

| Name: | McHenry County College | | Program: | Milwaukee School of Engineering | | Counselor: | | |
|------------|---|--------------|-----------------|---------------------------------|----------|------------------|-----|--|
| ID: | | | Reviewer: | | | | | |
| YEAR ONE | | | | | | | | |
| | MSOE Course | MSOE Credits | Foreign Course | Foreign School | Approval | Transfer Credits | WIP | |
| Fall | CH 200-Chemistry I | 4 | CHM 165 | MCHENRY CC | | 4 | | |
| | MA 136-Calculus I | 4 | MAT 175+MAT 245 | MCHENRY CC | | 4 | | |
| | ME 1601-Introduction to Engineering Design | 4 | AET 171+AET 172 | MCHENRY CC | | 4 | | |
| | GS 1001-Freshman Studies I (Composition) | 4 | ENG 151 | MCHENRY CC | | 4 | | |
| Winter | ME 190-Computer Applications in Engineering I | 4 | | | | 0 | | |
| | CH 201-Chemistry II | 4 | CHM 166 | MCHENRY CC | | 4 | | |
| | GS 1002-Freshman Studies II (Tech Comp) | 4 | | | | 0 | | |
| | MA 137-Calculus II | 4 | MAT 175+MAT 245 | MCHENRY CC | | 4 | | |
| Spring | MA 231-Calculus III | 4 | MAT 175+MAT 245 | MCHENRY CC | | 4 | | |
| | GS 1003-Freshman Studies III (Speech) | 4 | SPE 151 | MCHENRY CC | | 4 | | |
| | ME 1301-Introduction to Mechanics | 3 | | | | 0 | | |
| | PH 2011-Physics I | 4 | PHY 291 | MCHENRY CC | | 4 | | |
| YEAR TWO | | | | | | | | |
| Fall | MA 235-Differential Equations | 4 | MAT 260 | MCHENRY CC | | 4 | | |
| | EE 201-SS Linear Networks | 4 | EGR 260 | MCHENRY CC | | 4 | | |
| | ME 2001-Mechanics I | 4 | EGR 251 | MCHENRY CC | | 4 | | |
| | PH 2021-Physics II | 4 | PHY 292 | MCHENRY CC | | 4 | | |
| Winter | MA 232-Calculus IV | 3 | MAT 255 | MCHENRY CC | | 3 | | |
| | MA 262-Probability and Statistics | 3 | | | | 0 | | |
| | ME 2002-Mechanics II | 4 | EGR 252 | MCHENRY CC | | 4 | | |
| | PH 2031-Physics III | 4 | PHY 293 | MCHENRY CC | | 4 | | |
| | HU Elective | 3 | SEVERAL OPTIONS | MCHENRY CC | | 3 | | |
| Spring | ME 230-Dynamics of Systems | 4 | | | | 0 | | |
| | ME 2003-Mechanics III | 4 | EGR 252 | MCHENRY CC | | 4 | | |
| | ME 2004-Mechanics of Materials I | 4 | | | | 0 | | |
| | ME 2101-Thermodynamics I | 3 | | | | 0 | | |
| | SS Elective | 3 | SEVERAL OPTIONS | MCHENRY CC | | 3 | | |
| YEAR THREE | | | | | | | | |
| Fall | ME 321-Materials Science | 3 | | | | 0 | | |
| | MA 383-Linear Algebra | 3 | | | | 0 | | |
| | ME 3005-Mechanics of Materials II | 3 | | | | 0 | | |
| | ME 3102-Thermodynamics II | 3 | | | | 0 | | |
| | ME 3103-Fluid Mechanics I | 3 | | | | 0 | | |
| Winter | ME 322-Engineering Materials | 4 | | | | 0 | | |
| | ME 3104-Fluid Mechanics II | 4 | | | | 0 | | |
| | ME 3301-Instrumentation | 3 | | | | 0 | | |
| | ME 318-Heat Transfer | 4 | | | | 0 | | |
| Spring | IE 340-Project Management | 3 | | | | 0 | | |
| | ME 323-Manufacturing Processes | 4 | IMT 102 + 103 | MCHENRY CC | | 4 | | |
| | ME 363-Design of Machine Components | 4 | | | | 0 | | |
| | ME 3105-Applied Thermodynamics | 4 | | | | 0 | | |
| | Math/Science Elective | 3 | MAT 255 | MCHENRY CC | | 3 | | |
| YEAR FOUR | | | | | | | | |
| | ME 490-Senior Design I | 3 | | | | 0 | | |

Meet with MSOE Advisor

Milwaukee School of Engineering
Mechanical Engineering

February 2018

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|-----------------------------------|---|------------|-----------------|------------|----|
| Fall | ME 4302-Automatic Control Systems | 4 | | | 0 |
| | Numerical Methods Course | 4 | | | 0 |
| | HU Elective | 3 | SEVERAL OPTIONS | MCHENRY CC | 3 |
| | Technical Elective | 3 | | | 0 |
| Winter | ME 491-Senior Design II | 3 | | | 0 |
| | SS Elective | 3 | SEVERAL OPTIONS | MCHENRY CC | 3 |
| | HU/SS Elective | 3 | SEVERAL OPTIONS | MCHENRY CC | 3 |
| | Technical Elective | 3 | | | 0 |
| | Technical Elective | 3 | | | 0 |
| Spring | HU 432-Ethics for Professional Managers and Eng | 3 | BUS 235 | MCHENRY CC | 3 |
| | Technical Elective | 3 | | | 0 |
| | Technical Elective | 3 | | | 0 |
| | Free Elective | 3 | SEVERAL OPTIONS | MCHENRY CC | 3 |
| | Prof Prep Elective | 3 | | | 0 |
| Total Credits Transferred: | | | | | 95 |
| Total WIP*: | | | | | 0 |
| Total Transfer Credits: | | | | | 95 |
| Total Program Credits: | | 193 | | | |

*Credits from courses currently in progress (WIP) will not awarded until official transcripts showing a grade of C or better have been received.

MSOE Course

Foreign Course

Foreign School

Unknown or Elective Courses to be Assigned

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Courses That Do Not Transfer

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Syllabus Requests

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There are 39 credits of elective subjects in the mechanical engineering program, which must be taken as follows:

- 15 credits from humanities and social sciences (HU/SS), distributed as follows:
 - 6 credits from the social series (SS)
 - 6 credits from the humanities (HU)
 - 3 credits with either an HU or SS designation (400 level)
 - 3 credits from the field of mathematics or science (300 level or above)
 - 15 credits from the ME technical electives list, with at least 9 credits from courses with an ME designation
 - 3 credits from any 200-, 300-, or 400-level subject, or BI 102 (free elective)
 - 3 credits professional preparedness elective (see list)
- Numerical Electives course is a choice of ME 460, ME 4806, or ME 4906

Professional preparedness elective is choice of: MS 221, MS 2220, MS 3401, MS 3406, MS 3423, or BA 1221