

TRANSFER GUIDE: TRITON COLLEGE TO ILLINOIS INSTITUTE OF TECHNOLOGY

AAS in Engineering Technology/Mechanical Design (ENT/ENT) (C248V) -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 ENT Required Coursework	Transfers to Illinois Tech as...
<u>Communications: 2 courses (6 credits)</u>	
RHT 101 Freshman Rhetoric & Composition I (3)	Communications/COM 101 (Writing Proficiency)
SPE 101 Principles of Comm -or- RHT 102 Rhetoric & Comp II (3)	--
<u>Mathematics: 2 courses (6-9 credits)</u>	
MAT 111 Pre-Calculus (5) -or- MAT 114 Plane Trigonometry (3)	Math
MAT 170 Elem Statistics (4) -or- MAT 103 Applied Interm Algebra (3)	Statistics recommended; MAT 103 won't transfer
<u>Science: 2 courses (7 credits)</u>	
PHY 101 General Physics (Mechanics, Heat & Sound) (5)	Natural Science/Engineering (Physics)
HTH 104 Science of Personal Health -or- HTH 281 First Aid & CPR (2)	--
<u>Social Science: TAKE 1 of the following (3 credits)</u>	
HIS 151 History of the U.S. to 1877 (3)	Humanities
PSC 150 American National Politics (3)	Social Science
SSC 190 Contemporary Society (3)	Social Science
<u>Humanities: 1 course (3 credits)</u>	
<i>Elective</i> One course from Section B, IIT-Triton Transfer Credits http://web.iit.edu/ugaa/transfer-credits/triton/	HIS, HUM or PHL recommended
<u>ENT Major/Technical Coursework: 13 courses (40 credits)</u>	
ENT 104 Electricity I (3)	Natural Science/Engineering (Physics)
ENT 110 Production Drawings & CAD (4)	Natural Science/Engineering (Drafting)
ENT 252 Introduction to Mechanical AutoCAD (3)	Technical coursework
ENT 103 Introduction to Automation (3)	Technical coursework
ENT 115 Fluid Power (3)	Technical coursework
ENT 232 Descriptive Geometry (3)	Technical coursework
ENT 111 Metrology w/Geometric Dimensioning & Tolerancing (3)	Technical coursework
ENT 260 Jig & Fixture Design (3)	Technical coursework
ENT 270 Machine Design (3)	Technical coursework
ENT 295 Applied Statics (3)	Technical coursework
ENT XXX Program Electives (9)	Technical coursework
> Recommended elective: *ENT 204 Programmable Logic Control I	Computer Science
TOTAL CREDITS REQUIRED FOR TRITON AAS IN ENT/MECHANICAL DESIGN: 65-68	
<u>Additional course(s)** required for transfer to IIT: 1 course (3 credits)</u>	
One course from Section C, IIT-Triton Transfer Credits List http://web.iit.edu/ugaa/transfer-credits/triton/	Social Science; SOC or PSY recommended
* Taking ENT 204 as elective will eliminate need to take additional Computer Science course.	

INTM Admission Requirements: 60 credits	Satisfied by Triton AAS Coursework
Technical Coursework: 31 credits	ENT Major/Technical Courses
Mathematics: 5-6 credits	MAT 170 and MAT 111 or MAT 114
Natural Science/Engineering: 10-11 credits	PHY 101, ENT 104, ENT 110
Computer Science: 3 credits	ENT 204 (or CS course)
Humanities/Social Sciences: 9 credits	HIST 151, PSC 150, SSC 190 or elective

Illinois Tech/INTM Coursework	
<u>Core Curriculum: 45 credits</u>	
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)	
<u>INTM Technical and Specialization Electives (21 credits)</u>	
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.	
<u>General Technical Electives</u>	
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	
<u>Specialization Electives</u>	
<u>Industrial Facilities (IF)</u>	<u>Industrial Sustainability (ST)</u>
INTM 407 Construction Technology	INTM 459 Issues in Industrial Sustainability
INTM 413 Facilities and Construction Administration	INTM 460 Sustainability of Critical Materials
INTM 415 Advanced Project Management	INTM 461 Energy Options in Industry
INTM 416 Integrated Facilities Management	INTM 462 Special Topics in Industry
INTM 417 Construction Estimating	
<u>Manufacturing Technology (MT)</u>	<u>Supply Chain Management (SCM)</u>
INTM 406 Quality Control	INTM 430 Transportation
INTM 412 Mfg Processes for Metals/Mechanical Systems	INTM 441 Supply Chain Management
INTM 431 Mfg Processes for Electronics/Electrical Systems	INTM 442 Warehousing and Distribution
INTM 433 Chemical Processes in Industry	INTM 443 Purchasing
INTM 446 Manufacturing and Logistics Info Systems	INTM 444 Export/Import
	INTM 446 Manufacturing and Logistics Info Systems
<u>Telecommunication Technology (TT)</u>	
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	
TOTAL CREDITS TO BE COMPLETED AT ILLINOIS TECH: 66	
TOTAL CREDITS REQUIRED FOR BAC IN INDUSTRIAL TECHNOLOGY & MANAGEMENT: 126	

FOR MORE INFORMATION...

TRITON COLLEGE
2000 Fifth Avenue
River Grove, IL 60171

Antigone Sharris
Program Coordinator, Engineering Technology
708.456.0300 x3622
asharris@triton.edu

Triton Admissions and Records Office
708.456.0300 x3130
admissions@triton.edu
www.triton.edu/admissions

ENT Program Description: <http://www.triton.edu/CollegeCatalog/engineering-technologymechanical-design-degree.htm>
Triton College Online Application: <http://www.triton.edu/application/>

ILLINOIS INSTITUTE OF TECHNOLOGY
Industrial Technology and Management
3424 S. State Street, Tech South 4001
Chicago IL 60616

School of Applied Technology 
ILLINOIS INSTITUTE OF TECHNOLOGY

Eve Gutmann
Communications Coordinator, INTM
312.567.3649
egutmann@iit.edu

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

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>