## Triton ENT Required Coursework

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

<table>
<thead>
<tr>
<th>Additional course(s)** required for transfer to IIT: 1 course (3 credits)</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>One course from Section C, IIT-Triton Transfer Credits List</td>
<td>Social Science; SOC or PSY recommended</td>
</tr>
<tr>
<td><a href="http://web.iit.edu/ugaa/transfer-credits/triton/">http://web.iit.edu/ugaa/transfer-credits/triton/</a></td>
<td></td>
</tr>
</tbody>
</table>

* 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
- 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

Core Curriculum:  45 credits
- 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)

INTM Technical and Specialization Electives (21 credits)

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.

General Technical Electives
- 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

Specialization Electives

Industrial Facilities (IF)
- INTM 407 Construction Technology
- INTM 413 Facilities and Construction Administration
- INTM 415 Advanced Project Management
- INTM 416 Integrated Facilities Management
- INTM 417 Construction Estimating

Manufacturing Technology (MT)
- 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

Telecommunication Technology (TT)
- 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

Industrial Sustainability (ST)
- INTM 459 Issues in Industrial Sustainability

Supply Chain Management (SCM)
- 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

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

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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-technology/mechanical-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

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Communications Coordinator, INTM
312.567.3649
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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 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