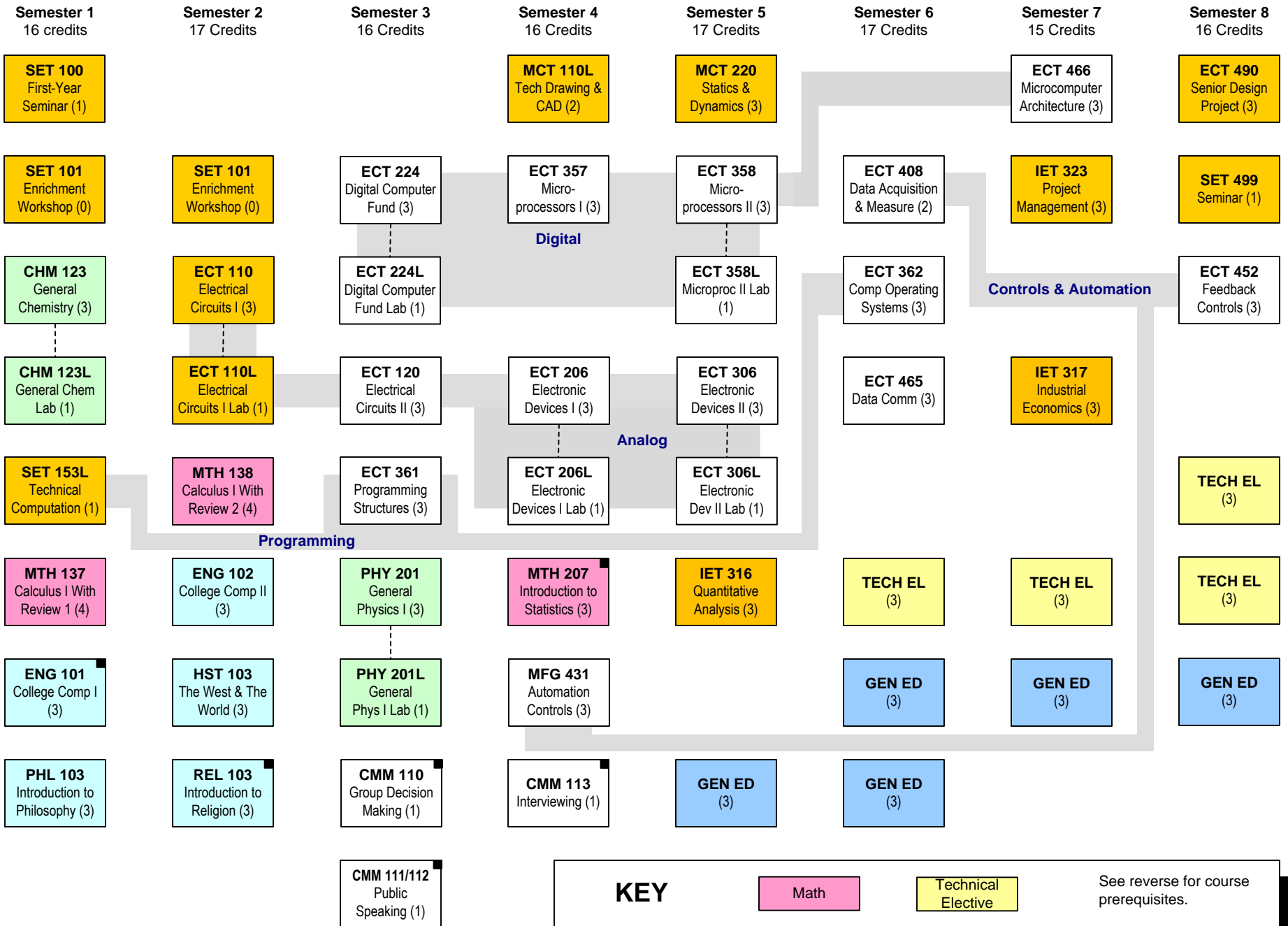


# Bachelor of Science With a Major in Electronic & Computer Engineering Technology



**KEY**

- Humanities Base
- General Education
- Math
- Science
- ET Core
- Technical Elective
- “C-“ or better required.
- Technical Focus

See reverse for course prerequisites.  
Consult academic advisor for selection of approved general education and technical elective courses.

