



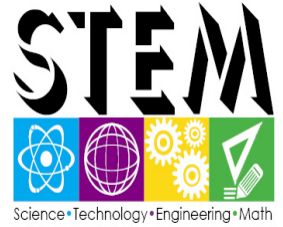
A. Crawford Mosley High School

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The STEM program at Mosley High School is a fusion of science, technology, engineering, and math. Employers and colleges are looking for well-rounded students that can solve problems, work collaboratively, and express themselves effectively. STEM provides the opportunity for students to become proficient in these areas and offers many pathways for student development. The STEM program brings together collaboration, innovation, and creativity to prepare students for the workplace of the twenty-second century.

The following is a list of the top STEM careers as adapted from a 2015 U.S. News Report Article

SCIENCE

Chemist
Nurse
Doctor

TECHNOLOGY

Software Developer
Information Security
Computer Analyst

ENGINEERING

Civil Engineer
Mechanical Engineer
Computer Engineer

MATH

Accountant
Database Manager

Mosley High School provides a diverse range of classes in each of the STEM categories. The many course options allow students to customize their career pathway with their own unique interests and future goals. Whether going to college or a job right after graduation, Mosley provides the skills and knowledge needed to prepare you for the future.

Students who take a minimum of 8 courses with at least one course from three of the four STEM areas will receive a STEM designation at graduation. The STEM designation recognizes students who have taken a variety of courses that will prepare them for a STEM career.

Qualifying courses for a Mosley High School STEM designation:



Chemistry Regular
Chemistry Honors
DE Chemistry
Biology Regular
Biology Honors
A.P. Biology
DE Human Biology
Anatomy & Physiology
A.P. Physics 1 & 2
Physics Honors

A.P. Computer Sci.
A.P. Computer Sci. Principles
Foundations of Programming
User Interface Design
Interactivity Essentials
Computers & Network Security
Cybersecurity Essentials
Game & Simulations Foundations
Digital Design 1, 2 & 3
Introduction to Information Technology
Foundations of Web Design

Intro to Engineering Design
Digital Electronics
Principles of Engineering

A.P. Calculus AB
A.P. Calculus BC
DE Trigonometry
DE Pre Calculus
A.P. Statistics
DE Statistics
DE College Alg.
DE Intermediate College Alg.