

# **Foundations of Engineering & Technology Syllabus**

**Academy of Richmond County High School – Room 407**

**Course Title:** Foundations of Engineering & Technology

**Instructor:** Mr. Israel Butler, M.Ed.

**Room:** 407

**Email:** Butleis@richmond.k12.ga.us

**Office Hours:** Monday - Friday, 8:00 AM - 9:00 AM and 3:15 PM - 4:00 PM

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## **Course Description**

Foundations of Engineering & Technology is a first-

Career Exploration in Engineering  
Technical Skills Introduction  
Overview of Engineering Projects

**Week 2:**

Detailed Study of Engineering Disciplines  
Engineering Design Process Introduction  
Hands-on Engineering Design Challenge  
Technical Drawing and CAD Introduction  
Review and Reflection on Engineering Concepts

**Office Hours**

Mr. Butler is available for additional support and consultation during office hours:

**Morning:** 8:00 AM - 9:00 AM

**Afternoon:** 3:15 PM - 4:00 PM

It's a year exploring the exciting world of engineering!

Mr. Israel Butler

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