KENT STATE UNIVERSITY

Roadmap: Electrical/Electronic Engineering Technology - Computer - Associate of Applied Science
[RE-AAS-EEET-CMPR]
Regional College
Catalog Year: 2010-2011

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Min. Grade	Important Notes
Semester One: [17 Credit Hours]			
EERT 12000 Electric Circuits I	**4**		
MERT 12000 Engineering Drawing	**3**		
EERT 22003 Technical Computing	3		
ENG 11011 College Writing I	3		
MATH 11010 Algebra for Calculus	3		
US 10097 Destination Kent State: FYE	1		Not required of transfer students with 25 credits
Semester Two: [18 Credit Hours]			
EERT 12001 Electric Circuits II	**3**		
EERT 12010 Introduction to Electronics	**4**		
ENG 20002 Introduction to Technical Writing *or* ITAP 26638 Business Communications	3		
MATH 11012 Intuitive Calculus	3		
MATH 11022 Trigonometry	2		
General Studies Elective	3		Select course from Kent Core Social Sciences or Humanities; students on the Tuscarawas Campus must take EERT 21010 Engineering and Professional Ethics
Semester Three: [18 Credit Hours]			
COMT 21008 Computer Methods in Science and Engineering	**3**		
EERT 22011 Electronic Systems	**2**		
EERT 22014 Microprocessors and Robotics	**4**		
EERT 22002 Industrial Controls *or* **EERT 22005 Instrumentation** *or* **EERT 22018 PC/Network Engineering and Troubleshooting** *or* **TECH 33016 PC/Network Engineering and Troubleshooting**	**3**		
COMM 15000 Introduction to Human Communication	3		
PHY 12201 Technical Physics I	3		
Semester Four: [17 Credit Hours]			
EERT 22015 Robotics and Advanced Microsystems	**3**		
EERT 22004 Digital Systems	**4**		
IERT 22010 Computer Integrated Manufacturing	**3**		
MERT 22009 Robotics and Flexible Automation	**3**		
PHY 12202 Technical Physics II	4		

Graduation Requirements Summary

Total Hours	Minimum	
	Major GPA	Overall GPA
70	2.0	2.0