

**Critical requirements are boldface in shaded areas**

Course Subject and Title	Credit Hours	Min. Grade	Important Notes
<b>Semester One: [13 Credit Hours]</b>			
<b>IERT 22010 Computer Integrated Manufacturing</b>	<b>3</b>		
<b>MERT 12000 Engineering Drawing</b>	<b>3</b>		
EERT 22003 Technical Computing	3		
ENG 11011 College Writing I	3		
US 10097 Destination Kent State: FYE	1		Not required of transfer students with 25 credits
<b>Semester Two: [17 Credit Hours]</b>			
<b>IERT 22006 Economic Decision Analysis</b>	<b>3</b>		
<b>MERT 12001 Computer Aided Drafting</b>	<b>3</b>		
<b>MERT 12004 Manufacturing Processes</b>	<b>3</b>		
COMM 15000 Introduction to Human Communication	3		
MATH 11012 Intuitive Calculus	3		
MATH 11022 Trigonometry	2		
<b>Semester Three: [18 Credit Hours]</b>			
<b>EERT 22014 Microprocessors and Robotics</b>	<b>4</b>		
<b>IERT 22000 Statistical Process Controls</b>	<b>4</b>		
ENG 20002 Introduction to Technical Writing	3		
PHY 12201 Technical Physics I	3		
LER Social Sciences or Humanities	4		Visit <a href="http://www.kent.edu/catalog">www.kent.edu/catalog</a> and search "LER" for course lists
<b>Semester Four: [17 Credit Hours]</b>			
<b>MERT 22009 Robotics and Flexible Automation</b>	<b>3</b>		
PHY 12202 Technical Physics II	4		
Technical Electives	10		See note below

**Graduation Requirements Summary**

Minimum Total Hours	Minimum	
	Major GPA	Overall GPA
65	2.0	2.0

**Note 1: Technical electives (10 credit hours), choose from the following:**

COMT 21008 Computer Methods in Science and Engineering	3	IERT 22003 Supervision and Labor Relations	5
		IERT 22004 Facilities Engineering	2
EERT 22004 Digital Systems	3	IERT 22005 Production and Inventory Control	2
IERT 12005 Applications in CAD	2	IERT 22008 Taguchi Process Improvement	3
IERT 22001 Motion and Time Study	3		