

**TRANSFER GUIDE: TRITON COLLEGE TO ILLINOIS INSTITUTE OF TECHNOLOGY**

**AAS in Facilities Engineering Technology (FET) (C280A) -to-  
BAC in Industrial Technology and Management (INTM)**

Triton College students have the opportunity to expand their career options and professional abilities by transferring into the Bachelor of Industrial Technology and Management (INTM) program at Illinois Tech. The INTM program is designed to broaden students' knowledge of how to manage operations, resources, and technology within an industrial organization. This transfer guide outlines curriculum for both programs and identifies how the Triton coursework aligns with admission requirements for the INTM degree. Courses must be graded 'C' or better in order to transfer to Illinois Tech.

Triton FET Required Coursework	Transfers to Illinois Tech as...
<b><u>Communications: 2 courses (6 credits)</u></b>	
RHT 101 Freshman Rhetoric & Composition I (3)	Communications/COM 101 (Writing Proficiency)
SPE 101 Principles of Effective Speaking (3)	<i>[Required for AAS degree]</i>
<b><u>Mathematics: 1 course (3 credits)</u></b>	
MAT 122 Technical Math (3)	Math
<b><u>Humanities: 1 course (3 credits)</u></b>	
<i>Elective</i> One course from Section B, IIT-Triton Transfer Credits <a href="http://web.iit.edu/ugaa/transfer-credits/triton/">http://web.iit.edu/ugaa/transfer-credits/triton/</a>	Humanities: HIS, HUM or PHL recommended
<b><u>Social Science: 1 course (3 credits)</u></b>	
SSC 190 Contemporary Society (3)	Social Science
<b><u>FET Major/Technical Coursework: 14 courses (51 credits)</u></b>	
FET 101 Indoor Air Quality (4)	Technical coursework
FET 105 Commercial Heating & Cooling Systems I (4)	Technical coursework
FET 110 Electricity for Facilities Engineers I (4)	Natural Science/Engineering (Physics)
FET 115 Commercial Heating & Cooling Systems II (4)	Technical coursework
FET 125 Testing and Balancing (4)	Technical coursework
FET 135 Pneumatic and Direct Digital Controls (4)	Computer Science
FET 140 Plumbing Repair and Maintenance (3)	Technical coursework
FET 201 Understanding Plan Drawings (2)	Technical coursework
FET 210 Electricity for Facilities Engineers II (4)	Natural Science/Engineering (Physics)
FET 215 Basic Boiler Operations (4)	Technical coursework
FET 220 Energy Conservation (5)	Technical coursework
FET 225 Facility Sustainability & Green Technology (5)	Technical coursework
FET 230 Critical Systems (2)	Technical coursework
FET 250 Chief Engineer (2)	Technical coursework
<b>TOTAL CREDITS REQUIRED FOR TRITON AAS IN FACILITIES ENGINEERING TECHNOLOGY: 66</b>	
<b><u>Additional course(s)* required for transfer to IIT: 3 courses (9 credits)</u></b>	
- MATH (3): <i>At Triton, MAT 170 Elementary Statistics recommended or select one course Section F, IIT-Triton Transfer Credits List</i>	
- NATURAL SCIENCE/ENGINEERING** (3): <i>At Triton, CAD, BIM or Drafting recommended, or select one course in BIS or CHM</i>	
- HUMANITIES or SOCIAL SCIENCE elective (3): <i>At Triton, select one course from Section B or C, IIT-Triton Transfer Credits List</i>	
<a href="http://web.iit.edu/ugaa/transfer-credits/triton/">http://web.iit.edu/ugaa/transfer-credits/triton/</a>	
<i>*Equivalent coursework completed at another institution may satisfy this requirement. Students with college credit over and above that taken for Triton AAS in FET should consult with INTM at IIT before taking additional courses.</i>	
<i>**IIT's General Education Requirements for Natural Science/Engineering stipulate two courses must be in a single subject area and the third course must be in a different subject area. FET 110 and FET 210 will transfer to IIT as Physics courses, therefore an Engineering Graphics/Drafting course is recommended. Physics, Physical Science, Astronomy, and Geology courses are categorized as Physics at IIT.</i>	

INTM Admission Requirements: 60 credits	Satisfied by Triton AAS Coursework
<b>Technical Coursework: 31 credits</b> <b>Mathematics: 5-6 credits</b> <b>Natural Science/Engineering: 10-11 credits</b> <b>Computer Science: 3 credits</b> <b>Humanities/Social Sciences: 9 credits</b>	FET Major/Technical Courses MAT 122 plus MAT 170 or other elective FET 110, FET 210 plus one elective other than Physics FET 135 SSC 190, one HUM elective, one HUM or SS elective