# 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 328	ECT 306	
ECT 328L		
ECT 357	ECT 224	ECT 357L
ECT 358	ECT 357, 361	ECT 358L
ECT 358L	ECT 357	ECT 358
ECT 361	SET 153L	
ECT 362	ECT 357, 361	
ECT 400	Permission of department chairperson	
ECT 408	ECT 110L; (ECT 361 or MCT 221); ENG 102	
ECT 451	ECT 408	
ECT 452	ECT 306, 408	
ECT 459	ECT 357, 358	
ECT 460	ECT 357	
ECT 461	ECT 110	
ECT 465	ECT 358	
ECT 466	ECT 357	
ECT 490	CMM 110, (CMM 111 or 112); ECT 408; IET 323; MTH 138; senior status	

Global Manufacturing Systems Engineering Technology		
Course	Prereq(s)	Coreq(s)
MFG 108L		
MFG 204	SET 153L	MFG 204L
MFG 204L	SET 153L	MFG 204
MFG 206L	MCT 110L; MTH 137	
MFG 208L	MCT 110L	
MFG 240	MCT 110L; MFG 108L, 204	
MFG 400	Permission of department chairperson	
MFG 424	MCT 220, 313; SET 153L	
MFG 426	ECT 110; SET 153L	
MFG 427	MFG 108L; MFG 204; SET 153L; ECT 110	
MFG 431	ECT 120; SET 153L	
MFG 432	CHM 123; MFG 204	
MFG 434	MCT 110L; MFG 108L; MTH 138; SET 153L	
MFG 435	MFG 434	
MFG 438	MFG 108L; MFG-204, 204L; or permission of the instructor	
MFG 490	CMM 110, (CMM 111 or 112); IET 323; MFG 108L, 240, 431; MTH 138; senior status	

Industrial Engineering Technology		
Course	Prereq(s)	Coreq(s)
IET 230	MTH 137	SET 153L
IET 316	MTH 138 or 168; MTH 207; SET 153L	
IET 317	MTH 137; SET 153L	
IET 318	MTH 207; SET 153L	
IET 319	IET 318; SET 153L	
IET 320	IET 318; MTH 207; SET 153L	
IET 321	IET 318; MTH 207; SET 153L	
IET 323	SET 153L	
IET 332	MCT 110L	MCT 111L
IET 400	Junior or senior status; permission of department chairperson	
IET 408	Junior or senior status	
IET 415		
IET 418	MTH 137; SET 153L	
IET 420		
IET 423	Junior or senior status	
IET 425	MTH 137; SET 153L	
IET 435	Junior or senior status or permission of department chairperson	
IET 490	CMM 110, (CMM 111 or 112); IET 408, 317, 323, 332; MTH 138; senior status	

Mechanical Engineering Technology		
Course	Prereq(s)	Coreq(s)
MCT 110L		
MCT 111L	MCT 110L	
MCT 220	SET 153L	MTH 137
MCT 221	MCT 220; MFG 204, 204L; MTH 137; SET 153L	
MCT 231	MTH 137; SET 153L	
MCT 313	MCT 110L, 220; MTH 137; SET 153L	
MCT 317	MCT 313; MTH 138	
MCT 330	MCT 110L, 221; SET 153L	
MCT 336	MCT 221	MCT 336L
MCT 336L		MCT 336
MCT 342	MCT 231; MTH 138; SET 153L	
MCT 400	Permission of department chairperson	
MCT 423	MCT 330	
MCT 430	MCT 336	
MCT 432	MCT 342; SET 153L	
MCT 438	MCT 231; SET 153L	
MCT 440	MCT 317; SET 153L	
MCT 445	MCT 221	
MCT 445L		
MCT 446	MCT 221; SET 153L	
MCT 490	CMM 110, (CMM 111 or 112); IET 323; MCT 317, 330; MTH 138; senior status	

Engineering Technology		
Course	Prereq(s)	Coreq(s)
SET 100		
SET 101		
SET 153L		
SET 198	Permission of department chairperson	
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 250	MTH 138 or 168	
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 101		
ENG 102	ENG 101	