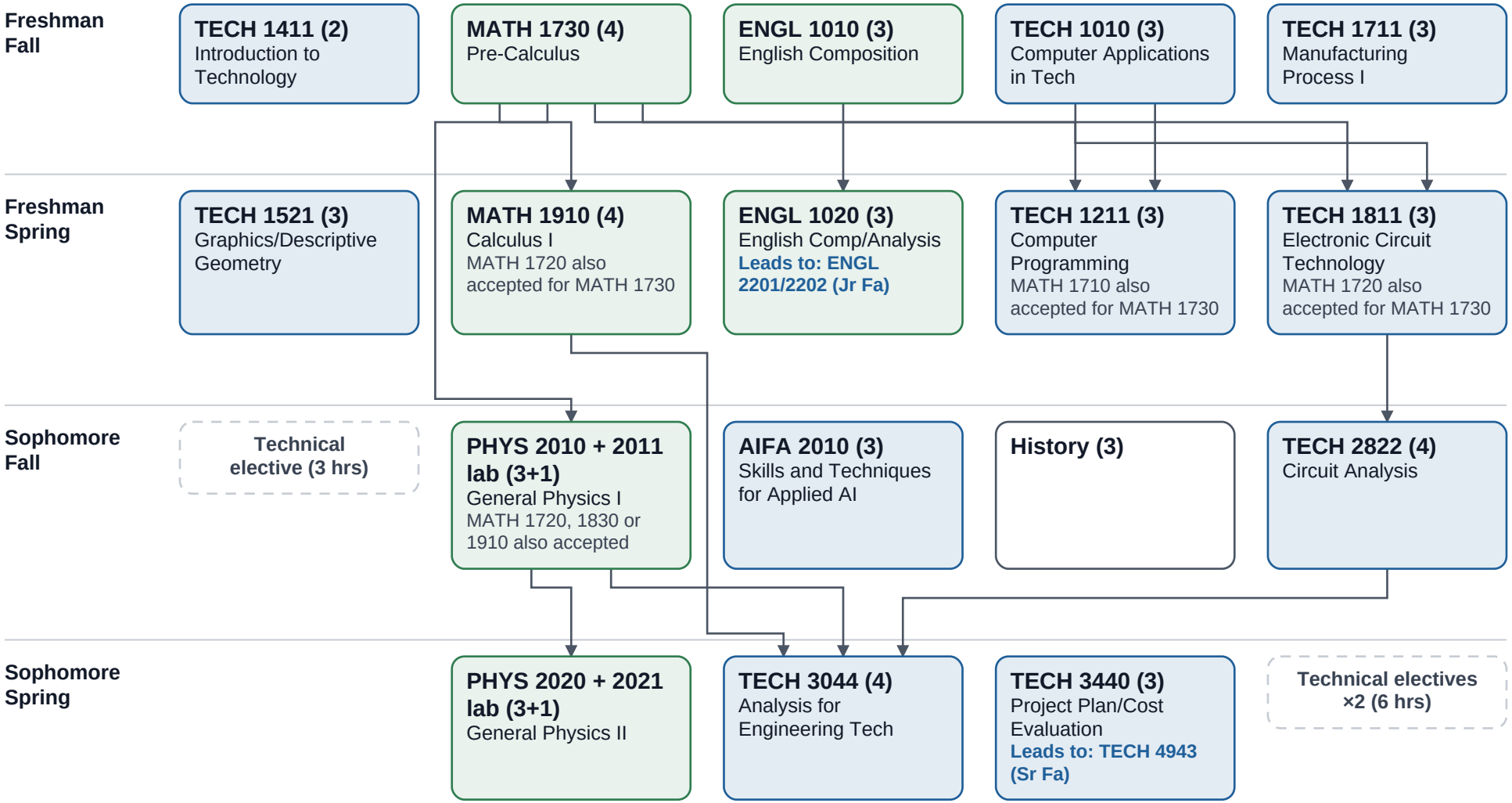
Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Core, general education and elective slots

ET core · Math, science, English · Gen-ed choice · Technical electives



Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Core, general education and elective slots

