



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 |
| Total Hours | | 13 | Total Hours | | 15 |
| 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 | | | |
| Total Hours | | 7 | Total Hours | | |
| 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 | | | | |
| Total Hours | | 13 | Total Hours | | 12 |

Additional Notes:

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