

**ARKANSAS STATE UNIVERSITY-NEWPORT**  
 ASSOCIATE OF APPLIED SCIENCE  
 Energy Control Technology

**A. Possible Prerequisites:**

Course #	Course Title
ENG 0051	Writing Seminar
ENG 0053	English Fundamentals

**B. General Education Core: (15 credit hours)**

Course #	Course Title		Hours	Semester	Grade	Transfer (Univ. / year)
ENG 1203	Workplace Essentials		_____	_____	_____	_____
ENG 1003	Composition I		_____	_____	_____	_____
MATH 1013	Mathematical Applications		_____	_____	_____	_____
MIS 1033	Introduction to Computers	<b>OR</b>	_____	_____	_____	_____
MIS 1443	Technical Computer Applications		_____	_____	_____	_____
MIS 1503	Microcomputer Applications	<b>OR</b>	_____	_____	_____	_____
Social Science Elective (3 credit hours)			_____	_____	_____	_____
_____			_____	_____	_____	_____

**C. Major Technical Discipline: (45 credit Hours)**

Course #	Course Title		Hours	Semester	Grade	Transfer (Univ. / year)
ECT 1123	Basic Electrical Circuits		_____	_____	_____	_____
ECT 1133	Basic Electrical Circuits Lab		_____	_____	_____	_____
ECT 1144	Introduction to Air Conditioning Systems		_____	_____	_____	_____
ECT 1213	Split Systems		_____	_____	_____	_____
ECT 1223	Split Systems Lab		_____	_____	_____	_____
ECT 1243	HVACR Code Class		_____	_____	_____	_____
ECT 1253	Construction Trades Piping		_____	_____	_____	_____
ECT 1314	Residential Heat Pump Systems		_____	_____	_____	_____
ECT 1323	Preventative Maintenance Technician		_____	_____	_____	_____
ECT 2116	Refrigeration Systems		_____	_____	_____	_____
ECT 2234	Building Performance Analysis		_____	_____	_____	_____
ECT 2243	Advanced HVACR Systems Diagnostics		_____	_____	_____	_____
ECT 2253	Home Performance Principles		_____	_____	_____	_____

**Total credit hours** \_\_\_\_\_

**Minimum Required Hours (60)**