



FALL/SPRING 2026 COURSE TRANSFER GUIDE Biomedical Engineering

Waukesha County Technical College (WCTC) Courses that Transfer into MSOE's Biomedical Engineering Program

Contact MSOE Transfer Admissions (transfer@msoe.edu) to confirm course transferability and applicability toward the intended degree program including for courses not listed in this guide, and for new evaluation requests.

TOPIC	WCTC COURSE NUMBERS AND NAMES	MSOE COURSE NUMBERS AND NAMES
Math	804-198 Calculus 1	MTH 1110 Calculus I
	804-156 Calculus 2	MTH 1120 Calculus II
Science	806-187 Calculus Based Physics 1	PHY 1110 Physics I – Mechanics and Thermodynamics
	806-114 General Biology	BIO 1110 Cell Biology and Genetics
	806-177 Gen Anatomy & Physiology	BIO 2510 Human Physiology I
Communications	801-136 English Composition 1 OR	COM 1001 College Writing
	801-195 Written Communication OR	
	801-223 English Composition 2	
	801-197 Technical Reporting	COM 2001 Writing for the STEM Disciplines
	801-198 Speech	COM 3001 Professional Presentations
Electrical and Mechanical	662-102 DC Circuit Analysis AND	ELE 2001 Electric Circuits 1: Theory and Applications
	662-104 AC Circuit Analysis	
	662-104 AC Circuit Analysis AND	
	662-108 Linear Circuit Analysis AND	ELE 2011 Electric Circuits II: Theory and Applications
	662-191 Electronic Circuits II	
	606-121 Technical Statics	MEC 2010 Engineering Mechanics I: Statics

General Education Humanities and Social Sciences

MSOE requires courses that fulfill Common Learning Outcome (CLO) categories. Four CLO categories (Exhibit Curiosity, Embrace Diversity, Demonstrate Ethical Understanding and Choice of CLO) can be satisfied with WCTC courses. Consult an MSOE Transfer Admissions Counselor for additional options.

To fulfill the Choice CLO, choose a course from the list below. Each course counts toward only one CLO and the same course cannot fulfill multiple categories. Courses already found in the curriculum cannot also count for a CLO.

CLO	WCTC COURSE NUMBERS AND NAMES	MSOE COURSE NUMBERS AND NAMES
Exhibit Curiosity	801-204 Introduction to Literature	LIT 2010 Literary Genres
	809-143 Microeconomics	BUS 2221 Microeconomics
	809-159 Abnormal Psychology	PSY 3002 Psych Disorders & Mental Health
	809-188 Developmental Psychology	PSY 3003 Developmental Psychology
	809-195 Economics OR 809-287 Principles of Macroeconomics OR 809-144 Macroeconomics	BUS 2222 Macroeconomics
	809-196 Intro to Sociology	SOC 1001 Foundations of Sociology
	809-197 Contemporary American Society	SSC 0106 Exhibit Curiosity
	809-198 Intro to Psychology	PSY 1001 Foundations of Psychology
	809-227 American Government	PSC 2011 American Government
	Embrace Diversity	809-159 Abnormal Psychology
809-172 Intro to Diversity Studies		SSC 0104 Embrace Diversity
801-247 Contemporary World Literature		LIT 3001 Topics Global Literature
809-196 Intro to Sociology		SOC 1001 Foundations of Sociology
Ethical Understanding	809-166 Intro to Ethics	HUM 0103 Demonstrate Ethical Understanding

PLEASE NOTE

There is currently no articulation agreement with WCTC for the B.S. in Biomedical Engineering program at MSOE. This guide is not an academic track and does not imply a reduced number of semesters to complete the program.

Any WCTC course listed with "OR" meets the corresponding MSOE requirement individually, while all courses listed with "AND" must be completed to meet the corresponding MSOE requirement.

