

**5-Year UNDERGRADUATE CURRICULUM PLAN**  
**Effective 2004/2005 Catalog Year**  
**Technology & Engineering Education (ET-BS15)**

COURSE	UNITS	COURSE	UNITS
<b>1st Year</b>			
UNIV 100 University & Your Future	1	CECS 174 Prog & Problem Solving I	3
CECS 110 Introduction to the Internet	3	MAE 172 Engineering Design Graphics	3
MAE 101 Intro to Aerospace Engr	1	General Education ( <b>Cat. A2</b> )	3
MATH 122 Calculus I ( <b>GE 4 units B2</b> )	4	General Education ( <b>Cat. A3</b> )	3
General Education ( <b>GE A1</b> )	3		
	12		12
<b>2<sup>nd</sup> Year</b>			
CECS 274 Prog & Prob Solving II	3	CECS 101 The Digital Information Age	3
CECS 200 Introduction to Web Design	3	CECS 261 Computing with Java	3
PHYS 100A General Physics ( <b>GE - B1b</b> )	4	ENGR 304 Engr Prob Solv & Design	3
MAE 272 Intro to Manufacturing Processes	2	PHYS 100A General Physics	4
		General Education	3
	15		16
<b>3<sup>rd</sup> Year</b>			
ENGR310 Bus Comm in Engrg Prof	3	CECS 310E Com Based Lrng Resrcs	3
ENGR 340 Guitar Electronics ( <b>GE B3</b> )	3	ENGR 370I Ast and Space ( <b>GE B3</b> )	3
ENGR 391 Engrng and Civilization	3		
General Education	3	General Education	3
	15		15
<b>4<sup>th</sup> Year</b>			
CECS 401E Prog Robots – for Teachers & Parents	3	ET 307 Industrial Safety	2
ENGR 400 Engineering for Teachers	3	ET 410 Cost Engrg & Analysis	3
ENGR 375I Total Quality ( <b>GE E</b> )	3	MAE 459 Prof Practice Seminar	1
General Education	3	General Education	6
	12		12
<b>5<sup>th</sup> Year</b>			
Electives	6	CECS 410E Comp & Networks	3
General Education	3	Elective	3
GE Cat B1a	3	General Education	6
	12		12

**This five-year curriculum plan is *unofficial*. Requirements may differ depending upon the year you enter the major. Contact an undergraduate advisor about your specific requirements.**