



ARKANSAS STATE UNIVERSITY - NEWPORT  
NEWPORT • JONESBORO • MARKED TREE

## Associate of Applied Science Energy Control Technology (60 ch)

### Program Description:

Students requiring developmental coursework may not be able to complete this program of study in four (4) semesters. Developmental courses do not count toward total degree hours. Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. General education courses may be interchanged between semesters.

### Possible Prerequisites:

Course #	Course Title
ENG0051	Writing Seminar
ENG0053	English Fundamentals

Year 1					
First Semester			Second Semester		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
ECT1123	Basic Electrical Circuits	3	ECT1213	Split Systems	3
ECT1133	Basic Electrical Circuits Lab	3	ECT1223	Split Systems Lab	3
ECT1144	Introduction to Air Conditioning Systems	4	ECT1243	HVACR Code Class	3
MATH1013	Mathematical Applications	3	ENG1203	Workplace Essentials	3
				Social Science Elective	3
<b>Total Hours</b>		<b>13</b>	<b>Total Hours</b>		<b>15</b>
Summer Term					
First Summer Term			Second Summer Term		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
ECT1323	Preventive Maintenance	3			
ECT2234	Building Performance Analysis	4			
<b>Total Hours</b>		<b>7</b>	<b>Total Hours</b>		
Year 2					
First Semester			Second Semester		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
ECT1253	Construction Trades Piping	3	ECT2116	Refrigeration Systems	6
ECT1314	Residential Heat Pumps	4	ECT2243	Advanced HVACR System Diagnostics	3
ECT2253	Home Performance Principles	3	ENG1003	Composition I	3
MIS1033	Introduction to Computers	3			
MIS1443	Technical Computer Applications				
MIS1503	Microcomputer Applications				
<b>Total Hours</b>		<b>13</b>	<b>Total Hours</b>		<b>12</b>

Additional Notes:

Social Science Elective: (Choose one from the following courses)  
SOC, PSY, HIST, ECON, GEOG, POSC