Ag Power and Machinery - Instructor John Evans

- Safety, measurements, fasteners, and basic cutting, 2 & 4 stroke engines and welding skills
- Employability skills, safety and basic took knowledge
- Students will learn about the FFA and SAE
- Introduction to basic equipment systems, maintenance, and repair
- Students will receive 2 elective credits

Educator Preparation - Instructor Dana Bonds

- Human growth and development
- The Learning environment
- Effective teaching strategies
- Teacher planning
- Assessing teaching and learning
- Communication Skills
- Clinical Experience
- Students will receive 2 elective credits

Students enrolling in this program must have a minimum GPA of 2.5.

Engineering - Instructor Heather Brooks

- Foundation and fundamental of engineering and materials
- Technical writing, presenting, and project management
- Engineering design process
- Advanced concepts of 3-D sketching
- Electrical, fluid, mechanical, and thermal systems
- Computer integrated manufacturing
- Advanced concepts in robotics
- 2 units of science (other than Biology I) may be awarded as a Requirement Met upon completion of the sequence of courses, plus 2 elective credits. *Students enrolling in this class must be enrolled in or have completed Alg. I with a minimum 80 average and a minimum GPA of 2.5. Exceptions to entrance may be made at the discretion of the administration. Second year students will take the SolidWorks certification.*

Law and Public Safety - Instructor Scott Marlin

- History of law and legal systems
- Personal health and safety in law enforcements environments
- Introduction to emergency services and corrections
- Security and protective services, crime scene investigation, emergency medical services, emergency management, and careers in the military
- Students will receive 2 elective credits

Work-Based Learning - Instructor Crystal South

- Students receive credit for work experience
- Students may work as an intern or as a paid employee
- Training in work related issues
- Job acquisition skills training

Students must be in the 11th -12th. Credits based on hours completed (.5 - 2 credits)

All Programs, except for Health Sciences, will be open to entering 9th graders. For "Early Admission", students must have a recommendation from their middle school principal and counselor. In the event of registration in excess of available classroom slots, entrance/admission eligibility will be determined by the following order:

A. Meets or exceeds all entrance requirements
B. Academic GPA
C. Absentees
D. Discipline Referrals

NOTE: Exceptions to this order may be made at the discretion of the administration.

The Tishomingo County Career and Technical Center adheres to the principal of equal education and employment opportunities without regard to race, sex, color, creed, or national origin. The Tishomingo County Career and Technical Center welcomes students who are disabled, disadvantaged, or of limited English proficiency. Assistance and other services are provided for all who need help in successfully completing vocational training. Title IV Coordinator: Josh McClung – jrmcclung@tcsk12.com. 504 Coordinator: Cliff Nunley – cnunley@tcsk12.com.

Tishomingo County Career and Technical Center

Providing Pathways to Successful Futures!



Director - John-Grady Taylor

CTE Counselor - Chanta Smothers

CTE Counselor - Heather Gaylor

Student Services Coordinator - Kayla Marlin

1421 Hwy 25 North
Tishomingo, MS 38873

Health Sciences - Instructor Cindy Whitfield

- Medical Terminology
- Anatomy and Physiology
- Medical, legal, and ethical responsibilities
- First Aid and CPR
- Clinical Observation Experiences
- 2 credits of science and 2 elective credits awarded upon completion of the sequence courses (1/2unit Contemporary Health may be awarded)

Students enrolling in this program must have a C or higher in last English and Math class.

Diversified Agriculture - Instructor Chloe Paseur

- Science, technology and applied practices of progressive agriculture/agriscience
- Anatomy, physiology, growth and nutrition, breeding and reproduction, health and management
- Management, conservation and responsible use of resources
- Basic principles of plant science
- Students will learn about the FFA
- Students who successfully complete Principles of Agriscience will receive 1 science credit. Students who complete the course sequence may earn 1 additional science credit plus 2 elective credits.

Welding - Instructor Jack Jones

- Introduction to blue prints
- Hand and power tools
- Shielding metal arc welding
- Gas metal arc welding
- Students will receive 2 elective credits.
- Students will have the opportunity to become NCCER credentialed.

Information Technology - Instructor Presley Anna Mitchell

- Introduction to computer hardware and operating systems
- Networking
- Applications and support
- Computer assembly, configuration and diagnostics
- Web design
- First year students can become TestOut IT Fundamentals certified
- Second year students can become TestOut Networking Pro certified
- Students will receive 2 elective credits

Culinary Arts - Instructor Heather Deaton

- Food preparation techniques
- Management Skills
- Food sanitation
- Exploration of Culinary history
- Students will receive 2 elective credits.

Collision Repair - Instructor Josh Brown

- Safety, tool identification/use, employee information
- Measurement
- Introduction to: steering and suspension systems, restraint systems, and welding/advanced welding
- Inspecting and analyzing body components
- Repairs to out body panels
- Collision estimating
- Painting mixing and matching
- Metal finishing and body filling
- Fixed glass procedure
- Second year students will take the Automotive Service Excellence Exam.

Industrial Maintenance - Instructor Brian Anglin

- Basic safety and employability skills
- Math, measuring tools and instruments
- Blueprints
- Hand and power tools
- Minor welding and oxyfuel cutting
- Gaskets, packing, pumps, drivers, valves, lubrication, test equipment and material handling
- National electrical code
- Conductor termination, hydraulics, and pneumatics
- Students will have the opportunity to become NCCER credentialed.
- Students will receive 2 elective credits

Architectural Design & Drafting - Instructor Lisa Locke

- Communicate design ideas through sketching, board drawing, and CAD software
- Apply principles of the manufacturing processes to develop a set of working drawings
- Apply technical and functional elements of design to produce a completed set of house plans
- Study career opportunities
- Students receive 1 math credit and 3 elective credits upon completion of the course sequence.
- Second year students will take the AutoCAD certification exam.
- *Students must have a 70 average in 8th grade math or 70 average in Alg.I to be enrolled in this program.*

Our students are proud members of the following student organizations: SkillsUSA, Future Farmers of American and Health Occupations Students of America.