



**TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS**

**NTC Program: MECHANICAL DESIGN**

**UW-Oshkosh Program: Mechanical Engineering Technology**

**Minimum GPA for admission: 2.0**

**Initial effective date: July 1, 2017**

**General Education Courses**

NTC			UW-Oshkosh		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-804-195	College Algebra with Apps (3 cr.) <u>OR</u>	3 to 4	Math 104	College Algebra	3
10-804-118	Intermediate Algebra with Apps (4 cr.)				
10-806-154	General Physics 1	4	PHYS 107	General Physics 1	4
10-801-195	Written Communication <u>OR</u>	3	WBIS 188	Writing Based Inquiry Seminar	3
10-801-136	English Composition 1				
10-801-197	Technical Reporting	3	ENGL 317	Technical Writing	3
10-809-172	Intro to Diversity <u>OR</u>	3	SOC 1	Elective Credit	3
10-809-196	Intro to Sociology		SOC 101	Intro to Sociology	
10-809-198	Intro to Psychology <u>OR</u>	3	PSYCH 101	General Psychology	3
10-809-199	Psychology of Human Relations		PSYCH 1	Elective Credit	
<b>Total general education credits earned:</b>		<b>19-20</b>			
Total transferable general education credits:		19	<b>Total general education credits accepted:</b>		<b>19</b>

**Occupational Courses**

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-606-105	Technical Drafting/CAD	2	ENGR 105	Fundamentals of Drawing (3 cr)	4
10-606-106	2D AutoCad Applications	2			
10-606-128	Technical Detailing	2	ENGR 1	Elective Credit	2
10-606-132	Materials of Industry	2	ENGR 1	Elective Credit	2
10-606-160	Manufacturing Processes - Machining	2	ENGR 116	Basic Manuf Processes (3 cr)	4
10-606-162	Manufacturing Processes - Fabrications	2			
10-606-103	Mechanical Design Workforce Preparedness	1	ENGR 1	Elective Credit	1
10-606-111	Applied Mechanics for Technicians	3	PHYS 201	Engineering Statics (3 cr)	3
10-606-115	Machine Design 1	2	ENGR 1	Elective Credit	2
10-606-163	Strength of Materials	3	ENGR 220	Mechanics of Materials (3 cr)	3
10-606-133	SolidWorks 1	1	ENGR 207	Parametric Modeling (3 cr)	4
10-606-134	SolidWorks 2	1			
10-606-130	Autodesk Inventor 3D CAD Software	2			
10-606-107	Designing for Manufacturability	4	ENGR 1	Elective Credit	4
10-606-114	Mechanisms	4	ENGR 221	Machine Components (3 cr)	4

10-606-117	Machine Design 2	3	ENGR 1	Elective Credit	3
10-612-120	Fluid Power Systems 1: Fundamentals	1	ENGR 118	Fluid Control (2 cr) <b>course not satisfied</b> - can take Fluid Power Systems 2 to satisfy requirement	1
10-606-108	Geometric Dimensioning & Tolerancing Fund.	1	ENGR 1	Elective Credit	1
10-606-109	Computer Apps & Analysis for Engineers	1	ENGR 1	Elective Credit	1
10-606-116	Tooling & Production	2	ENGR 1	Elective Credit	2
10-606-125	Design Problems	3	ENGR 322	Design Problems (3 cr)	3
	<b>Total occupational course credits earned:</b>	<b>44</b>		<b>Total occupational course credits accepted:</b>	<b>44</b>
	<b>Total credits required for graduation:</b>	<b>63-64</b>			
	<b>Total transferable credits:</b>	<b>63</b>		<b>Total credits accepted at UW-Oshkosh:</b>	<b>63</b>

**Additional Classes to take to transfer to UW-Oshkosh:**

**Courses needed to complete degree at UW-Oshkosh:**

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-801-198	Speech	3	COMM 111	Intro to Public Speaking	3
				History Course	3
				Social Science Course	3
				Global Citizenship Course	3
				English Literature	3
10-809-166	Intro to Ethics: Theory & App	3		Humanities Courses	6
			ENGL 312	Advanced Composition	3
10-804-198	Calculus 1	4	MATH 171	Calculus I	4
			MATH 172	Calculus II	4
			ENGR 130	Basic Electrical Circuits I	4
			PHYS 202	Engineering Dynamics	3
			ENGR 118	Fluid Control	2
			ENGR 318	Fluid Dynamics	3
			ENGR 320	Motors & Drives	4
			ENGR 330	Thermodynamics	3
			ENGR 335	Heat Transfer	3
			ENGR 342	Measure, Control & Data	3
			ENGR 360	Eng Project Management	3
			ENGR 390	Mechatronics	4
			ENGR 400	Internship OR	1
			ENGR 410	Capstone Project	
				<b>Total credits needed at UW-Oshkosh to complete degree:</b>	<b>65</b>

Disclaimer: Students planning to transfer should contact NTC's Transfer Specialist and transfer personnel at UW-Oshkosh for the most current transfer information.

Updated on: 08/28/18