

**MCEN SCHEDULE OF COURSES
SPRING 2009**

Required Courses:

Updated 12/31/08

| <u>Course Number</u> | <u>Call #</u> | <u>Course Title</u> | <u>Days</u> | <u>Time</u> | <u>Room</u> | <u>Instructor</u> |
|----------------------|---------------|--|-------------|-------------|-------------|-------------------|
| GEEN 1300- 100 | 24423 | Intro Engineering Computing | MW | 0800-0850 | MATH 100 | Bradley |
| | 25478 | Rec 101 | T | 0500-0650 | ECCH 107 | Bradley |
| | 25479 | Rec 102 | W | 0100-0250 | ECCH 107 | Bradley |
| | 25480 | Rec 103 | W | 0300-0450 | ECCH 107 | Bradley |
| | 25481 | Rec 104 | R | 0800-0950 | ECCH 107 | Bradley |
| | 25482 | Rec 105 | R | 1000-1150 | ECCH 107 | Bradley |
| | 25483 | Rec 106 | R | 0100-0250 | ECCH 107 | Bradley |
| | 25484 | Rec 107 | R | 0300-0450 | ECCH 107 | Bradley |
| | 25485 | Rec 108 | W | 1100-1250 | ECCH 107 | Bradley |
| | 25486 | Rec 109 | T | 0800-0950 | ECCH 107 | Bradley |
| | 25487 | Rec 110 | T | 1000-1150 | ECCH 107 | Bradley |
| | 25488 | Rec 111 | T | 0100-0250 | ECCH 107 | Bradley |
| | 25489 | Rec 112 | T | 0300-0450 | ECCH 107 | Bradley |
| GEEN 1400- 020 | 16241 | First-Year Engr Projects | M | 1100-1150 | ITLL 160 | Bunch |
| | 16242 | Lab 021 | WF | 1000-1150 | ITLL 160 | Bunch |
| GEEN 1400- 070 | 16243 | First-Year Engr Projects | M | 1000-1050 | ITLL 150 | Carlson |
| | 16244 | Lab 071 | TR | 0900-1050 | ITLL 150 | Carlson |
| MCEN 2024- 001 | 19147 | Materials Science | TR | 0200-0315 | BESC 180 | Larsen/Stoldt |
| MCEN 2063-001 | 19148 | Mechanics of Solids | TR | 0930-1045 | ECCR 265 | Qi |
| ECEN 3010-010 | 24283 | Circuits & Electronics | TR | 0930-1020 | ITLL 1B50 | Newhall |
| | 24284 | Lab 011 | T | 1200-0145 | ITLL 1B10 | |
| | 24285 | Lab 012 | R | 1200-0145 | ITLL 1B10 | |
| MCEN 4122-001 | 24358 | Thermodynamics 2 (3122 juniors only) | MWF | 1000-1050 | ECCR 1B40 | Miller |
| MCEN 3022-001 | 19149 | Heat Transfer | MWF | 0100-0150 | MCDB A2B70 | Joseph |
| MCEN 3025- 001 | 19150 | Component Design | TR | 0200-0315 | ECCR 1B40 | Carlson |
| MCEN 3043- 010 | 24361 | Dynamics | MWF | 0200-0250 | ECCR 1B40 | Reamon |
| | 24367 | Lab 011 | M | 1100-1150 | ECCE 141 | |
| | 24368 | Lab 012 | M | 1200-1250 | ECCE 141 | |
| | 24369 | Lab 013 | W | 1100-1150 | ECCE 141 | |
| | 24370 | Lab 014 | W | 1200-1250 | ECCE 141 | |
| | 24371 | Lab 015 | F | 1100-1150 | ECCE 141 | |
| | 24372 | Lab 016 | F | 1200-1250 | ECCE 141 | |
| MCEN 3037-001 | 24865 | TPC:Exp Des & Data Anal (2 credits) | MW | 0300-0350 | ECCR 265 | Hannigan |
| | | NOTE: This initiates the 2 + 2 + 2 sequence and is spring only. So take this course now if you need it! | | | | |
| MCEN 4085- 100 | | ME Design Project 2 | MW | 0200-0250 | BESC 180 | Pawlas |
| | 25333 | Lab 102 | MW | 0900-1100pm | | Pawlas |
| | 25334 | Lab 103 | MW | 0900-1100pm | | Kotys |

