



**Bachelor of Science**

**Major: Electronics Engineering Technology**

**2022-2023 Sample 4-Year Plan**

**Total Degree Requirements: 120 credits**

Student \_\_\_\_\_ Student ID# \_\_\_\_\_ Student Phone # \_\_\_\_\_

Advisor \_\_\_\_\_ Minimum GPA 2.0 Minor/Career Interest(s) \_\_\_\_\_

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the [Undergraduate Catalog](#).

**First Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CM 130	Management Tools & Analysis		3		
ENGL 101	Composition I (SGR #1)	p. ENGL 033, ENGL 039; or placement	3		
GE 101	Introduction to Engineering & Technical Professions		1		
GE 121	Engineering Design Graphics I	coreq. one math course except for 021, 101, 100T	1		
GE 123	Computer Aided Drawing	p. GE 121	1		
MATH 114	College Algebra (SGR #5)	p. placement, MATH 095 or MATH 101	3		
SGR #4	Arts & Humanities/Diversity		3		
<b>Total Credit Hours</b>			15		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CMST 101	Fundamentals of Speech (SGR #2)		3		
ET 210/L	Introduction to Electronic Systems & Lab	p. MATH 114	4		
MATH 121/L	Survey of Calculus & Lab	p. MATH 114, MATH 115, or placement	5		
PHYS 111/L	Introduction to Physics I & Lab (SGR #6)	p. one MATH 114 or higher	4		
<b>Total Credit Hours</b>			16		

**Second Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ENGL 277	Technical Writing in Engineering (SGR #1)	p. ENGL 101 and GE 101, AST 119, PHYS 119, or PS 119, or instructor consent	3		
ET 220/L	Analog Electronics & Lab	p. ET 210	4		
ET 232/L	Digital Electronics & Microprocessors & Lab	p. ET 210	3		
PHYS 113/L	Introduction to Physics II & Lab (SGR #6)	p. PHYS 111	4		
SGR #4	Arts & Humanities/Diversity		3		
<b>Total Credit Hours</b>			17		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ACCT 210	Principles of Accounting I		3		
CSC 150	Computer Science I		3		
ECON 201	Principles of Microeconomics (SGR #3)		3		
ET 240	Techniques of Servicing	p. ET 210	3		
SGR #3	Social Science/Diversity		3		
<b>Total Credit Hours</b>			15		



**Third Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
BADM 360 or GE 385	Organization & Management or Introduction to Systems Engineering & Management		3		
ET 325/L	Advanced Analog Electronics & Lab	p. ET 220	4		
ET 330/L	Microcontrollers & Networks & Lab	p. ET 210 and ET 232	3		
MNET 367/L	Production Strategy & Lab	p. MNET 150 or MNET 231 or ET 232	3		
<b>Total Credit Hours</b>			13		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ET 332/L	Advanced Digital Electronics & Lab	p. ET 232	3		
ET 380/L	Circuit Boards & Design & Lab	p. ET 220	3		
STAT 281	Introduction to Statistics	p. MATH 103 or higher	3		
Technical Elective			3		
Technical Elective			3		
<b>Total Credit Hours</b>			15		

**Fourth Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ET 345/L	Power Systems & Lab	p. ET 220	3		
ET 451/L	Industrial Controls & PLCs & Lab	p. ET 210	3		
OM 462	Quality Management	p. STAT 281 or STAT 381	3		
OM 470	Project Management	p. ENGL 201 or ENGL 277, senior standing, or instructor approval	2		
Technical Elective			3		
<b>Total Credit Hours</b>			14		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ET 426/L	Communication Systems & Lab	p. ET 220	3		
ET 471	Capstone Experience	p. OM 470 or GE 469	2		
ET 490	Seminar		1		
GE 231	Technology, Society, & Ethics		3		
HRM 460 or LDR 435	Human Resource Management or Organizational Leadership & Team Development	p. BADM/MGMT 360 or p. Junior standing	3		
Technical Elective			3		
<b>Total Credit Hours</b>			15		

**Comments/Notes**

Students from all academic majors can pursue graduation with Fishback Honors College distinction. View the [Honors program requirements](#).