

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

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

Transfer Guide, December 2018

COD HVACR/MAINT Required Coursework	Transfers to Illinois Tech as...
<p><b><u>Communications: 2 courses (6 credits)</u></b>  <i>Written:</i> ENGLI 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> BIOL 1100 (4), CHEM 1105 (4) or PHYS 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/MAINT Major/Technical Coursework: 11 courses (31 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 1181 Heating Principles (3)            HVACR 2110 Facility Electrical Systems (3)            HVACR 2186 Hydronic Heating (3)            HVACR 2187 Central Heating Plants (3)            HVACR 2202 Commercial Air Conditioning (3)            HVACR 2236 Central Cooling Plants (3)            HVACR 2242 Mechanical Systems (3)</p> <p><b><u>HVACR/MAINT Electives: 15 credits</u></b>            Choose 15 hours of HVACR courses or an identified Emphasis (below):  <i>Commercial Facility Maintenance: HVACR 2210, 2230, 2231, 2250 -or-            Industrial Maintenance: HVACR 2241, ELMEC 1190, MANUF 1151, WELD 1100</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</p> <p>Technical coursework</p>

**TOTAL CREDITS REQUIRED FOR COD AAS IN HVACR/MAINT: 64-68**

**Additional course(s) required for transfer to IIT: 3 courses**  
*These courses 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 before taking additional courses.*

- MATH (2 credits): One course from IIT-COD Transfer Credits list, Section E
- COMPUTER SCIENCE (3 credits): One Computer Science (CIS) elective
- SOCIAL SCIENCE (3 credits): Select one course from IIT-COD Transfer Credits list, Section C (ECON, SOC SCI or SOCIO recommended)