School of Engineering Technology Information Mechanical Engineering Technology Major 2011

Your department has developed this roadmap/educational plan, taking into account prerequisites and schedule restrictions. THIS IS ONLY AN EXAMPLE AND IS NOT INTENDED TO REPLACE THE INDIVIDUALIZED PLAN CREATED IN CONSULTATION WITH YOUR ADVISOR. Regular consultations with your Advisor are highly recommended.

	Fall		Credits	Winter		Credits	Spring		Credits	Comments
	ET 100 and ET 101 Intro to Engineering Technology & Intro. to E.T. Computing		3	MATH 120 or 140	VR □E VGE	4		R E GE		
	MATH 105 and 107 Algebra & Trigonometry		5	PDD 122 Engineering Graphics	⊠ R □ E □ GE	4		□ R □ E □ GE		
Year 1	CHEM 121/122 General Chemistry*	▽ R □ E ▽ GE	4	PDD 111 Materials		3		□ R □ E □ GE		
Ye	ENG 121 English Composition	□ R □ E ☑ GE	3	CTAC 124 Fundamentals of Speech	□ R □ E ☑ GE	3		□ R □ E □ GE		
	PDD 101 Drafting (waived if taken in H.S.)	□ R □ E □ GE	3		□ R □ E □ GE			□ R □ E □ GE		
	Total Credits	s	15/18	Total Credits		14	Total Credits	Ü	0	
	Total Credits for Year								29/32	

	Fall		Credits	Winter		Credits	Spring		Credits	Comments
	ELEC 200 Circuit Analysis	⊠ R □ E □ GE	3	PHY 222 or 224 Electricity and Light	F R □ E □ GE	4 or 5		R E GE		
	PHY 221 or 223 Mechanics and Sound*	⊽R □E ▼GE	4 or 5	ELEC 218 Motors and Controls	F R □ E □ GE	3		□ R □ E □ GE		
ear 2	PDD 123 Manufacturing Processes	V R □ E □ GE	4	MATH 121 or 141 Calculus II	⊽R □E □GE	4 or 3		R E GE		
Ye	Gen. Ed Social Science	□ R □ E □ GE	3	Gen Ed Arts	□ R □ E ☑ GE	3		R E GE		
		□ R □ E □ GE			□ R □ E □ GE			R E GE		
	Total Credits		14 /15	Total Credits		16/18	Total Credits			
	Total Credits for Year								30/33	

	Fall		Credits	Winter		Credits	Spring		Credits	Comments
	MET 211 Statics	✓ R ☐ E ☐ GE	3	MET 312 Dynamics	⊠ R □ E □ GE	3		□ R □ E □ GE		
	MET 314 Applied Thermo/Heat Transfer	V R □ E □ GE	3	MET 313 Applied Mech. of Materials	⊽R □E □GE	3		□ R □ E □ GE		
ear 3	MET 316 Design for Manuf. & Tooling	PR □ E □ GE	3	MET 319 Fluids	▼ R □ E □ GE	3		□ R □ E □ GE		
У	MET 387 Cooperative Education (any semester)	✓ R ☐ E ☐ GE	3	Gen Ed U.S. Diversity	□ R □ E □ GE	3		□ R □ E □ GE		
	Gen Ed Global Awareness	□ R □ E □ GE	3	SET 350 Engineering Writing	▼ R □ E □ GE	3		□ R □ E □ GE		
	Total Credits	3	15	Total Credits		15	Total Credits		0	
	Total Credits for Year								30	

	Fall		Credits	Winter		Credits	Spring		Credits	Comments
	MET 437 Kinematics of Machines		3	MET 411 Mechanical/Machine Design	F R □ E □ GE	3		□ R □ E □ GE		
	MET 470 Mechanical Vibrations		2	PDD 435 Finite Element Analysis	R E GE	3		□ R □ E □ GE		
Year 4	MET 492 Senior Design I		3	MET 493 Sr. Design Project I	▼ R □ E □ GE	3		□ R □ E □ GE		
Ye	Gen Ed Social Sciences	□ R □ E ☑ GE	3	Gen Ed Humanities	□ R □ E ☑ GE	3		□ R □ E □ GE		
	Gen Ed Arts	□ R □ E ☑ GE	3		□ R □ E □ GE	3		□ R □ E □ GE		
	Total Credits		14	Total Credits		12	Total Credits			
	Total Credits for Yea								28	

Total Credits on Plan	115 - 121
Major Requirement	82 - 85
Major Restricted Electives	
General Education	38