



**Transfer Institution:**  
Waukesha County Technical College  
**Associate Degree Program:**  
Mechanical Engineering Technology  
**Bachelor's Degree Program:**  
Mechanical Engineering  
**Academic Year:** 2026-2027

**GENERAL STUDIES COURSES** \*asterisk indicates preferred course for transfer.

WCTC			CARROLL		
COURSE NUMBER	COURSE TITLE	CREDIT	COURSE NUMBER	COURSE TITLE	CREDIT
801-136 OR 801-223 Approved Sub	English Composition I English Composition II	3	ENG170	Writing Seminar	3
801-196 OR 801-198 Approved Sub	Oral/Interpersonal Communication Speech	3	COM101	Principles of Communication	3
804-156	Calculus 2	4	MAT161	Calculus II	4
804-198	Calculus 1	4	MAT160	Calculus I	4
806-187	Calculus Based Physics 1	3	PHY203	General Physics I	3
809-195 OR 809-143*, 809-287* Approved Sub	Economics Microeconomics Macroeconomics	3	ELE000 ECO124 ECO225	Elective Principles of Economics-Microecon. Principles of Economics-Macroecon.	3
809-199 OR 809-198	Psychology of Human Relations Introduction to Psychology	3	ELE000 PSY101	Elective Introductory Psychology	3
Total general studies credits earned:		23	Total general studies credits accepted:		23

**CORE COURSES**

WCTC			CARROLL		
COURSE NUMBER	COURSE TITLE	CREDIT	COURSE NUMBER	COURSE TITLE	CREDIT
420-160	Manufacturing Processes-Cold	2	½ of MEE2400	Manufacturing Process	2
606-114	GD&T	3	ELE000	Elective	3
606-115	Technical Drafting/CAD	4	½ GEN105	½ of Engineering Graphics	4
606-116	Machine Design Elements	3	ELE000	Elective	3
606-117	Computer Programming Engineers	3	ELE000	Elective	3
606-121	Technical Statics	4	GEN210	Statics and Dynamics	4
606-123	Solid Mechanics	3	GEN310	Strengths of Materials	3
606-135	Engineering Design Projects I	2	GEN101	Engineering Seminar II	2
606-137	Measurement/Experimentation	3	ELE000	Elective	3
606-145	Engineering Design Projects II	2	GEN201	Simulated Engineering Firm	2
606-162	Manufacturing Process - Hot	2	½ of MEE2400	Manufacturing Process	2
606-169	Dynamics	3	MEE2150	Dynamics	3
606-170	Kinematics	3	ELE000	Elective	3
606-186	3D/Parametric Design	3	½ GEN105	½ of Engineering Graphics	3
606-189	Finite Elem Analysis/Engineers	3	MEE000	Mechanical Engineering Technical Elective	3
Total core credits earned:		43	Total core credits earned:		43
Total credits required for graduation:		66	Total transfer credits accepted:		66

**ADDITIONAL COURSES TO BE COMPLETED FOR B.S DEGREE:**

CARROLL			
COURSE NUMBER	COURSE TITLE	CREDIT	PROGRAM NOTES
BUS000	Business Elective (see options listed)	4	See Carroll University Catalog for Mechanical Engineering degree requirements
CHE109	Principles of Chemistry 1 (+Lab)	4	
CSC110	Problem Solving Through Programming	4	<a href="https://catalog.carrollu.edu/preview_program.php?catoid=15&amp;pooid=2286&amp;returnto=382">https://catalog.carrollu.edu/preview_program.php?catoid=15&amp;pooid=2286&amp;returnto=382</a>
GEN100	Engineering Seminar I - WAIVED	0	
GEN301	Simulated Engineering Firm	1	Total credits required for graduation are based upon a calculation of transfer credits accepted plus credits required to complete the B.S. degree.
GEN320	Advanced Circuits and Electronics (+Lab)	2	
ISE2100	Engineering Economics	0	BUS Electives for ME Majors (1 course from the approved list):
MAT207	Calculus III	4	
MAT215	Engineering Mathematics I	4	<ul style="list-style-type: none"> <li>• BUS301 Principles of Marketing</li> <li>• BUS302 Principles of Management</li> <li>• BUS305 Principles of Operations Management</li> <li>• BUS328 Professional Selling</li> </ul>
MAT309	Differential Equations	4	
MEE3100	Engineering Materials (+Lab)	3	ISE2100 – satisfied with 809-143 or 809-287 at WCTC.
MEE3250	Fluid Mechanics (+Lab)	3	MEE Technical Electives (1 course from the approved list):
MEE3300	Heat Transfer	3	
MEE3500	Control I	3	<ul style="list-style-type: none"> <li>• MEE3800 Internship</li> <li>• MEE4100 Mechatronics</li> <li>• MEE4200 Numerical Methods</li> <li>• MEE Special Topics Course (TBA)</li> </ul>
MEE3550	Controls II (+Lab)	3	
MEE3750	Machine Design (+Lab)	3	
MEE3900	Mechanical Engineering Design Project I	3	
MEE4300	Applied Thermo-Fluid Systems (+Lab)	3	
MEE4900	Mechanical Engineering Design Project 2	3	
MEE000	Mechanical Engineering Technical Elective	3	
PHY204	General Physics II (+Lab)	4	
PHY320	Thermodynamics	4	
Total credits required:		65	
Total credits required for graduation:		131	



**GRADUATION REQUIREMENTS**

- Students must earn a minimum of 128 credits: with the final 32 credits completed at Carroll.
- Students must earn a minimum 2.0 cumulative GPA, a minimum 2.0 Carroll GPA and a minimum 2.0 major GPA.
- One-fourth of major requirements must be completed at Carroll.

**GENERAL INFORMATION**

- 72 credits may transfer from a two-year institution.
- Students earning the **A.A.S. Mechanical Engineering Technology** degree will transfer with junior standing provided the degree includes appropriate program and grade requirements.
- Student earning the A.A.S degree will be exempt from the Carroll University Pio Core requirements. Degree must be posted to an official transcript.
- Due to changes in course content, transfer equivalencies are subject to change.