



Associate in Applied Science
HVACR Technology
Course Sequence Guide

| | | | |
|----------|--|-----|--|
| Student: | | | |
| Email: | | ID: | |
| Advisor: | | Ph: | |

| YEAR 1 - FALL SEMESTER | | | Crs | Gr |
|--------------------------|-----|--|-----------|----|
| HVAC | 101 | Introduction to Refrigeration & A/C Systems (co-req MATH 116) | 4 | |
| HVAC | 111 | Electricity-Blueprints-Fabrication (co-req MATH 116) | 4 | |
| MATH | 116 | Intermediate Algebra & Numerical Trigonometry (C- in MATH 110 or 19 ACT) | 4 | |
| ENGL | 150 | English 1 | 3 | |
| FSUS | 100 | FSU Seminar | 1 | |
| Total | | | 16 | |
| YEAR 1 - SPRING SEMESTER | | | Crs | Gr |
| HVAC | 102 | Advanced Refrigeration & A/C (C- or better in HVAC 101, 111 and MATH 116) | 4 | |
| HVAC | 117 | Advanced Electricity-Circuits (C- or better in HVAC 111 and MATH 116) | 4 | |
| HVAC | 132 | Fund of Heating & Mechanical Systems (C- or better in HVAC 111, MATH 116) | 5 | |
| | | Scientific Understanding Elective (PHYS 130 or 211, CHEM 103, 114 or 121, or BIOL 111. Must Include a Lab Section) | 4 | |
| Total | | | 17 | |
| YEAR 2 - FALL SEMESTER | | | Crs | Gr |
| HVAC | 235 | Advanced Heating-Mechanical Systems (C- or better in HVAC 117, 132) | 5 | |
| HVAC | 245 | HVAC Unitary System Design (C- or better in HVAC 101, 132) | 4 | |
| ISYS | 105 | Microcomputer Applications | 3 | |
| ENGL | 211 | Industrial and Career Writing (ENGL 150) | 3 | |
| | | Cultural Enrichment Elective | 3 | |
| Total | | | 18 | |
| YEAR 2 - SPRING SEMESTER | | | Crs | Gr |
| HVAC | 207 | Commercial Refrigeration Systems (C- or better in HVAC 102, 117) | 5 | |
| HVAC | 208 | Air Conditioning Applications (C- or better in HVAC 102, 117) | 5 | |
| COMM | 121 | Fundamentals of Public Speaking | 3 | |
| | | Social Awareness Elective | 3 | |
| Total | | | 16 | |

AAS Minimum General Education Requirements

Cultural Enrichment (CE) - 3 credits, Social Awareness (SA) - 3 credits, Communications - 6 credits, Scientific Understanding - 3-4 credits

Reference: http://www.ferris.edu/htmls/academics/gened/gen_edspecific.htm

Contact the HVACR Program office
for more information!
Phone: 231-591-2608
Email: hvacr@ferris.edu
www.ferris.edu/hvacr



Associate in Applied Science

HVACR Technology

Program Academic Requirements

| | | | | | | | | |
|----------|--|-----|--|--|--|------|----------|-----|
| Student: | | | | | | Code | Location | Crs |
| email: | | ID: | | | | | Ferris | |
| Advisor: | | Ph: | | | | 1 | Transfer | |

| MAJOR | | | Cr | Gr | Pts | S | Yr | Code | Notes |
|----------------------------------|-----|---|----|----|-----|---|----|------|-------|
| HVAC | 101 | Intro to Refrig & A/C Systems (co-req MATH 116) | 4 | | | | | | |
| HVAC | 102 | Advanced Refrigeration & A/C (C- or better in HVAC 101, 111 and MATH 116) | 4 | | | | | | |
| HVAC | 111 | Electricity-Blueprints-Fabrication (co-req MATH 116) | 4 | | | | | | |
| HVAC | 117 | Advanced Electricity-Circuits (C- or better in HVAC 111, MATH 116) | 4 | | | | | | |
| HVAC | 132 | Fund of Heating & Mechanical Systems (C- or better in HVAC 111, MATH 116) | 5 | | | | | | |
| HVAC | 207 | Commercial Refrigeration Systems (C- or better in HVAC 102, 117) | 5 | | | | | | |
| HVAC | 208 | Air Conditioning Applications (C- or better in HVAC 102,117) | 5 | | | | | | |
| HVAC | 235 | Advanced Heating-Mech System (C- or better in HVAC 117, 132) | 5 | | | | | | |
| HVAC | 245 | HVAC Unitary System Design (C- or better in HVAC 101, 132) | 4 | | | | | | |
| TECHNICAL RELATED | | | | | | | | | |
| ISYS | 105 | Microcomputer Applications | 3 | | | | | | |
| COMMUNICATIONS COMPETENCE | | | | | | | | | |
| ENGL | 150 | English 1 | 3 | | | | | | |
| ENGL | 211 | Industrial and Career Writing (ENGL 150) | 3 | | | | | | |
| COMM | 121 | Fundamentals of Public Speaking | 3 | | | | | | |
| QUANTITATIVE SKILLS | | | | | | | | | |
| MATH | 116 | Interm. Algebra & Numerical Trig (ACT 19 or MATH 110) | 4 | | | | | | |
| SCIENTIFIC UNDERSTANDING | | | | | | | | | |
| | | Scientific Understanding Elective (PHYS 130 or 211, CHEM 103, 114 or 121, BIOL 111. Course must have a lab) | 4 | | | | | | |
| CULTURAL ENRICHMENT | | | | | | | | | |
| | | Cultural Enrichment Elective | 3 | | | | | | |
| SOCIAL AWARENESS | | | | | | | | | |
| | | Social Awareness Elective | 3 | | | | | | |
| FRESHMEN SEMINAR | | | | | | | | | |
| FSUS | 100 | FSU Seminar | 1 | | | | | | |
| Unofficial Statistics | | | | | | | | | |
| | | Major: Total Crs / Earned Crs / Honor Points | 40 | | | | | | |
| | | Degree: Total Crs / Earned Crs / Honor Points | 67 | | | | | | |
| | | GPA Major: | - | | | | | | |
| | | GPA Degree: | - | | | | | | |

AAS Minimum General Education Requirements:

Cultural Enrichment (CE) – 3 credits, Social Awareness (SA) - 3 credits, Communications - 6 credits, Scientific Understanding - 3/4 credits

Reference: http://www.ferris.edu/htmls/academics/gened/gen_edspecific.htm

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