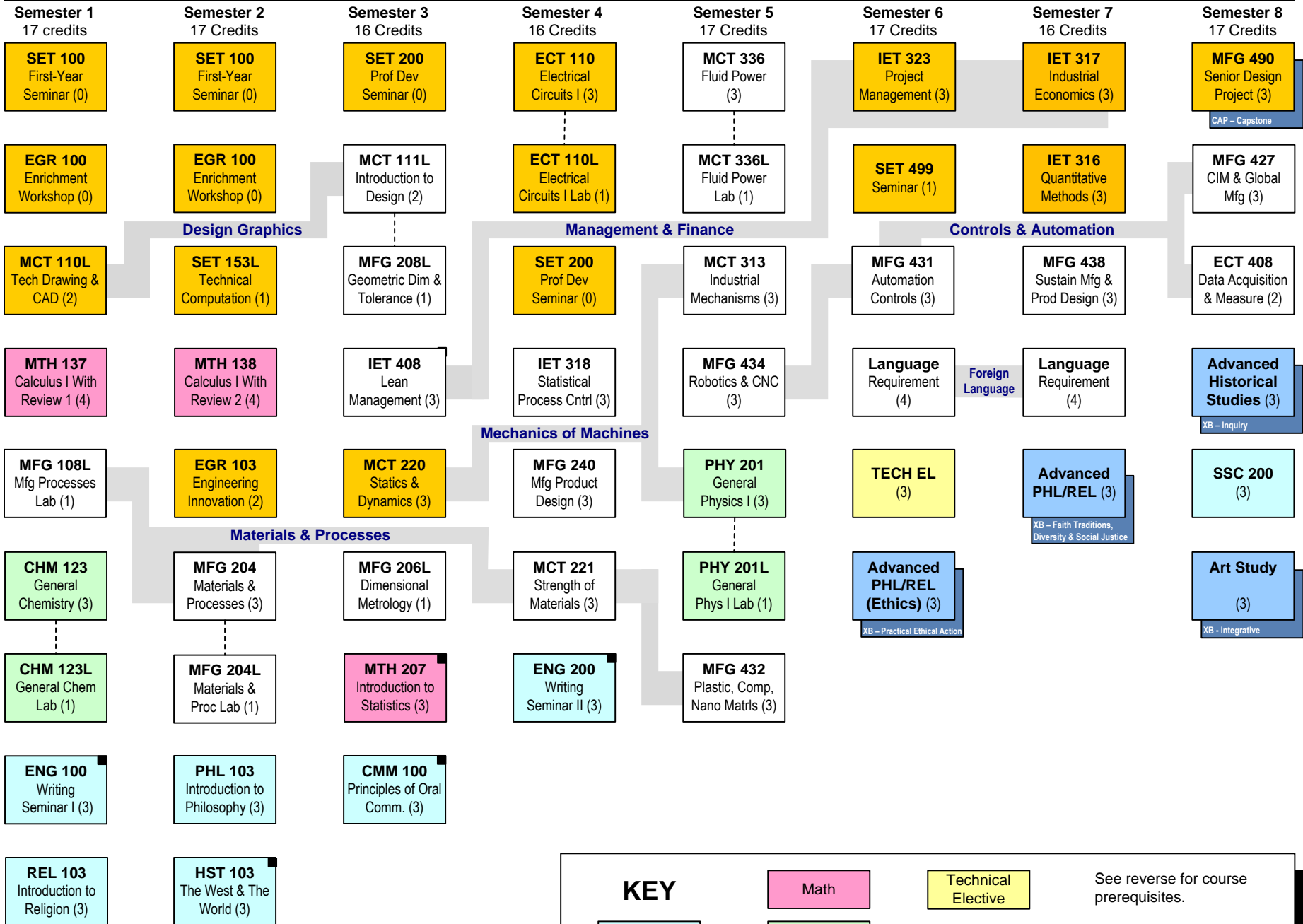


# Bachelor of Science in Engineering Technology

## Major in Global Manufacturing Systems Engineering Technology



**KEY**

CAP Common	Math	Technical Elective	See reverse for course prerequisites.  Consult academic advisor for selection of approved common academic program (CAP) and technical elective courses.
CAP Electives	Science	ET Core	
		<p>■ “C-” or better required.</p> <p>▬ Technical Focus</p>	