ET core · Math, science, English · Gen-ed choice · Technical electives

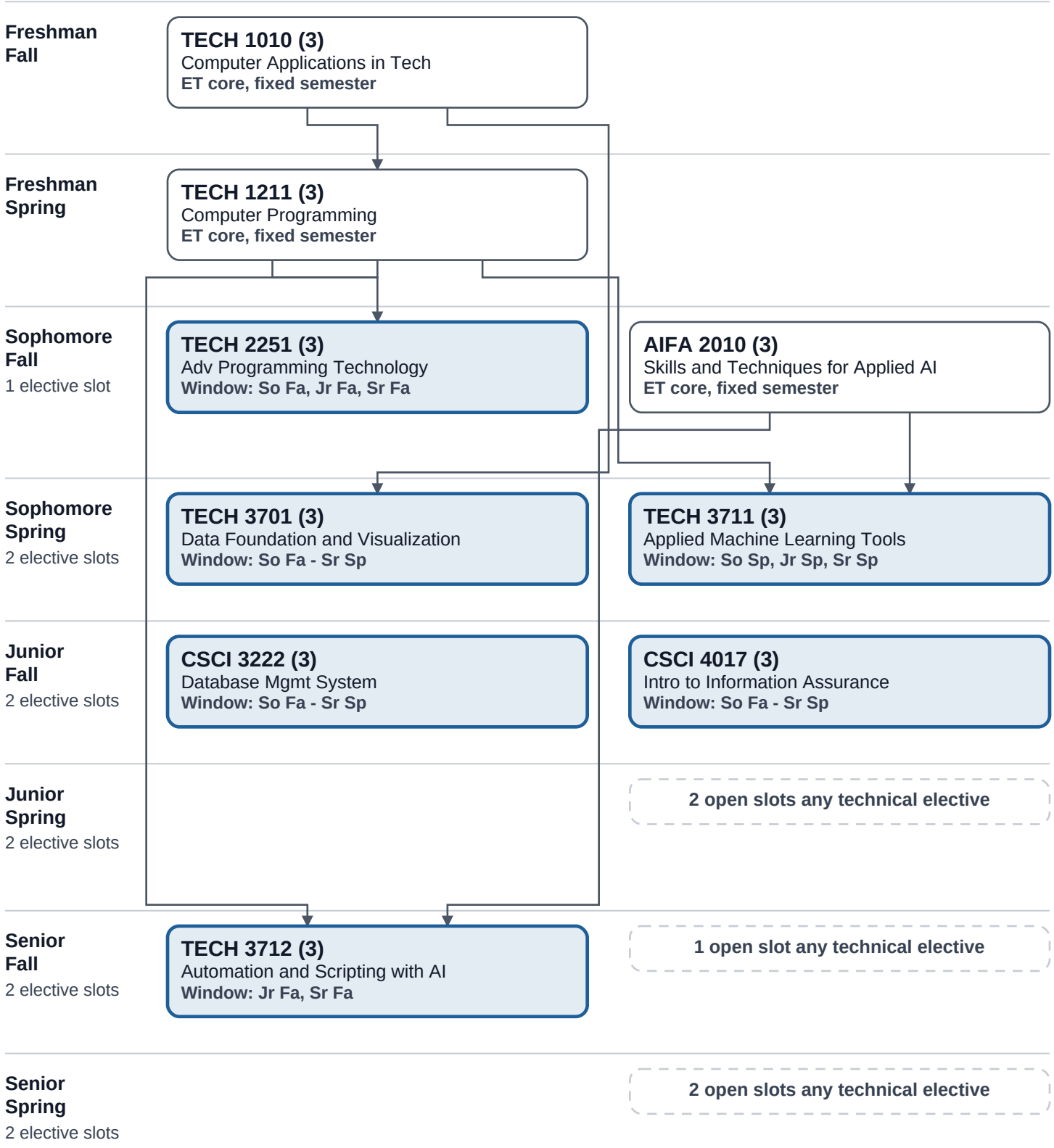
Junior Fall		**COMM 2381 (3)** Oral Communication	**CHEM 1010 + 1011 lab (3+1)** Chemistry of Materials	**ENGL 2201 or 2202 (3)** After: ENGL 1020 (Fr Sp)	**Technical electives ×2 (6 hrs)**
Junior Spring		**Social/Behavioral Sci (3)**	**History (3)**	**TECH 4462 (3)** Quality Improvement	**Technical electives ×2 (6 hrs)**
Senior Fall		**TECH 4381 (3)** Principles of Supervision	**Humanities (3)**	**TECH 4943 (2)** Senior Project I After: TECH 3440 (So Sp)	**Technical electives ×2 (6 hrs)**
Senior Spring	**Technical electives ×2 (6 hrs)**	**Social/Behavioral Sci (3)**	**Humanities (3)**	**TECH 4401 (2)** Science/Technology/ Society	**TECH 4945 (2)** Senior Project II

