

**TRANSFER GUIDE: PRAIRIE STATE COLLEGE TO ILLINOIS INSTITUTE OF TECHNOLOGY**

**AAS in Manufacturing Technology (MT) -to-  
BACHELOR in Industrial Technology and Management (BINTM)**

Prairie State 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 Prairie State College (PSC) AAS degree aligns with admission requirements for the INTM degree. Courses must be graded 'C' or better in order to transfer to Illinois Tech.

Prairie State MT Required Coursework	Transfers to Illinois Tech as...
<p><b><u>Communications: 2 courses (6 credits)</u></b></p> <p>ENG 101      Composition I (3) COMM 101    Principles of Communication (3)</p>	<p>Communications/COM 101 (Writing Proficiency) Communications/COM 101</p>
<p><b><u>Humanities/Fine Arts: 1 course (3 credits)</u></b></p> <p>One course from Area B, PSC General Education Core</p>	<p>Humanities; ENG, HIST, HUMAN or PHIL recommended</p>
<p><b><u>Mathematics: 1 course (4 credits)</u></b></p> <p>TECH 109    Technical Mathematics I (4)</p>	<p>Math</p>
<p><b><u>Physical/Life Sciences: 1 course (4 credits)</u></b></p> <p>PHYSI 120   College Physics I (4)</p>	<p>Natural Science/Engineering (Physics)</p>
<p><b><u>Social/Behavioral Sciences: 1 course (3 credits)</u></b></p> <p>One course from Area E, PSC General Education Core</p>	<p>Social Science; PSYCH, SOCIO or POLSC recommended</p>
<p><b><u>MT Major/Technical Coursework: 13 courses (41-42 credits)</u></b></p> <p>CADMD 141   Technical Drafting I (3) CADMD 243   Introduction to AutoCAD (3) MT 101        Machining Basics - Measurement, Materials and Safety (3) MT 102        Machining Job Planning, Benchwork and Layout (3) MT 105        Metal Working Processes III (3) MT 210        CNC Milling Level I (3) MT 211        CNC Turning Level I (3) MT 212        Introduction to Robotics (3) MT 214        CAD/CAM Systems (3) MT 215        Manufacturing Systems (4) MATH 151     College Algebra (4) PHYSI 130     College Physics II (4) ELECTIVE     CADMD 244 (3), HYDR 101 (2) -or- WELD 115 (3)</p>	<p>Natural Science/Engineering (Drafting/Eng Graphics) Technical Coursework Technical Coursework Technical Coursework Technical Coursework Technical Coursework Technical Coursework Technical Coursework Technical Coursework Technical Coursework Technical Coursework Technical Coursework -- (Required for PSC AAS degree) Natural Science/Engineering (Physics) Technical coursework</p>
<p><b>TOTAL CREDITS REQUIRED FOR PRAIRIE STATE AAS IN MANUFACTURING TECHNOLOGY: 61-62</b></p>	
<p><b><u>Additional course(s) required for transfer to IIT: 3 courses (8 credits)</u></b></p> <p><i>Before taking additional courses, student should contact IIT's INTM Office to consult with an academic advisor (see pg. 3).</i></p> <ul style="list-style-type: none"> <li>- <b>COMPUTER SCIENCE (3):</b> At PSC, ELECT 208 recommended, or ITAPP 101</li> <li>- <b>MATH (3-4):</b> At PSC, select MATH 115, 153, 155, 157, or 165 (MATH 153 recommended)</li> <li>- <b>SOCIAL SCIENCE or HUMANITIES (3):</b> At PSC, choose one course in PSYC, SOCIO or POLSC, Area E, PSC General Education Core, -or- one course in HIST, ENG, HUMAN or PHILO from Area B, PSC General Education Core</li> </ul>	

<b>INTM Admission Requirements: 60 credits</b>	<b>Satisfied by PSC AAS Coursework</b>
<b>Technical Coursework: 31 credits</b>	MT Major/Technical Courses
<b>Mathematics: 5-6 credits</b>	TECH 109 plus MATH 153 or 115
<b>Natural Science/Engineering: 10-11 credits</b>	PHYSI 120, PHYSI 130, CADMD 141
<b>Computer Science: 3 credits</b>	ELECT 208 or ITAPP 101
<b>Humanities/Social Sciences: 9 credits</b>	3 elective courses as specified

<b>Illinois Tech/INTM Coursework</b>	
<b><u>Core Curriculum: 45 credits</u></b>	
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 & 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)	
<b><u>INTM Technical and Specialization Electives (21 credits)</u></b>	
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.	
<b><u>General Technical Electives</u></b>	
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
<b><u>Specialization Electives</u></b>	
<b><u>Industrial Facilities (IF)</u></b>	
INTM 407	Construction Technology
INTM 413	Facilities and Construction Administration
INTM 415	Advanced Project Management
INTM 416	Integrated Facilities Management
INTM 417	Construction Estimating
<b><u>Industrial Sustainability (ST)</u></b>	
INTM 459	Issues in Industrial Sustainability
INTM 460	Sustainability of Critical Materials
INTM 461	Energy Options in Industry
INTM 462	Special Topics in Industry
<b><u>Manufacturing Technology (MT)</u></b>	
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
<b><u>Supply Chain Management (SCM)</u></b>	
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
<b><u>Telecommunication Technology (TT)</u></b>	
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
<b>TOTAL CREDITS TO BE COMPLETED AT ILLINOIS INSTITUTE OF TECHNOLOGY: 66</b>	
<b>TOTAL CREDITS REQUIRED FOR BACHELOR IN INDUSTRIAL TECHNOLOGY &amp; MANAGEMENT: 126</b>	

**FOR MORE INFORMATION...**

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708.709.7807  
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**PSC Counseling and Academic Advising**  
First Floor, Room 1190  
708.709.3506  
<http://prairiestate.edu/get-started/index.aspx>

**MT Program Advising Guide:** [http://prairiestate.edu/Assets/Global/advisingguides/mt\\_aas.pdf](http://prairiestate.edu/Assets/Global/advisingguides/mt_aas.pdf)

**MT Program Website:** <http://prairiestate.edu/academics/academic-programs/industrial-technology/manufacturing-technology.aspx>

**PSC Programs Catalog:** <http://prairiestate.edu/apply-reg-pay/how-to-enroll/catalogs/index.aspx>

**PSC Enrollment Procedures:** <http://prairiestate.edu/assets/global/admissions/formfiles/admissionsfunnel.pdf>

**PSC Counseling and Advising Center:** <http://prairiestate.edu/student-services/advising-and-counseling/index.aspx>

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**Industrial Technology and Management**  
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**IIT Office of Undergraduate Admissions**  
312.567.3025  
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>