MXET Approved Technical Electives
Mechatronics

In general, technical electives for MXET students with a focus in Mechatronics are to be 3XX or 4XX level technical courses that augment or expand some aspect of technical content included in the Mechatronics curriculum. The intent is to have students choose these two courses so that they can pursue an area of interest to them.

**MXET students should meet with the Program Coordinator to review educational degree plan and have technical electives approved before enrolling in the course(s).**

A number of courses have been reviewed and approved as suitable for the Mechatronics option. These include, but are not limited to:

ENGR 489 – Intellectual Property
ESET 315 – Networking
ESET 333 – Product Development*
ESET 415 – Advanced Networking
ESET 444 – Building Energy Management Systems
ESET 455 – Wireless Communications
ESET 456 – Embedded Sensors and Internet of Things (IoT) Systems
ESET 469 – Embedded Real Time Software Development
MMET 380 – Computer-Aided Manufacturing
MMET 463 – Mechanical Design Applications II

Other 3XX-4XX level technical courses may be used with approval by the Program Coordinator.

*For Mechatronics students, taking ESET 333 will complete all required coursework for a minor in Embedded Systems Integration. Please see an academic advisor to apply for the minor.