

COLLEGE OF DUPAGE TO ILLINOIS INSTITUTE OF TECHNOLOGY

**AAS in Automated Manufacturing Systems (MANUF.AAS.AUTO)
-to- BAC in Industrial Technology and Management (BINTM)**

Transfer Guide, December 2018

COD MANUF/AUTO Required Coursework	Transfers to Illinois Tech as...
<p><u>Communications: 2 courses (6 credits)</u> Written: ENGLI 1101 or 1105 (3) Oral: SPEEC 1100, 1120 or 1150 (3)</p> <p><u>Mathematics: 1 course (3-5 credits)</u> Choose one: MATH 1115, 1116, 1218, 1220, 1428, 1431 (3) or 1635 (4)</p> <p><u>Physical and Life Sciences: 1 course w/lab component (3-5 credits)</u> Choose one: BIOL 1100, CHEMI 1105, EARTH 1122 or PHYSI 1201 (4)</p> <p><u>Humanities: 1 course (3 credits)</u> Elective: One course from Section B, IIT-COD Transfer Credits list https://web.iit.edu/ugaa/cod-industrial-technology-and-management</p> <p><u>Social and Behavioral Science: 1 course (3 credits)</u> Elective: One course from Section C, IIT-COD Transfer Credits list https://web.iit.edu/ugaa/cod-industrial-technology-and-management</p>	<p>Communications/COM 101 (Writing Proficiency) --</p> <p>Math</p> <p>EARTH or PHYSI recommended</p> <p>HUM, HIST or PHILO recommended</p> <p>PSYCH, POLS, SOC SCI or SOCIO recommended</p>
<p><u>MANUF/AUTO Major/Technical Coursework: 14 courses (40 credits)</u></p> <p>MANUF 1101 Industrial Design/CAD (3) MANUF 1104 Technical Mechanics (2) MANUF 1110 Metrology (3) MANUF 1121 Physical Metallurgy (3) MANUF 1151 Machine Shop I (3) MANUF 1180 Quality Control (3) MANUF 2202 Solid Modeling and Design (3) MANUF 2251 Computer Numerical Control (CNC) MANUF 2253 Computer-Aided Manufacturing (CAM) MANUF 2280 Industrial Safety (2) ELECT 1100 Electricity and Electronics Fundamentals (3) ELMEC 1141 Hydraulics and Pneumatics (3) ELMEC 1171 Introduction to Robotic Technology (3) ELMEC 1190 Introduction to Programmable Logic Controllers</p>	<p>Natural Science/Engineering (Eng Graphics) Technical coursework Technical coursework Natural Science/Eng (Physics) or Technical coursework Technical coursework Technical coursework Technical coursework Technical coursework Technical coursework Technical coursework Natural Science/Eng (Physics) or Technical coursework Technical coursework Technical coursework Computer Science</p>
<p><u>MANUF/AUTO Electives: 6 credits</u> Select 6 credits from the following courses: MANUF 1153, 1160, 2201, 2203, 2206, 2207, 2271</p>	<p>Technical coursework</p>

TOTAL CREDITS REQUIRED FOR COD AAS IN MANUF/AUTO: 66

Additional course(s) required for transfer to IIT: 2 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/AUTO should consult with INTM at IIT before taking additional courses.

- MATH (3 credits): One course from IIT-COD Transfer Credits list, Section E
- HUM or SOC SCI (3 credits): One course from IIT-COD Transfer Credits list, Section B or C (ECON, SOC SCI or SOCIO recommended)