

# ASSOCIATES OF APPLIED SCIENCE IN DESIGN DRAFTING 2023-2024

FRESHMAN YEAR   FALL	CREDITS	COMPLETED
BGEN 112 Creative Problem Solving	3	<input type="checkbox"/>
DDSN 119 Technical Graphics I with Lab	3	<input type="checkbox"/>
ETCC 173 Architectural Construction and Materials	3	<input type="checkbox"/>
<b>CATEGORY II: Mathematics</b>		
M 121 College Algebra	3	<input type="checkbox"/>
MCH 200 Machining with Lab	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>15</b>	

FRESHMAN YEAR   SPRING	CREDITS	COMPLETED
<b>CATEGORY I: Communication</b>		
COMX 111 Introduction to Public Speaking	3	<input type="checkbox"/>
DDSN 114 Intro to CAD with Lab	3	<input type="checkbox"/>
M 112 Trigonometry and Complex Numbers	2	<input type="checkbox"/>
MFGT 210 CAD/CAM I with Lab	3	<input type="checkbox"/>
SRVY 230 Intro to Surveying for Engineers with Lab	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>14</b>	

SOPHOMORE YEAR   FALL	CREDITS	COMPLETED
DDSN 116 3D CAD with Lab	3	<input type="checkbox"/>
DDSN 265 Architectural Drafting with Lab	3	<input type="checkbox"/>
EGEN 203 Applied Mechanics	3	<input type="checkbox"/>
PHSX 205 College Physics I	3	<input type="checkbox"/>
PHSX 206 College Physics I Lab	1	<input type="checkbox"/>
<b>CATEGORY I: Communication</b>		
WRIT 101 College Writing I	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>16</b>	

SOPHOMORE YEAR   SPRING	CREDITS	COMPLETED
DDSN 239 Parametric CAD	3	<input type="checkbox"/>
DDSN 245 Civil Drafting with Lab	3	<input type="checkbox"/>
DDSN 255 Machine Drafting with Lab	3	<input type="checkbox"/>
EGEN 208 Applied Strength of Materials	3	<input type="checkbox"/>
MCH 250 Manufacturing Processes of Materials with Lab	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>15</b>	



# THE VALUE OF YOUR DESIGN DRAFTING DEGREE



MSU-Northern's Industrial Technology programs offer students a chance to work alongside engineers and engineering departments to develop products such as automobiles, power sports equipment, toys, and everything in between.

With some of the most hands-on classes on campus, our Industrial Technology programs train graduates to use their education to recognize and find real solutions to engineering problems. Students will design, prototype, test, and manufacture real-world parts, tools, and systems in order to be prepared to enter the manufacturing sector.

## 15 TO FINISH

### WANT TO GRADUATE ON TIME? SAVE MONEY? GET BETTER GRADES?

# 15

You're going to need 15. That's the number of credits you need to take each semester to graduate on time. Sure, you can take less and still receive some scholarships and funding. But unless you take 15 credits a semester (or 30 a year), you're looking at an extra year or more in order to graduate. Know the courses you need to graduate, and meet with your advisor to map out a plan to earn your degree on time.