

# Energy Engineering Vehicles Certificate

---

## Certificate Requirements

Minimum Credits Required: 9

| Code                                                                                       | Title                       | Credits  |
|--------------------------------------------------------------------------------------------|-----------------------------|----------|
| Select 9 credits from the following:                                                       |                             | 9        |
| ME 469                                                                                     | Energy Storage Technology   |          |
| ME 484                                                                                     | Aerospace Propulsion        |          |
| ME 487                                                                                     | Internal Combustion Engines |          |
| ABEN 473                                                                                   | Agricultural Power          |          |
| ECE 437                                                                                    | Power Electronics           |          |
| Co-op/Internship taken as a Technical Elective (ME 397, ABEN 496, or ECE 397) <sup>1</sup> |                             |          |
| <b>Total Credits</b>                                                                       |                             | <b>9</b> |

<sup>1</sup> The company or co-op project must be energy-related and should be related to the focus area of the certificate. Approval by the Energy Stewardship professor is required. The co-op must meet the requirements for 'co-op as a technical elective'.

### Program Notes:

- Students must be aware of pre-requisites for the courses listed.
- A course applied to one certificate cannot also count towards a second Energy Engineering certificate.