

2020-2021

CAREER, TECHNICAL, AND AGRICULTURAL EDUCATION



# CAREER PATHWAYS



GRADUATING STUDENTS WHO ARE COLLEGE AND CAREER READY!

## CAREER PATHWAYS at ETOWAH HIGH SCHOOL

### Career Cluster: Architecture

Career Pathway: Architectural Drawing & Design  
Mr. Brandon Grummer, Instructor

Introduction to Drafting and Design

Architectural Drawing & Design I

Architectural Drawing & Design II

End of Pathway Industry Recognized Certification  
Architecture 3D Software  
**Autodesk Revit User Certification**

*Professions:* Architect, Civil Engineer, Landscape Architect, Drafter, Interior Designer, Regional and Urban Planner, Electrical Engineer, etc.  
*College Majors:* Architecture, Civil Engineering, Construction Management, Electrical Engineering, Interior Design, Drafting & Design, etc.

@EHSArchitecture

### Career Cluster: Construction

Career Pathway: Carpentry  
Mr. Brandon Chester, Instructor

Industry Fundamentals & Occupational Safety

Intro to Construction

Carpentry I

End of Pathway Industry Recognized Certification  
**NCCER Carpentry Level 1 Certification**

*Professions:* Carpenter, Construction Manager, Construction Inspector, etc.

### Career Cluster: Arts, A/V Technology, and Communication

Career Pathway: Audio-Video Technology and Film  
Mrs. Linda Yunker, Instructor

Audio and Video Technology and Film

Audio and Video Technology and Film II

Audio and Video Technology and Film III

End of Pathway Industry Recognized Certification  
SkillsUSA  
Career Essentials Assessments  
**Television Video Production**

*Professions:* Broadcast Technician, Camera Operator, Director, Motion Graphics Designer, Sound Engineer, Script Writer, Technical Director, Lighting Director, etc.  
*College Majors:* Film & Video, Entertainment Technology, Film Studies, Animation, Television Producing, etc.

@EtowahVideoClub

### Career Cluster: Government and Public Administration

Career Pathway: JROTC – Air Force  
Lt. Col. Steve Bergey, Instructor  
Sgt. Tanya Hagarman, Instructor

Leadership 100 and Flight Science

Leadership 200 and Space Exploration

Leadership 300 and Cultural Studies

Leadership 400 and Honors Senior Project

End of Pathway Industry Recognized Certification  
**Distinguished Leadership**

*Professions:* Business Management, Cyber Security, Pilot, Intelligence, Diplomacy/Foreign Service, Military, etc.

*College Majors:* Business, Cyber Security, Political Science, International Relations, Aerospace Science, Aerospace Engineering, etc.

@EtowahHS\_JROTC

### Career Cluster: Health Science

Career Pathway: Therapeutic Services/Allied Health  
Ms. Amber Thayer, Instructor

Introduction to Healthcare Science

Essentials of Healthcare

Allied Health & Medicine

End of Pathway Industry Recognized Certification  
**National Health Science Assessment**

Career Pathway: Therapeutic Services/Sports Medicine  
Mrs. Megan King, Instructor

Introduction to Healthcare Science

Essentials of Healthcare

Sports Medicine

**Athletic Training Student Aide**

Career Pathway: Therapeutic Services/Exercise Physiology  
Mrs. Megan King, Instructor

Introduction to Healthcare Science

Essentials of Healthcare

Fundamentals of Exercise Physiology

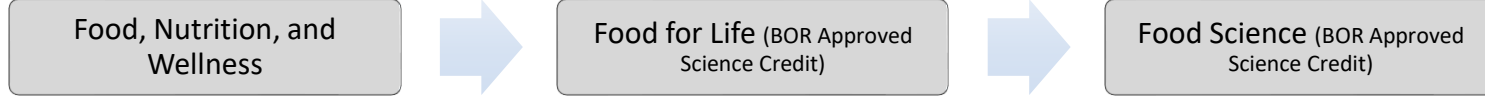
**NASM Certified Personal Trainer**

*College Majors:* Athletic Training, Health Science, Physical Therapy, Premedicine, Prepharmacy, Nursing, etc.

@EtowahHS\_HOSA

## Career Cluster: Human Services

Career Pathway: Food and Nutrition  
Mrs. Amanda Shafer, Instructor



End of Pathway  
Industry Recognized Certification

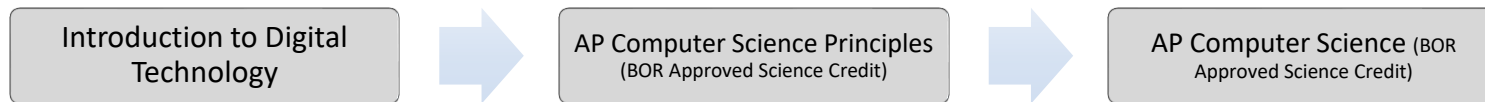
**ServeSafe Handler**

Professions: Dietitian, Nutritionist, Food Scientist, Fitness and Wellness Coordinator, Food Service Manager, etc.