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Applied AI

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

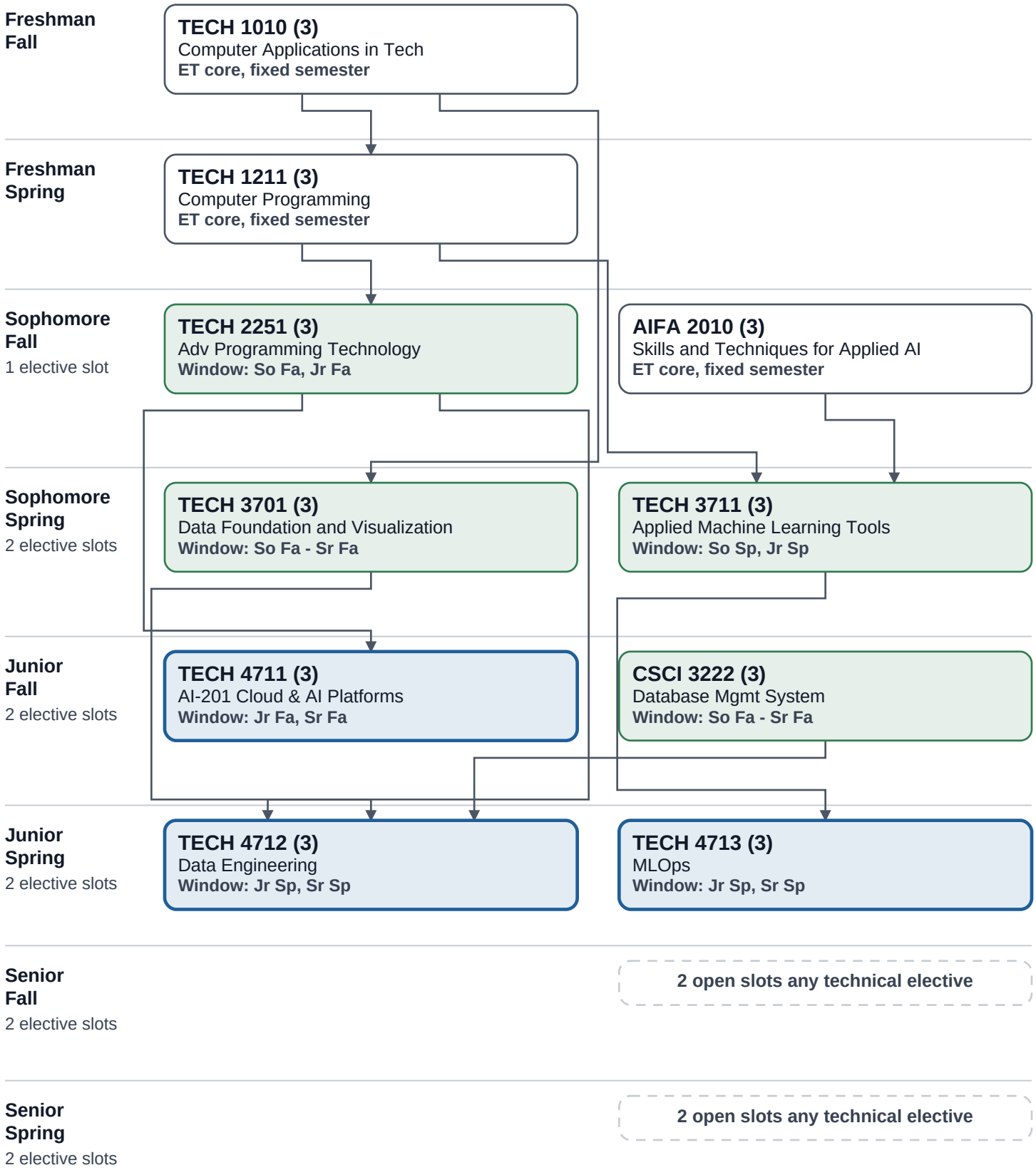


Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Advanced Applied AI

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

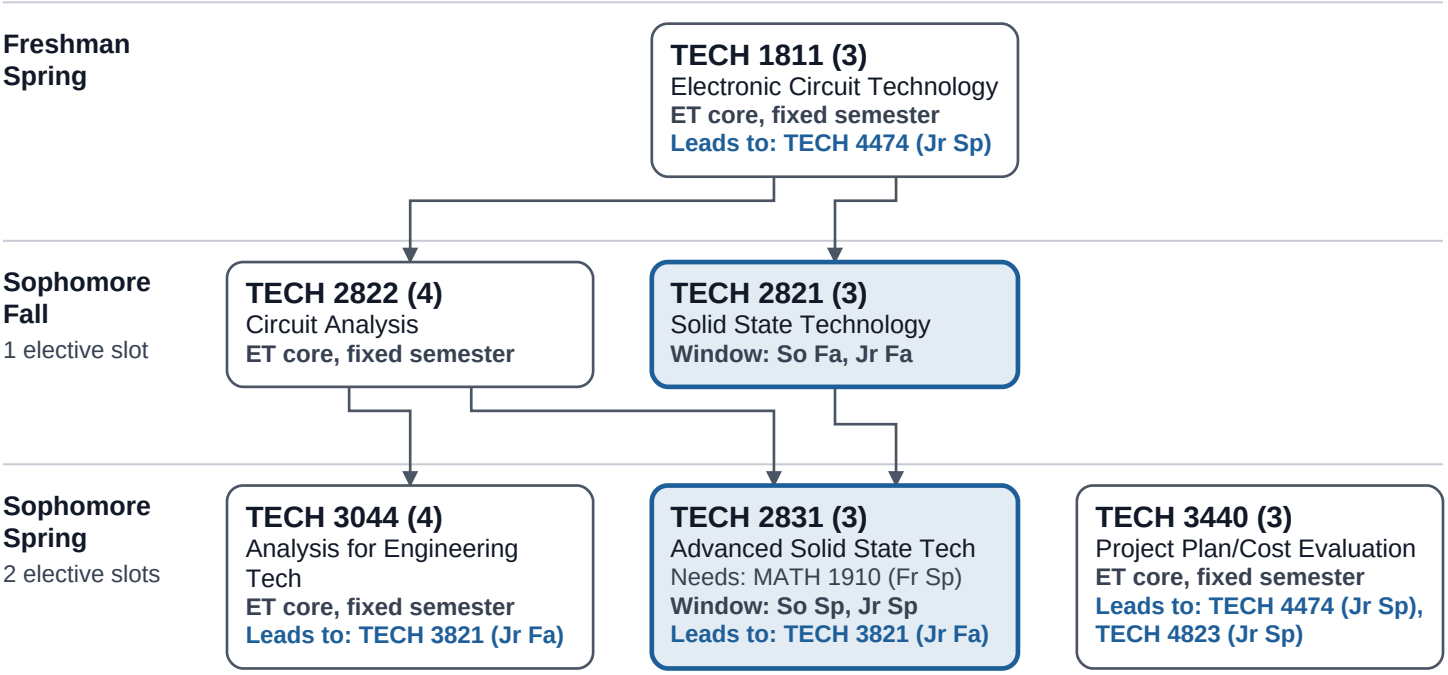


Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Automation & Control Systems

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



Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Automation & Control Systems

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

Junior Fall
2 elective slots

TECH 3821 (3)
Industrial Electronics
After: TECH 2831 (So Sp), TECH 3044 (So Sp)
Window: Jr Fa, Sr Fa

TECH 3822 (3)
Programmable Logic Control
Take with: 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
Not currently scheduled
OR TECH 4823 OR 4236 (take one)
Window: Jr Sp, Sr Sp

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

TECH 4823 (3)
Adv Programmable Logic Control
After: TECH 3440 (So Sp)
OR TECH 3841 OR 4236 (take one)
Window: Jr Sp, Sr Sp

TECH 4474 (3)
Automation and Robotics
After: TECH 1811 (Fr Sp), TECH 3440 (So Sp)
Needs: PHYS 2010 (So Fa)
Window: Jr Fa - Sr Sp

