

Career and Technical Education							
ALSDE - approved CTE Course of Study Standards linked HERE.							
Supplemental Resources: Subject area courses may utilize the following supplemental resources:							
Below are the adopted textbooks for CTE courses as well as the course outline and description.							
Course	Textbook Title	Author	Edition	Publisher	Copyright Year	Tentative Course of Study	Course Descriptions
ADM 101 - Precision Measurement	NA	NA	NA	NA	NA	COASTAL ALABAMA COMMUNITY COLLEGE	This course covers the use of precision measuring instruments and an introduction to basic geometric dimensioning and tolerancing (GD&T) concepts. Emphasis is placed on the inspection of machine parts and use of a wide variety of measuring instruments. Upon completion students should be able to demonstrate correct use of measuring instruments. This supports CIP code 15.0613. This is a CORE course and is aligned with NIMS certification standards.
ADM 111 – Manufacturing Safety Practices	NA	NA	NA	NA	NA	COASTAL ALABAMA COMMUNITY COLLEGE	This course is an introduction to general issues, concepts, procedures, hazards, and safety standards found in an industrial environment. This safety course is to make technicians aware of safety issues associated with their changing work environment and attempt to eliminate industrial accidents. This course will offer credentialing for NCCER and OSHA 10 hour.
IET 114 – Basic Electricity	NA	NA	NA	NA	NA	COASTAL ALABAMA COMMUNITY COLLEGE	This course provides an introduction to direct current (DC) and alternating current (AC) electrical theory. Topics include atomic theory, magnetism, properties of conductors and insulators, and characteristics of series, parallel, and series-parallel circuits. Inductors and capacitors are introduced and their effects on DC and AC circuits are examined. Students are prepared to analyze complex circuits, solve for unknown circuit variables and use basic electronic test equipment. This course also provides hands on laboratory exercises to analyze, construct, test, and troubleshoot electrical circuits. Emphasis is placed on the use of a scientific calculator, the operation of common test equipment, and the physical wiring of electrical circuits.This course is also taught as INT 114
ILT 108 – Introduction to Instruments and Process Control	NA	NA	NA	NA	NA	COASTAL ALABAMA COMMUNITY COLLEGE	This course is an introductory study of the control devices and methods used in industry for the control and transmission of information pertaining to process variables. This study includes an introduction to instrumentation and control mathematics. This course also provides instruction in the fundamental concepts of pressure, force, weight, motion, liquid level, fluid flow and temperature.