| | | | | | | |
|---------------|-------|---|----|-------------|-----------|------------|
| | 25334 | Lab 104 | MW | 0900-1100pm | | Bergquist |
| | 25347 | Lab 105 | MW | 0900-1100pm | | Ibanez |
| | 25348 | Lab 106 | MW | 0900-1100pm | | Lull |
| | 25349 | Lab 107 | MW | 0900-1100pm | | Zable |
| | 25350 | Lab 108 | MW | 0900-1100pm | | Rentschler |
| | 25351 | Lab 109 | MW | 0900-1100pm | | Feiereisen |
| | 25352 | Lab 110 | MW | 0900-1100pm | | Kreith |
| | 25353 | Lab 111 | MW | 0900-1100pm | | Nilsen |
| | | NOTE: LABS are for scheduling by Advisor - they do not meet at that time! | | | | |
| MCEN 4037-001 | 24867 | Measurements Lab (2 credits) | TR | 0330-0520 | ITLL 1B10 | Joseph |
| MCEN 4047-001 | 24872 | M.E. (Sr) Lab (2 credits) | TR | 1000-1150 | ITLL 1B10 | Stoldt |
| 4047-002 | 24873 | M.E. (Sr) Lab (2 credits) | MW | 0300-0450 | ITLL 1B10 | Pelligrino |

Spring 2009 M.E. Technical Electives:

| <u>Course Number</u> | <u>Call #</u> | <u>Course Title</u> | <u>Days</u> | <u>Time</u> | <u>Room</u> | <u>Instructor</u> |
|--------------------------------|-------------------------|---|--------------------|-------------------------------------|-------------------------------------|----------------------------|
| MCEN 4115-010 | 19168 | Mechatronics & Robotics 1 Lab 011 (Attend Mon, Wed, and Fri.) | MW MW F | 1200-1250 0100-0150 1200-0150 | ITLL 1B50 ITLL 1B10 ITLL 1B10 | Reamon Reamon Reamon |
| 5115-010 | 23375 | Mechatronics & Robotics 1 Lab 011 (Attend Mon, Wed, and Fri.) | MW MW F | 1200-1250 0100-0150 1200-0150 | ITLL 1B50 ITLL 1B10 ITLL 1B10 | Reamon Reamon Reamon |
| MCEN 4131-001 5131-001 | 19170 23377 | Air Pollution Control Engineering Prereq. MCEN 3021 "Fluids" | TR | 1230-0145 | RAMY N1B23 | Milford |
| MCEN 4134-001 5228-001 | 19171 23378 | Biomechanics Prereq. MCEN 2024 "Materials", MCEN 2063 "Solids", MCEN 3021 "Fluid Mechanics" | MWF | 1000-1050 | RAMY N1B23 | Ferguson |
| MCEN 4228-004 5228-004 | 19175 23379 | TPC: Materials in Medicine Recommended Prereq. MCEN 2024 "Materials" | TR | 1230-0145 | ECCR 150 | Tan |
| MCEN 4228-005 MCEN 5228-005 | 19176 23380 | TPC: Wind Energy Prereq. Two of the following three: MCEN 3021 "Fluids" (or ASEN 3111 or CVEN 3313 or GEEN 3853 or equivalent), MCEN 3043 "Dynamics" (or ASEN 2003 or CVEN 3111 or equivalent), MCEN 3010 "Circuits" (or ASEN 3300 or ECEN 2250 or equivalent). | TR | 0200-0315 | ECCR 150 | Pawlas |
| MCEN 4228-010 MCEN 5228-010 | 24731 24734 24735 | TPC: Flow Visualization Lab 011 | MW F | 0300-0350 0300-0450 | ITLL 1B50 ITLL 1B10 | Hertzberg |
| MCEN 4228 008 MCEN 5228 008 | 25443 25444 | TPC: Intro to Polymers | MWF | 0100-0150 | ECCR 139 | Ding, Yifu |

