

# MECHANICAL ENGINEERING MINOR

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## Program Description

This minor provides a foundation in the core principles of Mechanical Engineering, preparing students for careers in various fields, including aerospace, automotive, and energy. Students will learn fundamental knowledge in solid modeling, programming, and hands-on manufacturing/machining processes. Students will also gain hands-on experience and develop problem-solving, critical thinking, and design skills.

## Requirements

| Code                                             | Title                         | Hours     |
|--------------------------------------------------|-------------------------------|-----------|
| EGNR 140                                         | Linear Alg Num Apps Engineers | 2         |
| EGEM 220                                         | Statics                       | 3         |
| EGME 110                                         | Manufacturing Processes       | 3         |
| EGME 141                                         | Solid Modeling                | 3         |
| EGME 225                                         | Mechanics of Materials        | 3         |
| EGME OR EGEM listed courses at the 300/400 level |                               | 7         |
| <b>Total Hours</b>                               |                               | <b>21</b> |