

| PROGRAM ARTICULATION DEGREE PLAN                          |  |            |   |   |            |
|---|--|------------|---|---|------------|
| <b>Shawnee Community College</b>                          | <b>2024-2025</b>                         |            | <b>Southern Illinois University Carbondale</b>  |   |            |
| AAS Heating/Ventilation/AC/Refrigeration (HVACR) - 62 hrs |  |            | BS Technical Resource Management (TRM) - 120 hrs  |   |            |
|   |  |            | <b>University Core Curriculum (UCC) CAPSTONE OPTION - 30 hrs</b>  |   |            |
|   |  | <b>Hrs</b> |   |   | <b>Hrs</b> |
|   |  |            | UNIV 101  | Saluki Success  | NA         |
| SPC 111   | Speech                                   | 3          | CMST 101  | Intro to Oral Communication                                 | T          |
| ENG 111   | English Composition I                    | 3          | ENGL 101  | English Composition I                                       | T          |
|   |  |            | ENGL 102  | English Composition II                                      | NA         |
| MAT 110   | General Education Math                   | 4          | MATH 101  | Intro to Contemporary Math                                  | T          |
| PSY 211   | Intro to Psychology                      | 3          | PSYC 102  | Intro to Psychology   | T          |
|   |  |            | SOCIAL SCIENCE  |   | 3          |
|   |  |            | HUMANITIES  |   | 3          |
|   |  |            | HUMANITIES  |   | NA         |
|   |  |            | PHYSICAL SCIENCE  |   | 3          |
|   |  |            | LIFE SCIENCE  |   | 3          |
|   |  |            | FINE ARTS   |   | 3          |
|   |  |            | HUMAN HEALTH  |   | NA         |
|   |  |            | MULTICULTURAL   |   | 3          |
|   |  | <b>13</b>  |   |   | <b>18</b>  |
| <b>Program Requirements</b>                               |  |            | <b>Program Requirements</b>   |   |            |
| BEL 161   | Basic Electricity I                      | 3          | <b>The AAS degree in Heating/Ventilation/AC/Refrigeration (HVACR) meets the Career Electives requirement of 42 hours.</b> |   |            |
| BEL 162   | Basic Electricity II                     | 3          |   |   |            |
| HAC 111   | Basic Sheet Metal Layout                 | 3          |   |   |            |
| HAC 113   | Electrical Controls & Circuitry          | 3          |   |   |            |
| HAC 130   | Commercial Refrigeration I               | 3          |   |   |            |
| HAC 160   | Air Conditioning I                       | 3          |   |   |            |
| HAC 211   | Advanced Sheet Metal Layout              | 2          |   |   |            |
| HAC 212   | Advanced Heating Systems                 | 3          |   |   |            |
| HAC 213   | Advanced Electrical Controls & Circuitry | 3          |   |   |            |
| HAC 220   | Installation of HVAC Systems             | 3          |   |   |            |
| HAC 230   | Commercial Refrigeration II              | 3          |   |   |            |
| HAC 260   | Air Conditioning II                      | 3          |   |   |            |
| HAC 297   | HVAC Internship                          | 2          |   |   |            |
| HEA 160   | Heating I                                | 3          |   |   |            |
| HEA 260   | Heating II                               | 3          |   |   |            |
| OSH 102   | OSHA General Industry                    | 2          |   |   |            |
| COM 111   | Business Computer Systems                | 4          |   |   |            |
|   |  | <b>49</b>  |   |   |            |
|   |  |            | TRM 316   | Applications of Technical Writing                           | 3          |
|   |  |            | TRM 364   | Work Center Management                                      | 3          |
|   |  |            | TRM 383   | Data Applications & Interpretation                          | 3          |
|   |  |            | TRM 425   | Operations Management                                       | 3          |
|   |  |            | TRM 464   | Managing for Quality  | 3          |
|   |  |            | TRM 470   | Project Management  | 3          |
|   |  |            | TRM Support Courses   | Select 2 from: TRM 332, 361, 362, 363E, 421, 440            | 6          |
|   |  |            | Approved Electives  | 300/400 Level   | 15         |
|   |  |            | TRM 319, 320, 350, 358  | As necessary to meet 42 senior institution hour requirement | 3          |
|   |  |            |   |   | <b>42</b>  |
| <b>Total semester hrs completed w/AAS degree:</b>         |  | <b>62</b>  | <b>Total semester hrs completed w/BS degree:</b>  |   | <b>60</b>  |
|   |  |            | <b>Total hrs to BS degree:</b>  |   | <b>122</b> |
| <i>Degree Plan updated on 8/26/24 by SG</i>               |  |            |   |   |            |