

COURSE TRANSFERS – MATC/MSOE Mechanical Engineering Technology

This list of course transfers is valid *only* for students enrolling in the Mechanical Engineering Technology program at MSOE for the 2010-2012 academic years, based on current course descriptions from Milwaukee Area Technical College. A grade of “C” or better is required for transfer courses. Individual transfer evaluations are conducted upon acceptance of student to MSOE. All transfer credit is granted conditionally, and students failing a subsequent course may be required to repeat prerequisite courses. See the current MSOE Undergraduate Catalog for complete transfer policies.

Required Courses for AAS Mechanical Design Technician:

MATC Courses		MSOE Courses	
MCDESG-102	Technical Drafting 1 AND	EG-124	CAD Graphics I AND
MCDESG-104	Technical Drafting 2 AND	EG-125	CAD Graphics II AND
MCDESG-106	Technical Drafting 3	MT-267	Dimensioning and Tolerancing
MATH-115*	Tech. Math I AND	MA-126	Trigonometry AND
MATH-116	Tech. Math II	MA-127	Algebra II
MCDESG-162	Manufacturing Processes	MT 1201	Materials and Processes
MCDESG-160	Statics	MT-200	Statics
ENG-201	ENG 1 (recommended) or	EN-131	Composition
ENG-151	Communication Skills 1		
NATSCI-137	Technical Physics I	PH-113	College Physics I
MCDESG-118	Basic Mechanisms	MT-2611	Mechanisms
MCDESG-130	Strength of Materials	MT-205	Strength of Materials
MCDESG-116	Design of Machine Elements	MT-2601	Mechanical Components
PSYCH-199	Psychology of Human Relations	SS-460	Foundations of Psych. (SSelec)
MCDESG-125	Design Problems	-----	Free Elective
MCDESG-112	Basic Tool Design	MT-466	Technical Elective (Tool Design)
MCDESG-114	SolidWorks Basic AND	MT-3611	Solid Modeling
MCDESG-131	SolidWorks Assemblies (elective)		

*MATH 115 may be replaced by MATH-113 and MATH-114

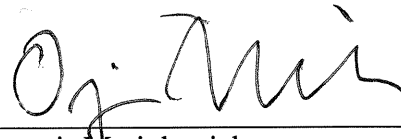
Recommended Electives

SPEECH-201	Speech	EN241	Speech
SOSCI-203	Introduction to Sociology	SS-471	Sociology
ECON-195	Economics		Business Elective

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