



FALL/SPRING 2025 COURSE TRANSFER GUIDE COMPUTER SCIENCE

Milwaukee Area Technical College (MATC) Courses that Transfer into MSOE's Computer Science 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	MATC COURSE NUMBERS AND NAMES	MSOE COURSE NUMBERS AND NAMES
Math	MATH 231 Analytic Geometry and Calculus 1 MATH 232 Analytic Geometry and Calculus 2 MATH 233 Analytic Geometry and Calculus 3	MTH 1110 Calculus I MTH 1120 Calculus II MTH 2130 Calculus III
Science	PHYS 274 Calculus-Based Physics 1 Choose one Lab Science: Suggested Options: BIOSCI 236 Principles of Biology BIOSCI 257 Biology I CHEM 207 General Chemistry CHEM 211 Chemistry 1 PHYS 275 Calculus-Based Physics 2	PHY 1110 Physics I Elective Lab Science (only 1 required) BIO 1110 Cell Biology and Genetics BIO 1110 Cell Biology and Genetics CHM 1010 Chemistry I CHM 1010 Chemistry I PHY 1120 Physics II
Computer Science	ITDEV 115 Intermediate Object-Oriented Programming AND ITDEV 140 Programming with JAVA	CSC 1010 Introductory Java Development
Communications	ENG 201 English 1 OR ENG 202 English 2 OR ENG 195 Written Communication ENG 197 Technical Reporting OR ENG 208 Technical Communications SPEECH 201 Elements of Speech 1	COM 1001 College Writing COM 2001 Writing for the STEM Disciplines COM 3001 Professional Presentations

General Education Humanities and Social Sciences MSOE requires courses that fulfill Common Learning Outcome (CLO) categories. Three CLO categories (Exhibit Curiosity, Embrace Diversity, and Choice of CLO) can be satisfied with MATC courses. Consult an MSOE Transfer Admissions Counselor for additional options.

CLO	MATC COURSE NUMBERS AND NAMES	MSOE COURSE NUMBERS AND NAMES
Exhibit Curiosity	SOCSCI 206 Introduction to Cultural Anthropology HIST 218 Native American History SPEECH 212 Introduction to Theater ENG 207 Creative Writing ENG 240 Introduction to Modern Cinema ECON 195 Economics OR ECON 202 Principles of Macroeconomics HIST 211 America Through 1877 HIST 212 America Since 1877 MUSIC 205 Music Appreciation HIST 203 Western Civilization From Ancient Times HIST 204 Western Civilization From 1776 HIST 228 World History to 1500 SOCSCI 197 Contemporary American Society SOCSCI 250 Introduction to Philosophy SOCSCI 221 American National Government PSYCH 198 Introduction to Psychology OR PSYCH 231 Introductory Psychology SOCSCI 204 Marriage and the Family	ANT 1001 Cultural Anthropology ANT 2020 Native American Culture FNA 2002 Drama and the Theater FNA 3001 Creative Writing FNA 4010 Film and Media Studies BUS 2222 Macroeconomics HST 1013 United States History I HST 1014 United States History II HST 2053 Music History HUM 0106 Exhibit Curiosity HUM 0106 Exhibit Curiosity HUM 0106 Exhibit Curiosity HUM 0106 Exhibit Curiosity PHL 3201 Introduction to Philosophy PSC 2011 American Government PSY 1001 Foundations of Psychology PSY 2005 The Family

	SOCSCI 210 Death and Dying PSYCH 232 Abnormal Psychology OR PSYCH 159 Abnormal Psychology	PSY 2006 Death, Dying, and Grief PSY 3002 Psychological Disorders and Mental Health
	PSYCH 188 Developmental Psychology OR PSYCH 238 Lifespan Psychology	PSY 3003 Developmental Psychology
	SOCSCI 246 Human Sexuality PSYCH 199 Psychology of Human Relations SOCSCI 203 Introduction to Sociology SOCSCI 205 Social Problems FLANG 202 Spanish 1 FLANG 205 Spanish 2	SSC 0106 Exhibit Curiosity PSY 3004 Social Psychology SOC 1001 Foundations of Sociology SSC 0106 Exhibit Curiosity SPN 1001 Elementary Spanish SPN 2001 Intermediate Spanish
Embrace Diversity	ART 201 Understanding Art SOCSCI 206 Introduction to Cultural Anthropology HIST 218 Native American History HIST 219 Wisconsin Indians Past/Present/Future HIST 231 Latin American History HIST 215 African American History SOCSCI 204 Marriage and the Family PSYCH 232 Abnormal Psychology OR PSYCH 159 Abnormal Psychology	HUM 0104 Embrace Diversity ANT 1001 Cultural Anthropology ANT 2020 Native American Culture HUM 0104 Embrace Diversity HUM 0104 Embrace Diversity HUM 0104 Embrace Diversity PSY 2005 The Family PSY 3002 Psychological Disorders and Mental Health
	SOCSCI 203 Introduction to Sociology SOCSCI 172 Introduction to Diversity FLANG 202 Spanish 1 FLANG 205 Spanish 2 FLANG 213 Spanish 3	SOC 1001 Foundations of Sociology SSC 0104 Embrace Diversity SPN 1001 Elementary Spanish SPN 2001 Intermediate Spanish SPN 3001 Advanced Spanish
CLO Choice	Course of your choice from the list above. Each course counts toward only one CLO and the same course cannot fulfill multiple CLO categories. Courses already found in the curriculum cannot also count for a CLO.	
PLEASE NOTE	<p><i>There is currently no articulation agreement with MATC for the B.S. in Computer Science program at MSOE. This guide is not an academic track and does not imply a reduced number of semesters to complete the program.</i></p> <p><i>Any MATC 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.</i></p>	