Illinois Tech/INTM Coursework		
<p><b><u>Core Curriculum: 45 credits</u></b></p> <p>INTM 301 Communications for the Workplace (3)            INTM 315 Industrial Enterprises (3)            INTM 322 Industrial Project Management (3)            INTM 404 Marketing, Sales and Product Introduction (3)            INTM 408 Cost Management (3)            INTM 409 Inventory Control (3)            INTM 410 Operations Management (3)            INTM 425 Human Resource Management (3)            INTM 432 Sales &amp; Operations Planning (3)            Humanities (6 credits): Two (2) 300- or 400-level courses; choose from HIST, HUM, PHIL or LIT            Social Science (6 credits): Two (2) 300- or 400-level courses: choose from PSYC, PS, SOC or ECON            Interprofessional Project (IPRO) (6 credits)</p> <p><b><u>INTM Technical and Specialization Electives (21 credits)</u></b></p> <p>Select seven (7) courses from all electives listed below. Completing a specialization is optional.            To complete a specialization, student must complete four (4) courses within an identified focus area.            All courses below earn 3 credits.</p> <p><b><u>General Technical Electives</u></b></p> <p>INTM 314 Maintenance Technology and Management            INTM 319 Electronics in Industry            INTM 414 Topics in Industry            INTM 418 Industrial Risk Management            INTM 420 Applied Strategies for the Competitive Enterprise            INTM 427 E-Commerce            INTM 477 Entrepreneurship in Industry</p> <p><b><u>Specialization Electives</u></b></p> <table border="0"> <tr> <td> <p><b><u>Industrial Facilities (IF)</u></b></p> <p>INTM 407 Construction Technology                INTM 413 Contract Administration for Construction Projects                INTM 415 Advanced Project Management                INTM 416 Integrated Facilities Management                INTM 417 Construction Estimating</p> <p><b><u>Manufacturing Technology (MT)</u></b></p> <p>INTM 406 Quality Control                INTM 412 Mfg Processes for Metals/Mechanical Systems                INTM 431 Mfg Processes for Electronics/Electrical Systems                INTM 433 Chemical Processes in Industry                INTM 446 Manufacturing and Logistics Info Systems</p> <p><b><u>Telecommunication Technology (TT)</u></b></p> <p>ITMO 440 Introduction to Data Networks and the Internet                ITMO 441 Network Applications and Operations                ITMS 448 Cyber Security Technologies                INTM 449 Telecommunications over Data Networks</p> </td> <td> <p><b><u>Industrial Sustainability (ST)</u></b></p> <p>INTM 459 Issues in Industrial Sustainability                INTM 460 Sustainability of Critical Materials                INTM 461 Energy Options in Industry                INTM 462 Special Topics in Industry</p> <p><b><u>Supply Chain Management (SCM)</u></b></p> <p>INTM 430 Transportation                INTM 441 Supply Chain Management                INTM 442 Warehousing and Distribution                INTM 443 Purchasing                INTM 444 Export/Import                INTM 446 Manufacturing and Logistics Info Systems</p> </td> </tr> </table>	<p><b><u>Industrial Facilities (IF)</u></b></p> <p>INTM 407 Construction Technology                INTM 413 Contract Administration for Construction Projects                INTM 415 Advanced Project Management                INTM 416 Integrated Facilities Management                INTM 417 Construction Estimating</p> <p><b><u>Manufacturing Technology (MT)</u></b></p> <p>INTM 406 Quality Control                INTM 412 Mfg Processes for Metals/Mechanical Systems                INTM 431 Mfg Processes for Electronics/Electrical Systems                INTM 433 Chemical Processes in Industry                INTM 446 Manufacturing and Logistics Info Systems</p> <p><b><u>Telecommunication Technology (TT)</u></b></p> <p>ITMO 440 Introduction to Data Networks and the Internet                ITMO 441 Network Applications and Operations                ITMS 448 Cyber Security Technologies                INTM 449 Telecommunications over Data Networks</p>	<p><b><u>Industrial Sustainability (ST)</u></b></p> <p>INTM 459 Issues in Industrial Sustainability                INTM 460 Sustainability of Critical Materials                INTM 461 Energy Options in Industry                INTM 462 Special Topics in Industry</p> <p><b><u>Supply Chain Management (SCM)</u></b></p> <p>INTM 430 Transportation                INTM 441 Supply Chain Management                INTM 442 Warehousing and Distribution                INTM 443 Purchasing                INTM 444 Export/Import                INTM 446 Manufacturing and Logistics Info Systems</p>
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<p><b>TOTAL CREDITS TO BE COMPLETED AT ILLINOIS TECH: 66</b></p>		
<p><b>TOTAL CREDITS REQUIRED FOR BAC IN INDUSTRIAL TECHNOLOGY &amp; MANAGEMENT: 126</b></p>		

**FOR MORE INFORMATION...**

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**Triton Admissions and Records Office**  
708.456.0300 x3130  
[admissions@triton.edu](mailto:admissions@triton.edu)  
[www.triton.edu](http://www.triton.edu)

**FET Program Description:** <http://www.triton.edu/CollegeCatalog/facilities-engineering-technology.htm>

**Triton College Online Application:** <http://www.triton.edu/application/>

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**ILLINOIS INSTITUTE OF TECHNOLOGY**  
**Industrial Technology and Management**  
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Chicago IL 60616

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**School of Applied Technology**   
ILLINOIS INSTITUTE OF TECHNOLOGY

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**IIT Office of Undergraduate Admissions**  
312.567.3025  
[admission@iit.edu](mailto:admission@iit.edu)  
<http://admissions.iit.edu/undergraduate/>

**INTM Department Website:** <http://appliedtech.iit.edu/intm>

**INTM Program Description:** <http://appliedtech.iit.edu/industrial-technology-and-management/programs>

**INTM General Transfer Guidelines:** [http://appliedtech.iit.edu/sites/sat/files/elements/INTM/pdfs/INTM\\_CC\\_Transfer\\_Guidelines.pdf](http://appliedtech.iit.edu/sites/sat/files/elements/INTM/pdfs/INTM_CC_Transfer_Guidelines.pdf)

**INTM Admission:** <http://appliedtech.iit.edu/industrial-technology-and-management/admissions/undergraduate-admission>

**IIT/INTM Scholarship Information:** <http://appliedtech.iit.edu/industrial-technology-and-management/admissions/scholarship>

**IIT Online Application for Transfer Students:** <http://admissions.iit.edu/undergraduate/apply/transfer-applications>