Senior Fall
2 elective slots

2 open slots any technical elective

Senior Spring
2 elective slots

2 open slots any technical elective

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Construction Management

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

Sophomore Fall
1 elective slot

TECH 3386 (3)
Safety Engineering
Window: So Fa, Jr Fa, Sr Fa

Sophomore Spring
2 elective slots

TECH 4171 (3)
Construction Engineering
Window: So Fa - Sr Sp

TECH 4510 (3)
Construction Planning/Schedule
Window: So Sp, Jr Sp, Sr Sp

Junior Fall
2 elective slots

TECH 3691 (3)
Construction Estimating
Window: So Fa, Jr Fa, Sr Fa

TECH 4175 (3)
Construction Contracts and Law
Window: So Fa, Jr Fa, Sr Fa

Junior Spring
2 elective slots

2 open slots any technical elective

Senior Fall
2 elective slots

2 open slots any technical elective

Senior Spring
2 elective slots

2 open slots any technical elective

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Cybersecurity

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

Sophomore Fall
1 elective slot

TECH 4721 (3)
Cybersecurity Risk Management and Compliance
Window: So Fa, Jr Fa, Sr Fa

Sophomore Spring
2 elective slots

TECH 4722 (3)
Cybersecurity Forensics & Incident Response
Window: So Sp, Jr Sp, Sr Sp

1 open slot any technical elective

Junior Fall
2 elective slots

CSCI 4017 (3)
Intro to Information Assurance
Window: So Fa - Sr Sp

1 open slot any technical elective

Junior Spring
2 elective slots

2 open slots any technical elective

Senior Fall
2 elective slots

2 open slots any technical elective

Senior Spring
2 elective slots

2 open slots any technical elective

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Manufacturing Technology

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

Freshman Fall

TECH 1711 (3)
Manufacturing Process I
ET core, fixed semester
Leads to: TECH 4472 (Jr Fa)

Freshman Spring

TECH 1521 (3)
Graphics/ Descriptive Geometry
ET core, fixed semester
Leads to: TECH 4472 (Jr Fa)

TECH 1811 (3)
Electronic Circuit Technology
ET core, fixed semester
Leads to: TECH 4474 (Sr Fa)

Sophomore Fall

1 elective slot

TECH 4460 (3)
Work Design/ Improvement
Window: So Fa, Jr Fa, Sr Fa
Leads to: TECH 4466 (Jr Sp)

Sophomore Spring

2 elective slots

TECH 3401 (3)
Strength of Materials
Needs: MATH 1910 (Fr Sp), PHYS 2010 (So Fa), PHYS 2011 (So Fa)
Take with: TECH 3044 (same term or earlier)
Window: So Sp, Jr Sp
Leads to: TECH 4472 (Jr Fa), TECH 3573 (Sr Fa)

TECH 3421 (4)
Manufacturing Process II
Window: So Fa - Sr Fa
Leads to: TECH 4476 (Jr Sp), TECH 4571 (Sr Sp)

TECH 3044 (4)
Analysis for Engineering Tech
ET core, fixed semester
Leads to: TECH 3573 (Sr Fa)

TECH 3440 (3)
Project Plan/Cost Evaluation
ET core, fixed semester
Leads to: TECH 4466 (Jr Sp), TECH 4474 (Sr Fa)

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Manufacturing Technology

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

Junior Fall
2 elective slots

TECH 4464 (3)
Production Control Systems
Take with: TECH 4460 (same term or earlier)
Window: So Sp - Sr Fa

TECH 4472 (3)
Computer Aided Design
After: TECH 1711 (Fr Fa), TECH 1521 (Fr Sp), TECH 3401 (So Sp)
Or: Junior standing + MECH 2320/2332 instead of TECH 3401
Window: Jr Fa - Sr Fa

Junior Spring
2 elective slots

TECH 4466 (3)
Facility Design
After: TECH 4460 (So Fa), TECH 3440 (So Sp)
Window: Jr Fa - Sr Sp

TECH 4476 (3)
Computer Aided Manufacturing
After: TECH 3421 (So Sp)
Needs: MATH 1730 (Fr Fa)
Window: Jr Sp, Sr Sp

