

Bachelor of Science in Engineering Technology 2026-2027

Advanced Applied AI

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

**Freshman
Fall**

TECH 1010 (3)
Computer Applications in Tech
ET core, fixed semester

**Freshman
Spring**

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

**Sophomore
Fall**
1 elective slot

TECH 2251 (3)
Adv Programming Technology
Window: So Fa, Jr Fa, Sr Fa

AIFA 2010 (3)
Skills and Techniques for Applied AI
ET core, fixed semester

**Sophomore
Spring**
2 elective slots

TECH 3701 (3)
Data Foundation and Visualization
Window: So Fa - Sr Fa

TECH 3711 (3)
Applied Machine Learning Tools
Window: So Sp, Jr Sp

**Junior
Fall**
2 elective slots

CSCI 3222 (3)
Database Mgmt System
Window: So Fa, Jr Fa, Sr Fa

1 open slot any technical elective

**Junior
Spring**
2 elective slots

TECH 4711 (3)
AI-201 Cloud & AI Platforms
Window: So Sp, Jr Sp, Sr Sp

TECH 4712 (3)
Data Engineering
Window: Jr Sp, Sr Sp

**Senior
Fall**
2 elective slots

2 open slots any technical elective

**Senior
Spring**
2 elective slots

1 open slot any technical elective

TECH 4713 (3)
MLOps
Window: Jr Sp, Sr Sp