

# ENGINEERING MANAGEMENT - MASTER OF ENGINEERING IN ENGINEERING MANAGEMENT (ONLINE)

| Prefix  | Title   | Credits   |
|---|---|-----------|
| Core Courses (18 Credits)                       |   | 18        |
| A ST 512  | Quantitative Analysis for Business Decisions <sup>1</sup>     |           |
| I E 523   | Advanced Engineering Economy <sup>1</sup>                     |           |
| I E 537   | Large Scale Systems Engineering <sup>1</sup>                  |           |
| I E 563   | Topics in Engineering Administration <sup>1</sup>             |           |
| MGMT 470  | Project Management in Organizations <sup>1</sup>              |           |
| or MGMT 502                                     | Operations Management   |           |
| MGMT 503  | Organizational Behavior and Management Processes <sup>1</sup> |           |
| Electives (9 credits)                           |   | 9         |
| ACCT 503  | Accounting for Managers <sup>2</sup>                          |           |
| BFIN 503  | Financial Management <sup>2</sup>                             |           |
| or MGMT 590                                     | Strategic Management  |           |
| I E 460   | Evaluation of Engineering Data <sup>2</sup>                   |           |
| I E 524   | Advanced Production and Inventory Control <sup>2,3</sup>      |           |
| Capstone Project (3 credits from the following) |   | 3         |
| I E 590   | Selected Topics <sup>1,2</sup>                                |           |
| MGMT 490  | Selected Topics <sup>1,2</sup>                                |           |
| BCIS 590  | Special Topics <sup>1,2</sup>                                 |           |
| <b>Total Credits</b>                            |   | <b>30</b> |

<sup>1</sup> Masters of Engineering Management required course.

<sup>2</sup> Students must seek prior approval from their academic advisor for all elective courses. Please consult with your advisor for further guidance on course selection.

<sup>3</sup> This course is uniquely positioned to address specific challenges in the Borderplex region.