Senior Fall
2 elective slots

TECH 3573 (3)
Dynamics/Design/Automation
After: TECH 3044 (So Sp), TECH 3401 (So Sp)
Needs: PHYS 2010 (So Fa), PHYS 2011 (So Fa)
Window: Jr Fa - Sr Sp

TECH 4474 (3)
Automation and Robotics
After: TECH 1811 (Fr Sp), TECH 3440 (So Sp)
Needs: PHYS 2010 (So Fa)
Window: Jr Fa - Sr Sp

Senior Spring
2 elective slots

1 open slot any technical elective

TECH 4571 (3)
Tool Design
After: TECH 3421 (So Sp)
Window: Jr Sp - Sr Sp

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Mechanical Systems Design

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

Freshman Fall

TECH 1711 (3)
Manufacturing Process I
ET core, fixed semester
Leads to: TECH 4472 (Jr Fa)

Freshman Spring

TECH 1521 (3)
Graphics/Descriptive Geometry
ET core, fixed semester
Leads to: TECH 4472 (Jr Fa)

Sophomore Fall

1 elective slot

1 open slot any technical elective

Sophomore Spring

2 elective slots

TECH 3401 (3)
Strength of Materials
Needs: MATH 1910 (Fr Sp), PHYS 2010 (So Fa), PHYS 2011 (So Fa)
Take with: TECH 3044 (same term or earlier)
Window: So Sp, Jr Sp
Leads to: TECH 3573 (Jr Fa), TECH 4472 (Jr Fa)

TECH 3044 (4)
Analysis for Engineering Tech
ET core, fixed semester
Leads to: TECH 3573 (Jr Fa)

TECH 3421 (4)
Manufacturing Process II
Window: So Fa - Sr Fa
Leads to: TECH 4571 (Jr Sp)

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Mechanical Systems Design

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

Junior Fall
2 elective slots

TECH 3573 (3)
Dynamics/Design/Automation
After: TECH 3044 (So Sp), TECH 3401 (So Sp)
Needs: PHYS 2010 (So Fa), PHYS 2011 (So Fa)
Window: Jr Fa - Sr Sp

TECH 4472 (3)
Computer Aided Design
After: TECH 1711 (Fr Fa), TECH 1521 (Fr Sp), TECH 3401 (So Sp)
Or: Junior standing + MECH 2320/2332 instead of TECH 3401
Window: Jr Fa - Sr Fa

