

School of Engineering and Engineering Technology  
**Engineering Technology, B.S.**  
**All Concentrations (MT, ET, MTAS, ETAS)**

2024-2025

APPROVED ELECTIVES LIST

(Version date: 5/13/24)

NOTE: Students should be careful to note and meet specified prerequisites for their selected elective courses.

**GENERAL EDUCATION & LETU THEOLOGY AND VOCATION ELECTIVES**

**Biblical Engagement Electives**

Any BIBL course numbered 2000-level or above

**Civic Engagement Electives**

Any HIST, INTL, POLS, ECON, or CRIJ

**Humanities & Fine Arts Electives (Formerly Ingenuity Electives)**

Cross-Cultural (CCLT 3203 only); Fine Arts (HUMA); Literature (All ENGL 2000-level or above courses **except** ENGL 2603, ENGL 3213, ENGL 3223, ENGL 3931, ENGL 4923, and ENGL 4933); Philosophy (PHIL); Music (MUSC); Foreign Language.

**Theological Engagement Electives**

2000-level or above BIBL; CCLT 3103 Cultural Anthropology; CCLT 3203 Religions of the World; CCLT 4103 Biblical and Strategic Paradigms for Mission; CMIN 3303 Evangelism and Discipleship; CMIN 3403 Ministry of Teaching; THEO 3063 Christian Ethics; THEO 3103 Christian Doctrine; THEO 3133 The History of Christian Thought; THEO 3203 Christian Apologetics; THEO 49X3 Special Topics classes that engage Theology and specific disciplines

**TECHNICAL ELECTIVES**

**Catalog Requirement:** Any 2000 level or above AVTC, DSTC, EETC, METC, MJET or MJEG course for which the necessary prerequisites have been met. This may include 3 hours of ACCT, BUSI, ECON, MKTG, MGMT or COSC course with approval by academic advisor.

**Definition:** Technical electives are included in some degree plans to allow the student to customize their individual degree plan by taking a course to gain additional training. Consider choosing a technical elective that will complement your required courses and enhance your transcript with marketable skills. Listed below are some common courses that will fulfill your technical elective requirement but is not an all-inclusive list as defined in the catalog. You should consult with your academic advisor before enrolling in a technical elective.

**Suggested Technical Elective Courses**

<p><u>Any Concentration</u> ENGR 4951/4952 Junior Design Project (fall/spring semesters) GETC 4943 Engineering Tech Internship (fall) Any 2000 level or above AVTC Course DSTC 3433 Solids Modeling (fall/spring)</p> <p><u>Electrical Automation and Robotics Concentration</u> METC 4443 Elements of Machine Design (spring) MJET 2023 Materials Joining Fundamentals (fall) MJEG 4313 Nondestructive Evaluation (fall)</p>	<p><u>Mechanical Concentration</u> EETC 3212/3211 Digital Electronics (spring) EETC 4433 Industrial Robotics and Automation MJEG 4313 Nondestructive Evaluation (fall)</p> <p><u>MTAS and ETAS Concentrations</u> GETC 3323 Modern Manufacturing Methods (spring) EETC 4433 Industrial Robotics and Automation</p>
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