



Students will gain foundational knowledge in construction including carpentry, plumbing, electrical, welding and HVAC. The pathway will focus and build on the concepts related to earthmoving as well as reading and using blueprints and specifications related to grading and grade calculations. The pathway provides specific knowledge and skills in operating and maintaining utility tractors and heavy equipment.

**PATHWAY COURSES**

- Industry Fundamentals and Occupational Safety
- Introduction to Heavy Equipment
- Heavy Equipment Operations I

**RECOMMENDED COURSES**

- Calculus
- Current Issues
- Literary Types/Composition
- Macroeconomics
- Microeconomics
- Oral/Written Communication
- Sociology
- Statistics

**POST-SECONDARY DEGREES, DIPLOMAS, AND CERTIFICATES**

**TECHNICAL COLLEGES**

- On-the-Job Training
- Military
- Special Purpose Schools
- State Registered Apprenticeships

**CAREER AND TECHNICAL STUDENT ORGANIZATIONS**



**ARCHITECTURE AND CONSTRUCTION**

**HEAVY EQUIPMENT OPERATIONS PATHWAY**

**TOP CAREER CHOICES**

**Heavy Equipment Operator**

\$90,000 - \$100,000 annual salary

**Heavy Equipment Mechanic**

\$45,000 - \$65,000 annual salary

**ADDITIONAL CAREER CHOICES**

Heavy Equipment Service Technician

Forklift Operator

Backhoe and Dozer Operator

Articulated Dump Truck Operator

Pipe Layer



Forsyth County Schools

**CAREER EXPLORATION & Pathway Discovery**

CTAE Career Pathways / Fine Arts Pathways



Source: GADOE Plans of Study

<http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Georgia-Career-Pathways-New-Rule.aspx>

- Alliance Academy for Innovation
- Denmark High School
- East Forsyth High School
- Forsyth Central High School
- Forsyth Virtual Academy
- Lambert High School
- North Forsyth High School
- South Forsyth High School
- West Forsyth High School