## BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY 2023-2024

### ELECTIVE SEQUENCES

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<th>FRESHMAN</th>
<th>SOPHOMORE</th>
<th>JUNIOR</th>
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<tbody>
<tr>
<td>Fall</td>
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#### Mechanical Systems Design

- **Fall:** TECH 3401 Strength of Materials (3)
- **Spring:** TECH 3421 Manufacturing Processes II (4)
- **Fall:** TECH 3573 Dynamics for Design for Automation (3)
- **Spring:** TECH 3471 Tool Design (3)

#### Product Realization

- **Fall:** TECH 3044 Analysis for Engr. Tech. (4)
- **Spring:** TECH 4472 Computer Aided Design (3)
- **Fall:** TECH 4476 Computer Aided Manufacturing (3)
- **Spring:** TECH 4460 Work Design/Improvement/Measurement (3)

#### Operations Strategy & Lean Principles

- **Fall:** TECH 3044 Analysis for Engr. Tech. (4)
- **Spring:** TECH 4472 Computer Aided Design (3)
- **Fall:** TECH 4464 Production Control Systems (3)
- **Spring:** TECH 4466 Facility Design (3)

**Notes:**
1. ALL Pre-Engineering Technology courses must be completed prior to enrollment in the Elective sequences.