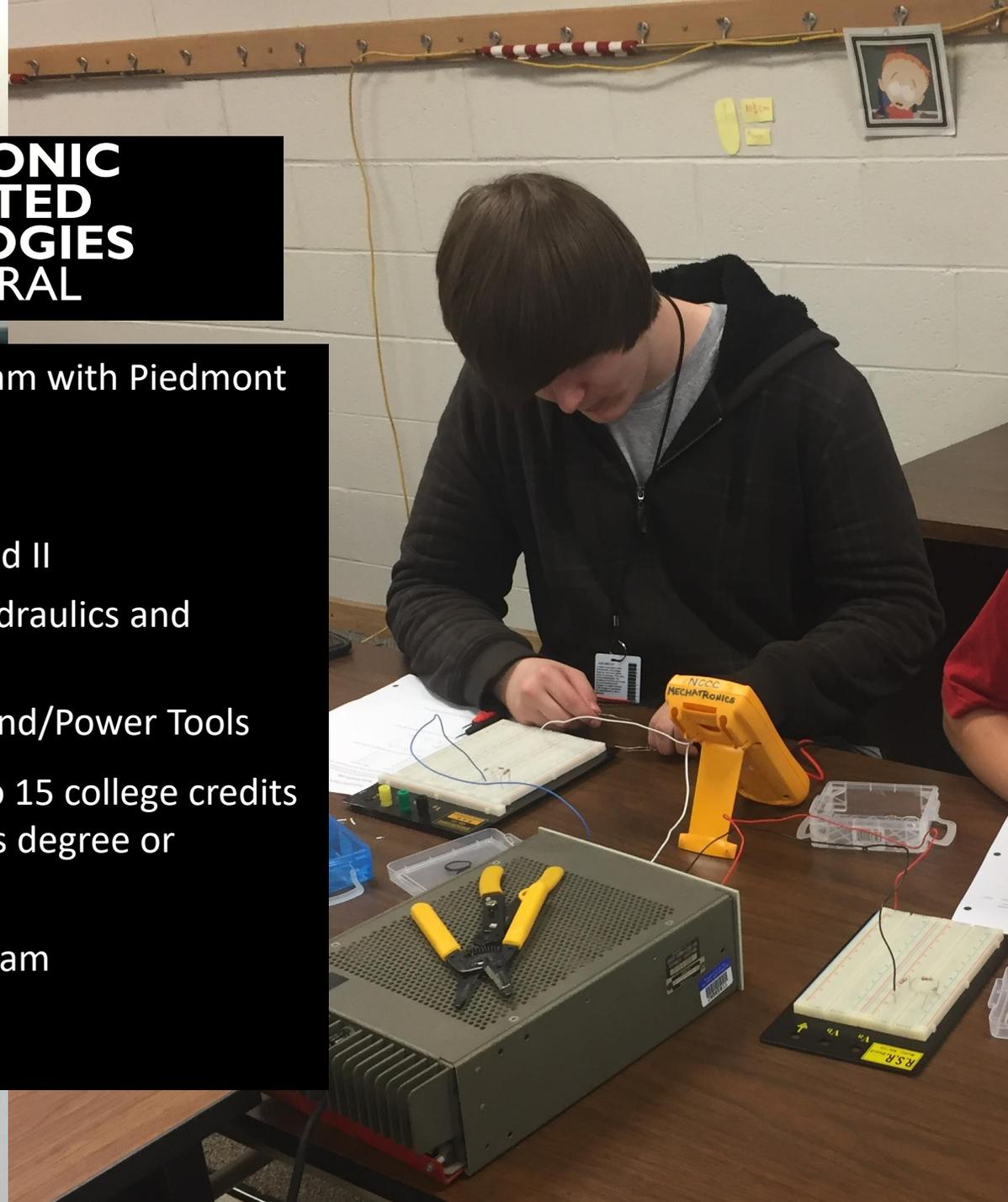
Law Enforcement Services 1 & 2:

- Presents students an opportunity to learn various aspects of police procedures. Students will participate in practical demonstrations of search and arrest techniques and will become familiar with forensic investigation as well as:
 - Report writing
 - Evidence collection
 - Testifying in court



MECHATRONIC INTEGRATED TECHNOLOGIES MR. DON SRAL

- Dual enrollment program with Piedmont Technical College
- **Courses include:**
 - AC/DC Circuits I and II
 - Introduction to Hydraulics and Pneumatics
 - Introduction to Hand/Power Tools
- Students can earn up to 15 college credits towards a Mechatronics degree or certificate with PTC
- 1 year completer program



MACHINE TOOL TECHNOLOGY

MR. JERRY PARKMAN

- Instructor-Jerry Parkman Level I MIMS certified
- Students learn the set up and operation of various machines as well as the design or repair of metal parts.
- Students learn to operate Lathes, Milling Machines, (CNC) Computer Numerical Control Machines, and Precision Measurement Tools.
- Job Opportunities that this course can help students achieve include: Machine Tool operator, Engineer, Gun Smith, Automotive/Small Engine Machinist, Sales person of equipment/tools, CNC operator and other jobs in the Manufacturing field.