# Course Prerequisites & Corequisites

Electronic & Computer Engineering Technology		
Course	Prereq(s)	Coreq(s)
ECT 110		ECT 110L
ECT 110L		ECT 110
ECT 120	ECT 110	
ECT 206	ECT 120	ECT 206L
ECT 206L		ECT 206
ECT 224	ECT 110	ECT 224L
ECT 224L		ECT 224
ECT 306	ECT 206	ECT 306L
ECT 306L		ECT 306
ECT 357	ECT 224	
ECT 358	ECT 361	ECT 358L
ECT 358L		ECT 358
ECT 361	SET 153L	
ECT 362	ECT 361	
ECT 400	Permission of department chairperson	
ECT 408	ECT 110L; (ECT 206 or MCT 221); SET 153L	
ECT 452	ECT 306, 408	
ECT 456	ECT 110 or EGR 203	
ECT 461	ECT 110	
ECT 465	Junior or senior status or permission of department chairperson	
ECT 466	ECT 358	
ECT 490	CMM 100 or 110 and (CMM 111 or 112); ECT 306, 358, 408; IET 323; MTH 138 or 168; senior status	

Global Manufacturing Systems Engineering Technology		
Course	Prereq(s)	Coreq(s)
MFG 108L		
MFG 204		MFG 204L
MFG 204L		MFG 204
MFG 206L	MCT 110L	
MFG 208L	MCT 110L	
MFG 240	MCT 110L; MFG 108L, 204	
MFG 400	Permission of department chairperson	
MFG 424	MCT 220, 313	
MFG 427	MFG 108L; MFG 204; SET 153L; ECT 110	
MFG 431	ECT 110; SET 153L	
MFG 432	CHM 123; MFG 204	
MFG 434	MCT 110L; MFG 108L; SET 153L	
MFG 435	MFG 434	
MFG 438	MFG 108L, 204; or permission of the instructor	
MFG 490	CMM 100 or 110 and (CMM 111 or 112); IET 323; MFG 108L, 240, 431; MTH 138 or 168; senior status	

Industrial Engineering Technology		
Course	Prereq(s)	Coreq(s)
IET 230		
IET 316	MTH 138 or 168; MTH 207	
IET 317	MTH 137	
IET 318	MTH 207	
IET 319	IET 318	
IET 320	IET 318; MTH 207	
IET 321	IET 318; MTH 207	
IET 323		
IET 332	MCT 110L	MCT 111L
IET 346		
IET 400	Junior or senior status; permission of department chairperson	
IET 408	Junior or senior status	
IET 415		
IET 418	MTH 137	
IET 420		
IET 423	Junior or senior status	
IET 425	MTH 137	
IET 435	Junior or senior status or permission of department chairperson	
IET 446	Junior or senior status or permission of department chairperson	
IET 490	CMM 100 or 110 and (CMM 111 or 112); IET 408, 317, 323, 332, MTH 138 or 168; senior status	

Mechanical Engineering Technology		
Course	Prereq(s)	Coreq(s)
MCT 110L		
MCT 111L	MCT 110L or MEE 104L and 227L	
MCT 220		MTH 137
MCT 221	MCT 220; MFG 204, 204L; MTH 137	
MCT 231	MTH 137	
MCT 313	MCT 110L, 220; MTH 137	
MCT 317	MCT 111L, 313; MTH 138 or 168, SET 153L	
MCT 330	MCT 111L, 221; MFG 208L	
MCT 336		MCT 336L
MCT 336L		MCT 336
MCT 342	MCT 231; MTH 138 or 168; SET 153L	
MCT 400	Permission of department chairperson	
MCT 423	MCT 330	
MCT 430	MCT 336	
MCT 432	MCT 342	
MCT 438	MCT 231; SET 153L	
MCT 440	MCT 317; SET 153L	
MCT 445	MCT 221	MCT 445L
MCT 445L		MCT 445L
MCT 456	MCT 220 or EGR-201	
MCT 490	CMM 100 or 110 and (CMM 111 or 112); IET 323; MCT 317, 330; MTH 138 or 168; senior status	

Engineering Technology		
Course	Prereq(s)	Coreq(s)
SET 100		
SET 153L		
SET 198	Permission of department chairperson	
SET 200		
SET 298	Permission of department chairperson	
SET 300		
SET 398	Permission of department chairperson	
SET 400	Permission of department chairperson	
SET 498	Permission of department chairperson	
SET 499		
Mathematics		
Course	Prereq(s)	Coreq(s)
MTH 137		
MTH 138	MTH 137	
MTH 207		
Science		
Course	Prereq(s)	Coreq(s)
CHM 123		
CHM 123L		CHM 123
PHY 201		
PHY 201L		PHY 201 or 206
PHY 202	PHY 201	
PHY 202L	PHY 201L	
English		
Course	Prereq(s)	Coreq(s)
ENG 100		
ENG 200	ENG 100; sophomore status	