



Associate of Science Engineering Elective Course Transfer Guide (MU College of Engineering)

MACC COURSE	MU EQUIVALENT	Bioengineering	Chemical Engineering	Civil & Environmental Engineering	Electrical/Computer Engineering	Industrial & Manufacturing Systems Engineering	Mechanical & Aerospace Engineering
AMD 101 Engineering Drawing	ENGR 1100 GRAPHICS FUNDMNTL	REQUIRED <i>select one</i>	technical elective* <i>(select only one)</i>	REQUIRED <i>select one</i> <i>(AMD112 is preferred)</i>	free elective* <i>select one</i>	REQUIRED <i>select one</i>	REQUIRED <i>select one</i>
AMD 112 Computer Aided Design	ENGR 1100 GRAPHICS FUNDMNTL						
CIT 105 Programming I	INFOTC 1040A INTRO PROB SOLVE & PROGR		technical elective*	REQUIRED			
CIT 205 Programming II	INFOTC 1040B INTRO PROB SOLVE & PROGR		technical elective*				
EGN 201 Statics	ENGR 1200 STATICS	REQUIRED	technical elective*	REQUIRED	technical elective*	REQUIRED	REQUIRED
IND 105 Fluid Power Principles	MISC_ELEC MISCELLANEOUS ELECTIVE						
MTH 250 Differential Equations	MTH 4100 DIFFERENTIAL EQUATIONS	REQUIRED	REQUIRED	REQUIRED	REQUIRED	REQUIRED	REQUIRED
PHY 122 General Chemistry II	CHEM 1330 COLLEGE CHEMISTRY 2		REQUIRED				
PHY 163 Geology	GEOL 1100 PRINCP OF GEOL W/ LAB			ACCEPTED <i>(prefer GEOL 1150)</i>			

*maximum of 9 hours
of technical electives allowed

*maximum of 3 hours
of advisor approved electives

*maximum of 3 hours
of free electives for EE and 2
hours of free electives for CE