

Bachelor of Science in Engineering Technology 2026-2027

Automation & Control Systems

 Field-of-study course
 ET core course
 Required, outside the field
 Open elective slot

**Freshman
Spring**

TECH 1811 (3)
Electronic Circuit Technology
ET core, fixed semester

**Sophomore
Fall**

1 elective slot

TECH 2822 (4)
Circuit Analysis
ET core, fixed semester

TECH 2821 (3)
Solid State Technology
Window: So Fa, Jr Fa

**Sophomore
Spring**

2 elective slots

TECH 3044 (4)
Analysis for Engineering
Tech
ET core, fixed semester

TECH 2831 (3)
Advanced Solid State Tech
Needs: MATH 1910 (Fr Sp)
Window: So Sp, Jr Sp

TECH 3232 (3)
Digital Technology
Window: So Sp, Jr Sp

**Junior
Fall**

2 elective slots

TECH 3821 (3)
Industrial Electronics
Window: Jr Fa, Sr Fa

TECH 3440 (3)
Project Plan/Cost Evaluation
ET core, fixed semester

TECH 3822 (3)
Programmable Logic Control
Take with: TECH 3232, TECH 3821 (same term or earlier)
Window: Jr Fa, Sr Fa

**Junior
Spring**

2 elective slots

Choose ONE
(dashed box)

TECH 3841 (3)
Electrical Power/Motor
Control
OR TECH 4823 OR 4236
(take one)
Window: Jr Sp, Sr Sp

TECH 4823 (3)
Adv Programmable Logic
Control
OR TECH 3841 OR 4236
(take one)
Window: Jr Sp, Sr Sp

TECH 4474 (3)
Automation and Robotics
Needs: PHYS 2010 (So Fa)
Window: Jr Sp, Sr Sp

**Senior
Fall**

2 elective slots

TECH 4236 (3)
AutoID Solutions
OR TECH 3841 OR 4823
(take one)
Window: So Fa, Jr Fa, Sr Fa

1 open slot any technical
elective

**Senior
Spring**

2 elective slots

2 open slots any technical
elective