## COLLEGE OF DUPAGE TO ILLINOIS INSTITUTE OF TECHNOLOGY

**AAS in Manufacturing Technology Drafting/Design (MANUF.AAS.DRAFT) to- BAC in Industrial Technology and Management (BINTM)**

Transfer Guide, December 2018

### COD MANUF/DRAFT Required Coursework

<table>
<thead>
<tr>
<th>Communications: 2 courses (6 credits)</th>
<th>Transfers to Illinois Tech as...</th>
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<tr>
<td>Written: ENGLI 1101 or 1105 (3)</td>
<td>Communications/COM 101 (Writing Proficiency)</td>
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<td>Oral: SPEEC 1100, 1120 or 1150 (3)</td>
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**Mathematics: 1 course (3-5 credits)**

Choose one: MATH 1115, 1116, 1218, 1220, 1428, 1431 (3) or 1635 (4)

**Physical and Life Sciences: 1 course w/lab component (3-5 credits)**

Choose one: BIOLO 1100, CHEMI 1105, EARTH 1122 or PHYSI 1201 (4)

**Humanities: 1 course (3 credits)**

Elective: One course from Section B, IIT-COD Transfer Credits list

https://web.iit.edu/ugaa/cod-industrial-technology-and-management

**Social and Behavioral Science: 1 course (3 credits)**

Elective: One course from Section C, IIT-COD Transfer Credits list

https://web.iit.edu/ugaa/cod-industrial-technology-and-management

**MANUF/DRAFT Major/Technical Coursework: 11 courses (32 credits)**

- MANUF 1101 Industrial Design/CAD (3)  
- MANUF 1104 Technical Mechanics (2)  
- MANUF 1121 Physical Metallurgy (3)  
- MANUF 1151 Machine Shop I (3)  
- MANUF 1180 Quality Control (3)  
- MANUF 2202 Solid Modeling and Design (3)  
- MANUF 2203 Manufacturing Processes and Design (3)  
- MANUF 2206 Mechanical Computer-Aided Drafting/Design (3)  
- MANUF 2207 Tool Design (3)  
- MANUF 2208 Mechanical Design Portfolio (3)  
- ELECT 1100 Electricity and Electronics Fundamentals (3)  

**MANUF/DRAFT Electives: 13 credits**

Select 13 credits from the following courses:

- MANUF 2251 and ELMEC 1190 will transfer as Computer Science
- MANUF 1110, 2201, 2251, 2280, 2281; ELMEC 1141, 1171, 1190; WELD 1100
- Remaining courses transfer as Technical coursework

### TOTAL CREDITS REQUIRED FOR COD AAS IN MANUF/DRAFT: 65

**Additional course(s) required for transfer to IIT: 2-3 courses**

Courses below are required to fulfill IIT General Education/Core Curriculum requirements. Students with college credit over and above that taken for COD’s AAS in MANUF/DRAFT should consult with INTM at IIT before taking additional courses.

- MATH (3 credits): One course from IIT-COD Transfer Credits list, Section E
- COMPUTER SCIENCE (3 credits): If ELMEC 1190 or MANUF 2251 are not taken as MANUF/DRAFT elective, take CIS 1150 or CIS 1221 (3)
- HUM or SOC SCI (3 credits): One course from IIT-COD Transfer Credits list, Section B or C (ECON, SOC SCI or SOCIO recommended)