

East Arkansas Community College
Associate of Applied Science in General Technology
Applied Engineering Option

The Associate of Applied Science (AAS) in General Technology is designed to prepare students to prepare for jobs in the technical areas. The program consists of general education core courses, major technical discipline courses, and courses in support areas. Students choose an option in which to specialize. A minimum of 60 hours is required for the degree.

In addition to the AAS-General Technology Applied Engineering Option, EACC offers the Technical Certificate in Applied Engineering. See the College catalog for more information or log on to www.eacc.edu.

I. General Education Courses	Credit Hours	Semester	Year	Grade
*BUS 1603 Computer Fundamentals	3			
*ENG 1013 English Composition I	3			
<i>Select one course from:</i>				
BUS 2013 Technical Communications -or-	3			
*ENG 1023 English Composition II	3			
MTH 1093 Mathematical Applications II or Higher	3			
Physical Science -- <i>Select one course from:</i>				
*PHY 1214 Physical Science -or-	4			
*PHY 2114 General Physics	4			
Total General Education Hours	16			
II. Applied Engineering Required Courses	Credit Hours	Semester	Year	Grade
BUS 2863 Continuous Quality Improvement	3			
DFT 1013 Fundamentals of Drafting	3			
DFT 1023 Introduction to Computer Aided Drafting	3			
DFT 2313 Electrical/Electronic Drafting with CADD	3			
EGR 1004 Fundamentals of Engineering I	4			
EGR 1013 Blueprint Reading	3			
EGR 2053 Precision Measurements	3			
EGR 2923 Engineering Technology Internship	3			
SFT 2073 Industrial Safety and OSHA	3			
Total Applied Engineering Required Hours	28			
III. Applied Engineering Electives	Credit Hours	Semester	Year	Grade
Select sixteen credit-hours to reach a total of 62 hours.				
EGR 2004 Engineering Design I	4			
EGR 2024 Engineering Design II	4			
EGR 2034 Engineering Product Development I	4			
EGR 2054 Engineering Product Development II	4			
EGR 2033 Engineering and Design Project	3			
ELE 1114 Electrical-Electrical Technology	4			
ELE 1124 Solid State and Digital Electronics	4			
ELE 2004 Electronics II	4			
Total Advanced Manufacturing Elective Hours	16			
TOTAL DEGREE CREDIT HOURS	60			

*ACTS Transfer Course - The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment of the application of credits for the admissions and degree requirements. ACTS-Arkansas Course Transfer System <http://acts.adhe.edu> -select Course Transfer. See Acceptance of Transfer Credits section on the current academic catalog for a complete list of transfer provisions.

8/10/2016