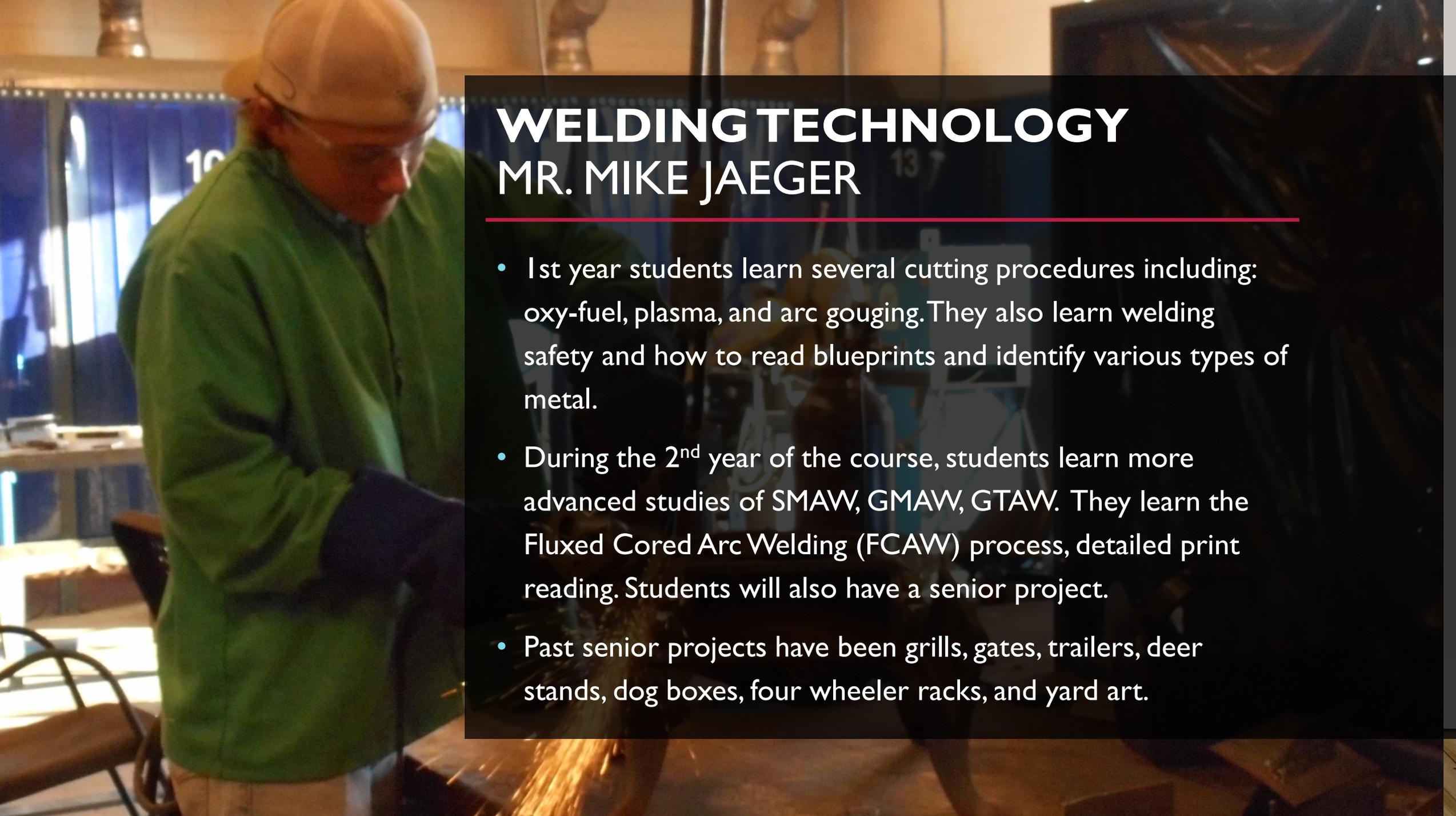


HEALTH SCIENCE

NANCY SATCHER, RN BSN
JESSICA MORRIS, RT(R)

- In Health Science 1, 2 & 3 students are introduced to the following: healthcare history, careers, law and ethics, cultural diversity, healthcare language, medical math, infection control, health care systems, teamwork, communication, and anatomy and physiology. Students will be certified in First Aid & CPR.
- Emergency Medical Services courses are designed to teach students how to recognize and respond to various emergencies and treatment
- **Senior Level Courses:**
 - **Emergency Medical Services**
 - **Clinical Internship**
 - **C.N.A.**
 - **Pharmacy technician**



A welder wearing a white hard hat and a green jacket is working in a workshop. Sparks are visible at the bottom of the frame, suggesting active welding. The background shows industrial equipment and a window with blue curtains.

WELDING TECHNOLOGY

MR. MIKE JAEGER

- 1st year students learn several cutting procedures including: oxy-fuel, plasma, and arc gouging. They also learn welding safety and how to read blueprints and identify various types of metal.
- During the 2nd year of the course, students learn more advanced studies of SMAW, GMAW, GTAW. They learn the Fluxed Cored Arc Welding (FCAW) process, detailed print reading. Students will also have a senior project.
- Past senior projects have been grills, gates, trailers, deer stands, dog boxes, four wheeler racks, and yard art.