

**COLLEGE OF DUPAGE TO ILLINOIS INSTITUTE OF TECHNOLOGY**

**AAS in Heating Ventilation, Air Conditioning and Refrigeration TECHNICIAN (HVACR.AAS.HVAC)  
-to- BAC in Industrial Technology and Management (BINTM)**

Transfer Guide, December 2018

COD HVACR/HVAC Required Coursework	Transfers to Illinois Tech as...
<p><b><u>Communications: 2 courses (6 credits)</u></b>  <i>Written:</i> ENGL 1101 or 1105 (3)  <i>Oral:</i> SPEEC 1100, 1120 or 1150 (3)</p> <p><b><u>Mathematics: 1 course (3-5 credits)</u></b>  <i>Choose one:</i> MATH 1115, 1116, 1218, 1220, 1428 (3) or 1635 (4)</p> <p><b><u>Physical and Life Sciences: 1 course w/lab component (3-5 credits)</u></b>  <i>Choose one:</i> BIOLO 1100 (4), CHEMI 1105 (4) or PHYSI 1201 (4)</p> <p><b><u>Humanities: 1 course (3 credits)</u></b>  <i>Elective:</i> One course from Section B, IIT-COD Transfer Credits list  <a href="https://web.iit.edu/ugaa/cod-industrial-technology-and-management">https://web.iit.edu/ugaa/cod-industrial-technology-and-management</a></p> <p><b><u>Social and Behavioral Science: 1 course (3 credits)</u></b>  <i>Elective:</i> One course from Section C, IIT-COD Transfer Credits list  <a href="https://web.iit.edu/ugaa/cod-industrial-technology-and-management">https://web.iit.edu/ugaa/cod-industrial-technology-and-management</a></p> <p><b><u>HVACR/HVAC Major/Technical Coursework: 12 courses (33 credits)</u></b>            HVACR 1100 Refrigeration Principles (3)            HVACR 1105 Introduction to Safety, Materials and Equipment (3)            HVACR 1108 Refrigerant Certification (1)            HVACR 1110 Introduction to Electricity and HVACR Controls (3)            HVACR 1161 Introduction to Sheet Metal (2)            HVACR 1181 Heating Principles (3)            HVACR 2180 Residential and Light Commercial Forced-Air Heating (3)            HVACR 2186 Hydronic Heating (3)            HVACR 2201 Residential Air Conditioning (3)            HVACR 2202 Commercial Air Conditioning (3)            HVACR 2220 Installation (3)            HVACR 2225 Troubleshooting Systems (3)</p> <p><b><u>HVACR/HVAC Electives: 13 credits</u></b>            Choose 13 credits of HVACR courses or an identified Emphasis (below):  <i>Residential Service: HVACR 2232, 2240, 2260 (10 total) -or-</i>  <i>Commercial Service: HVACR 2210, 2236, 2250 (11 total)</i></p>	<p>Communications/COM 101 (Writing Proficiency) --</p> <p>Math</p> <p>BIOLO or CHEMI recommended</p> <p>HUM, HIST or PHILO recommended</p> <p>PSYCH, POLS, SOC SCI OR SOCIO recommended</p> <p>Natural Science (Physics)            Technical coursework            Technical coursework            Natural Science (Physics)            Technical coursework            Technical coursework            Technical coursework            Technical coursework            Technical coursework            Technical coursework            Technical coursework            Technical coursework            Technical coursework            Technical coursework            Technical coursework            Technical coursework            Technical coursework</p> <p>Technical coursework</p>
<p><b>TOTAL CREDITS REQUIRED FOR COD AAS IN HVACR/HVAC: 64-68</b></p>	
<p><b><u>Additional course(s) required for transfer to IIT: 3 courses</u></b>            Courses below are required to fulfill IIT General Education/Core Curriculum requirements. Students with college credit over and above that taken for COD's AAS in HVACR should consult with INTM at IIT <u>before</u> taking additional courses.</p> <ul style="list-style-type: none"> <li>- MATH (2 credits): One course from IIT-COD Transfer Credits list, Section E</li> <li>- COMPUTER SCIENCE (3 credits): One Computer Science (CIS) elective</li> <li>- SOCIAL SCIENCE (3 credits): Select one course from IIT-COD Transfer Credits list, Section C (ECON, SOC SCI or SOCIO recommended)</li> </ul>	