@CTAEFACS

## Career Cluster: Information Technology

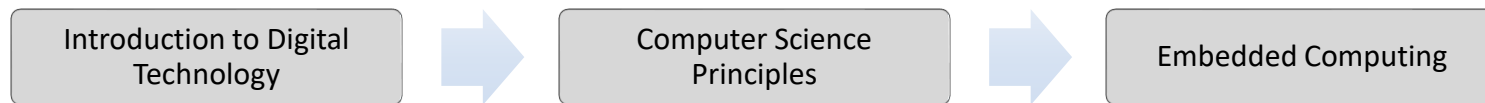
Career Pathway: Computer Science  
Mr. Mike Vacca, Instructor



End of Pathway  
Industry Recognized Certification

**Java SE5/SE6**  
Certified Associate

Career Pathway: Internet of Things  
Mr. Mike Vacca, Instructor



**Axelta IoT**  
Professional

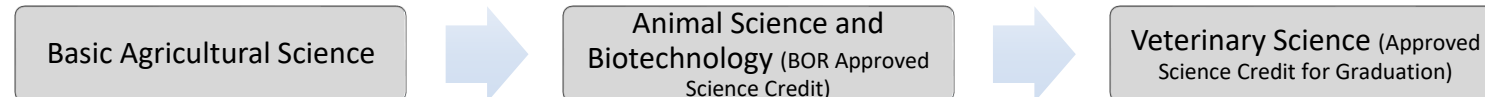
Professions: Software Engineer, Computer Programmer, Computer Network Engineer, Database Administrator, Game Designer, Information Security, etc.

College Majors: Computer Science, Information Technology, Software Engineering, Computer Game Design and Development, etc.

@EtowahCompSci

## Career Cluster: Plant and Veterinary Science | (Agriculture, Food, and Natural Resources)

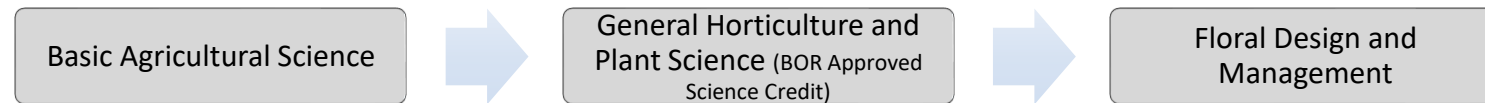
Career Pathway: Veterinary Science  
Mrs. Ashley Rivers, Instructor



End of Pathway  
Industry Recognized Certification

**Veterinary Assistant**  
Assessment

Career Pathway: Plant and Floral Design Systems  
Mrs. Ashley Rivers, Instructor



**Floriculture and Greenhouse Management**  
Assessment

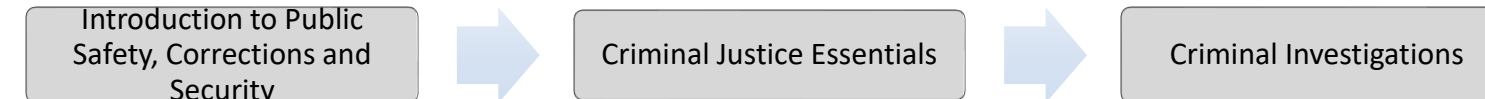
Professions: Veterinarian, Veterinary Assistant, Floral Designer, Animal Scientist, Zoologist, Wildlife Biologist, etc.

College Majors: Pre-Veterinary, Animal Health, Herd Health, Horticulture, Botany, Plant Science, etc.

@Etowah\_FFA

## Career Cluster: Public Safety, Corrections, and Security

Career Pathway: Criminal Investigations  
Ms. Billie Beecher, Instructor



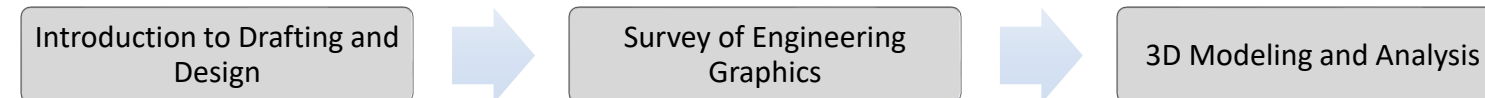
End of Pathway  
Industry Recognized Certification

**NOCTI**  
Criminal Investigations

Professions: Police Detective, Police Patrol Officer, Sheriff, Deputy Sheriff, Fire Investigator, FBI Special Agent, Narcotics Detective, Criminal Investigator, etc.

## Career Cluster: S.T.E.M. (Science, Technology, Engineering, Mathematics)

Career Pathway: Engineering Graphics and Design  
Mr. Brandon Grummer, Instructor



End of Pathway  
Industry Recognized Certification

Engineering 3D Software  
**Autodesk Inventor**  
User Certification

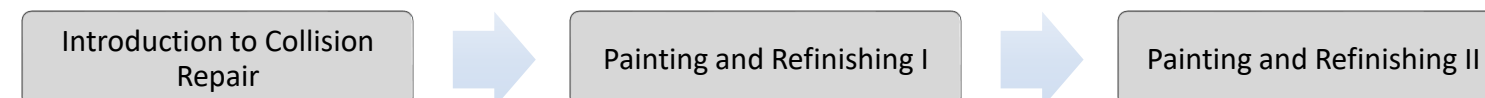
Professions: Aerospace Engineer, Biochemical Engineer, Electrical Engineer, Mechanical Engineer, Materials Engineer, Manufacturing Engineer, etc.

College Majors: Electrical Engineering, Mechanical Engineering, Mechanical Engineering Technology, Mechatronics Engineering, Systems and Industrial Engineering, etc.

@CADCoachGrummer

## Career Cluster: Transportation, Distribution, and Logistics

Career Pathway: Collision Repair – Painting and Refinishing  
Mr. Marc Giuliano, Instructor



End of Pathway  
Industry Recognized Certification

**Automotive Service Excellence**  
Student Certification

Professions: Master Automobile Service Technician, Collision Repairer, Automobile Specialty Technician, Electronic Equipment Installer, Engine Assembler, etc.



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“When APPLIED TECHNICAL LEARNING is integrated with RIGOROUS ACADEMICS, students develop THE SKILLS NEEDED FOR SUCCESS.”