

# Advanced Manufacturing - Mechatronics (STC-ADM)

Pending ACHE Approval

## Program Locations: Baldwin Preparatory Academy (Dual Enrollment)

Career-Technical Division

Length: Two Semesters

The Mechatronics program is designed to help students exit the program with hands-on skills and knowledge recognized by industry partners as the key competencies to succeed in the field of mechatronics technology.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of Alabama Transfers state transfer and articulation reporting system.

\* Short-term certificate not eligible for federal aid.

Subject: **Advanced Manufacturing Technology**

Type: Short-Term Certificate

## Semester One

Item #	Title	Credits
ADM 101	Precision Measurement	3
ADM 111	Manufacturing Safety Practices	3
IET 114	Basic Electricity	3
ILT 108	Introduction to Instruments and Process Control	3

## Semester Two

Item #	Title	Credits
IET 131	Fluid Power Systems	3
INT 117	Principles of Industrial Mechanics	3
INT 127	Principles of Industrial Pumps and Piping Systems	3
WKO 110	NCCER Core	3
	<b>Total credits:</b>	<b>24</b>