



Bachelor of Science

Major: Electronics Engineering Technology

2021-2022 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 031, ENGL 032, 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 | | |
| | C | | | | |
| Total Credit Hours | | | 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 | | |
| Total Credit Hours | | | 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 | | |
| Total Credit Hours | | | 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 | | |
| Total Credit Hours | | | 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 | | |
| Total Credit Hours | | | 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 102 or higher | 3 | | |
| Technical Elective | | | 3 | | |
| Technical Elective | | | 3 | | |
| Total Credit Hours | | | 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 | | |
| Total Credit Hours | | | 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 | | |
| Total Credit Hours | | | 15 | | |

Comments/Notes

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