Junior Spring
2 elective slots

1 open slot any technical elective

TECH 4571 (3)
Tool Design
After: TECH 3421 (So Sp)
Window: Jr Sp - Sr Sp

Senior Fall
2 elective slots

2 open slots any technical elective

Senior Spring
2 elective slots

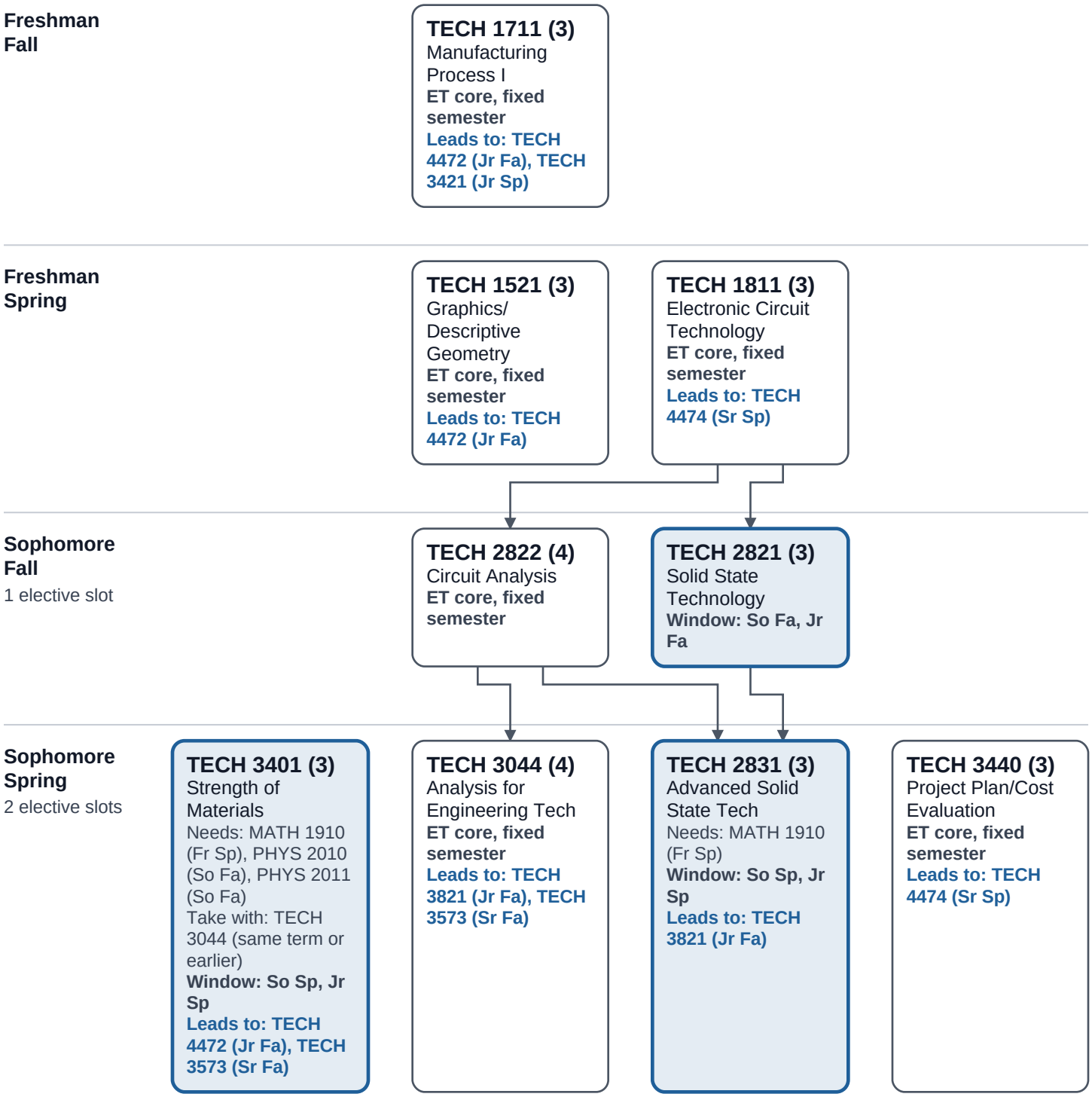
2 open slots any technical elective

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Mechatronics

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



Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Mechatronics

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

Junior Fall
2 elective slots

TECH 3821 (3)
Industrial Electronics
After: TECH 2831 (So Sp), TECH 3044 (So Sp)
Window: Jr Fa, Sr Fa

TECH 4472 (3)
Computer Aided Design
After: TECH 1711 (Fr Fa), TECH 1521 (Fr Sp), TECH 3401 (So Sp)
Or: Junior standing + MECH 2320/2332 instead of TECH 3401
Window: Jr Fa - Sr Fa

Junior Spring
2 elective slots

TECH 3421 (4)
Manufacturing Process II
After: TECH 1711 (Fr Fa)
Window: So Fa - Sr Fa

1 open slot any technical elective

Senior Fall
2 elective slots

TECH 3573 (3)
Dynamics/Design/Automation
After: TECH 3044 (So Sp), TECH 3401 (So Sp)
Needs: PHYS 2010 (So Fa), PHYS 2011 (So Fa)
Window: Jr Fa - Sr Sp

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

Senior Spring
2 elective slots

TECH 4474 (3)
Automation and Robotics
After: TECH 1811 (Fr Sp), TECH 3440 (So Sp)
Needs: PHYS 2010 (So Fa)
Window: Jr Fa - Sr Sp

TECH 4571 (3)
Tool Design
Window: Jr Sp - Sr Sp

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Microprocessor Systems

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

Freshman Spring

TECH 1211 (3)
Computer Programming
ET core, fixed semester

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

Sophomore Fall
1 elective slot

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

Sophomore Spring
2 elective slots

TECH 3230 (3)
Embedded System Programming
Window: So Sp, Jr Sp, Sr Sp

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

Junior Fall
2 elective slots

1 open slot any technical elective

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

Junior Spring
2 elective slots

1 open slot any technical elective

TECH 3233 (4)
Microprocessor Technology
Window: Jr Sp, Sr Sp

Senior Fall
2 elective slots

2 open slots any technical elective

Senior Spring
2 elective slots
Choose ONE
(dashed box)