Spring 2009 Graduate Courses:

(Seniors may take 5000-level courses as M.E. Tech Electives with instructor's permission.)

| <u>Course Number</u> | <u>Call #</u> | <u>Course Title</u> | <u>Days</u> | <u>Time</u> | <u>Room</u> | <u>Instructor</u> |
|----------------------|----------------|--|---------------|-------------------------------------|-------------------------------------|----------------------------|
| MCEN 5022-001 | 19209 | Thermodynamics | MWF | 0200-0250 | ECCR 139 | Daily |
| MCEN 5027-001 | 19211 | Graduate Seminar (1 credit) | R | 0330-0445 | ECCR 1B40 | Yang |
| MCEN 5040-001 | 19212 | Meth. of Engr. Analysis 2 | TR | 1100-1215 | ECCR 151 | Qi |
| MCEN 5042-010 | 25626 25627 | Heat Transfer Rec 011 | MWF F | 1100-1150 0330-0450 | ECCR 139 ECCR 110 | Yang Yang |
| MCEN 5044-001 | 19214 | Materials Science 2: Behavior | TR | 0200-0315 | ECCR 1B51 | Lee, Se-Hee |
| MCEN 5115-010 | 23375 | Mechatronics & Robotics 1 Lab 011 (Attend Mon, Wed, and Fri.) | MW MW F | 1200-1250 0100-0150 1200-0150 | ITLL 1B50 ITLL 1B10 ITLL 1B10 | Reamon Reamon Reamon |
| MCEN 5131-001 | 23377 | Air Pollution Control Engr. | TR | 1230-0145 | RAMY N1B23 | Milford |
| MCEN 5208-001 | 19215 | Introduction to Research (2 credits) | T | 0330-0615 | ECCR 155 | Bright |
| MCEN 5228-001 | 23378 | Biomechanics | MWF | 1000-1050 | RAMY N1B23 | Ferguson |
| MCEN 5228-004 | 23379 | TPC: Materials in Medicine | TR | 1230-0145 | ECCR 150 | Tan |
| MCEN 5228-005 | 23380 | TPC: Wind Energy | TR | 0200-0315 | ECCR 150 | Pawlas |
| MCEN 5228-010 | 24735 24736 | TPC: Flow Visualization Lab 011 | MW F | 0300-0350 0300-0450 | ITLL 1B50 ITLL 1B10 | Hertzberg |
| MCEN 5228-007 | 24739 | TPC: Mechanical Materials Science | TR | 0930-1045 | ECCR 139 | Raj |
| MCEN 5228-008 | 25444 | TPC: Intro to Polymers | MWF | 0100-0150 | ECCR 139 | Ding, Yifu |
| MCEN 5248-001 | 19216 | TPC: MEMS II | MWF | 0900-0950 | RAMY N1B23 | Lee, YC |

| <u>Course Number</u> | <u>Call #</u> | <u>Course Title</u> | <u>Days</u> | <u>Time</u> |
|----------------------|---------------|-------------------------------------|-------------|-------------|
| MCEN 4115-010 | | Mechatronics & Robotics 1 | MW | 1200-1250 |
| | | Lab 011 (Attend Mon, Wed, and Fri.) | MW | 0100-0150 |
| | | | F | 0100-1250 |
| | | Lab 012 | MWF | 1100-1150 |
| 5115-010 | | Mechatronics & Robotics 1 | MW | 1200-1250 |
| | | Lab 011 (Attend Mon, Wed, and Fri.) | MWF | 0100-0150 |
| | | | F | 0100-1250 |
| | | Lab 012 | MWF | 1100-1150 |

Room**Instructor**

ITLL 1B50

Reamon

ITLL 1B10

Reamon

ITLL 1B10

Reamon

ITLL 1B10

Reamon

ITLL 1B50

Reamon

ITLL 1B10

Reamon

ITLL 1B10

Reamon

ITLL 1B10

Reamon