

Prerequisite Flowchart for AS in Mechanical Engineering Technology - June 2009

Purdue University North Central												
Department of Engineering Technology												
Plan of Study												
Associate of Science Degree - Engineering Technology: Mechanical Engineering Technology												
(Pre- and co-requisites are shown in parenthesis)												
Course Categories	Semester 1		Semester 2		Summer Session	Semester 3		Semester 4		Credit Hours	Percentage	
Communication/ English/Humanities/ Social Science	ENGL 10100	Cr 3	COM 11400	Cr 3						9	13.24%	
	H/SS Elective	Cr 3										
Math and Physics	MA 15300	Cr 3	MA 15400 (MA 15300)	Cr 3		MA 22300 (MA 15400)	Cr 3					
						PHYS 22000 (MA 15300, MA 15400)	Cr 4	PHYS 22100 (MA 15300, MA 15400)	Cr 4	17	25.00%	
Introduction to Engineering	MET 16200	Cr 1								1	1.47%	
Computer Aided Design/Drafting	CGT 11000 (MA 15300)	Cr 3	CGT 29000 (MA 15300)	Cr 3				MET 10200 (CGT 11000, MET 16200)	Cr 3	9	13.24%	
Thermal/Fluid Systems						MET 23000 (MET 21100, PHYS 22000, MA 22300)	Cr 3	MET 22000 (MET 16200, PHYS 22000, MA 22300)	Cr 3	6	8.82%	
Mechanics			MET 11100 (MA 15300, MA 15400, MET 16200)	Cr 3		MET 21300 (MET 21100, MA 22300)	Cr 3			7	10.29%	
						MET 21100 (MET 11100, MA 22300)	Cr 4			3	4.41%	
Machine/Mechanical Design								MET 21400 (MET 11100, MET 21300)	Cr 3	3	4.41%	
Manufacturing/ Materials	MET 14100 (MA 15300)	Cr 3	MET 14200 (MET 14100)	Cr 3		MET 24200 (MET 14100, MA 15400, MET 16200)	Cr 3			9	13.24%	
Electrical /Electronics								ECET 21300 (MET 11100, MA 22300)	Cr 4	4	5.88%	
<b>Credit Hours</b>		16		15		0		20		17	Total: 68	100%