TECH 4236 (3)
AutoID Solutions
OR TECH 4234 (take one)
Window: So Sp, Jr Sp, Sr Sp

TECH 4234 (3)
Microprocessors & IOT
Not currently scheduled
OR TECH 4236 (take one)
FIXED - no other semester works

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Operations Strategy & Lean Principles

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

Sophomore Fall
1 elective slot

TECH 4460 (3)
Work Design/Improvement
Window: So Fa, Jr Fa, Sr Fa

Sophomore Spring
2 elective slots

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

1 open slot any technical elective

Junior Fall
2 elective slots

TECH 4464 (3)
Production Control Systems
Take with: TECH 4460 (same term or earlier)
Window: So Sp - Sr Fa

1 open slot any technical elective

Junior Spring
2 elective slots

TECH 4466 (3)
Facility Design
Window: Jr Fa - Sr Sp

1 open slot any technical elective

Senior Fall
2 elective slots

2 open slots any technical elective

Senior Spring
2 elective slots

2 open slots any technical elective

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Product Realization

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

Freshman Fall

TECH 1711 (3)
Manufacturing Process I
ET core, fixed semester
Leads to: TECH 4472 (Jr Fa)

Freshman Spring

TECH 1811 (3)
Electronic Circuit Technology
ET core, fixed semester
Leads to: TECH 4474 (Jr Sp)

TECH 1521 (3)
Graphics/Descriptive Geometry
ET core, fixed semester
Leads to: TECH 4472 (Jr Fa)

Sophomore Fall

1 elective slot

1 open slot any technical elective

Sophomore Spring

2 elective slots

TECH 3421 (4)
Manufacturing Process II
Window: So Fa - Sr Fa
Leads to: TECH 4476 (Jr Sp)

TECH 3401 (3)
Strength of Materials
Needs: MATH 1910 (Fr Sp), PHYS 2010 (So Fa), PHYS 2011 (So Fa)
Take with: TECH 3044 (same term or earlier)
Window: So Sp, Jr Sp
Leads to: TECH 4472 (Jr Fa)

TECH 3440 (3)
Project Plan/Cost Evaluation
ET core, fixed semester
Leads to: TECH 4474 (Jr Sp)

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

Product Realization

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

Junior Fall
2 elective slots

TECH 4472 (3)
Computer Aided Design
After: TECH 1711 (Fr Fa), TECH 1521 (Fr Sp), TECH 3401 (So Sp)
Or: Junior standing + MECH 2320/2332 instead of TECH 3401
Window: Jr Fa - Sr Fa

1 open slot any technical elective

Junior Spring
2 elective slots

TECH 4476 (3)
Computer Aided Manufacturing
After: TECH 3421 (So Sp)
Needs: MATH 1730 (Fr Fa)
Window: Jr Sp, Sr Sp

TECH 4474 (3)
Automation and Robotics
After: TECH 1811 (Fr Sp), TECH 3440 (So Sp)
Needs: PHYS 2010 (So Fa)
Window: Jr Fa - Sr Sp

Senior Fall
2 elective slots

2 open slots any technical elective

Senior Spring
2 elective slots

2 open slots any technical elective

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.

Bachelor of Science in Engineering Technology 2027-2028 (proposed)

System/Network Administration

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

Sophomore Fall
1 elective slot

TECH 3241 (3)
Internet Technology
Window: So Fa - Jr Sp

Sophomore Spring
2 elective slots

TECH 4272 (4)
Operating Systems
Window: So Sp, Jr Sp, Sr Sp

1 open slot any technical elective

Junior Fall
2 elective slots

TECH 4281 (4)
Computer Network Technology
Window: Jr Fa, Sr Fa

1 open slot any technical elective

Junior Spring
2 elective slots

TECH 4282 (4)
Enterprise Networking and Security
Window: Jr Sp, Sr Sp

1 open slot any technical elective

Senior Fall
2 elective slots

2 open slots any technical elective

Senior Spring
2 elective slots

2 open slots any technical elective

Proposed sequence and fall/spring rotation (2026-10-07, effective Fall 2027). Rows are semesters; arrows are prerequisites.