

| FALL 2010- MECHANICAL ENGINEERING COURSES |       |        |       |  |      |     |               |  |                          |    |                               |          |          |      |                     |          |
|---|-------|--------|-------|--|------|-----|---------------|--|--------------------------|----|-------------------------------|----------|----------|------|---------------------|----------|
| FAMU                                      | FSU   | Course | #     |  | FAMU | FSU | location code |  | Title                    | Cr | Instructor                    | BEG      | END      | Days | Room                | Bldg     |
| ME SERVICE COURSES                        |       |        |       |  |      |     |               |  |                          |    |                               |          |          |      |                     |          |
|   |       | EGM    | 3512  |  | 001  | 1   | 0             |  | Engineering Mechanics    | 4  | Civil Eng (Walsh)             | 8:10 AM  | 9:50 AM  | T R  | P415                | COEA/CEB |
|   |       | EGM    | 3512  |  | 002  | 2   | 0             |  | Engineering Mechanics    | 4  | Civil Eng (Walsh)             | 8:50 AM  | 10:30 AM | M W  | P415                | COEA/CEB |
| 4058                                      | 01330 | EML    | 3100  |  | 001  | 1   | 0             |  | Thermodynamics           | 2  | Chemical Eng Ravindran Chella | 9:40 AM  | 10:30 AM | M W  | B211                | COEB/CE2 |
| CORE UNDERGRADUATE COURSES                |       |        |       |  |      |     |               |  |                          |    |                               |          |          |      |                     |          |
| 2082                                      | 01324 | EML    | 3002C |  | C01  | 1   | 0             |  | ME Tools                 | 4  | Larson/ VanDommelen           | 8:10 AM  | 9:25 AM  | M W  | B114(A412)/<br>B135 | COEB/CE2 |
|   |       | EML    | 3002C |  | C01  | 1   |               |  | ME Tools                 |    |                               | 9:05 AM  | 11:50 AM | F    | B114(A412)          | COEB/CE2 |
| 4056                                      | 01325 | EML    | 3004C |  | C01  | 1   | 0             |  | Intro to ME              | 4  | Hruda                         | 4:15 PM  | 5:30 PM  | T R  | B135                | COEB/CE2 |
|   |       | EML    | 3004C |  | C01  | 1   |               |  | Intro to ME              |    |                               | 3:05 PM  | 5:50 PM  | W    | B114(A412)          | COEB/CE2 |
| 4720                                      | 01326 | EML    | 3012C |  | C01  | 1   | 0             |  | Mechanics & Materials II | 3  | Hruda                         | 10:15 AM | 11:30 AM | T R  | B211                | COEB/CE2 |
|   |       | EML    | 3012C |  | C01  | 1   |               |  | Mechanics & Materials II |    |                               | 9:45 AM  | 11:30 AM | W    | B217                | COEB/CE2 |
| 4718                                      | 05548 | EML    | 3012C |  | C02  | 2   | 0             |  | Mechanics & Materials II | 3  | Hruda                         | 10:15 AM | 11:30 AM | T R  | B211                | COEB/CE2 |
|   |       | EML    | 3012C |  | C02  | 2   |               |  | Mechanics & Materials II |    |                               | 12:45 PM | 2:30 PM  | W    | B217                | COEB/CE2 |
| 4716                                      | 05549 | EML    | 3012C |  | C03  | 3   | 0             |  | Mechanics & Materials II | 3  | Hruda                         | 10:15 AM | 11:30 AM | T R  | B211                | COEB/CE2 |
|   |       | EML    | 3012C |  | C03  | 3   |               |  | Mechanics & Materials II |    |                               | 11:45 AM | 1:30 PM  | T    | B217                | COEB/CE2 |
| 5258                                      | 05550 | EML    | 3012C |  | C04  | 4   | 0             |  | Mechanics & Materials II | 3  | Hruda                         | 10:15 AM | 11:30 AM | T R  | B211                | COEB/CE2 |
|   |       | EML    | 3012C |  | C04  | 4   |               |  | Mechanics & Materials II |    |                               | 11:45 AM | 1:30 PM  | R    | B217                | COEB/CE2 |
| 5862                                      | 05551 | EML    | 3012C |  | C05  | 5   | 0             |  | Mechanics & Materials II | 3  | Hruda                         | 10:15 AM | 11:30 AM | T R  | B211                | COEB/CE2 |
|   |       | EML    | 3012C |  | C05  | 5   |               |  | Mechanics & Materials II |    |                               | 1:45 PM  | 3:30 PM  | T    | B217                | COEB/CE2 |
| 5864                                      | 05552 | EML    | 3012C |  | C06  | 6   | 0             |  | Mechanics & Materials II | 3  | Hruda                         | 10:15 AM | 11:30 AM | T R  | B211                | COEB/CE2 |
|   |       | EML    | 3012C |  | C06  | 6   |               |  | Mechanics & Materials II |    |                               | 1:45 PM  | 3:30 PM  | R    | B217                | COEB/CE2 |
| 5866                                      | 05553 | EML    | 3012C |  | C07  | 7   | 0             |  | Mechanics & Materials II | 3  | Hruda                         | 10:15 AM | 11:30 AM | T R  | B211                | COEB/CE2 |
|   |       | EML    | 3012C |  | C07  | 7   |               |  | Mechanics & Materials II |    |                               | TBA      |          |      | B217                | COEB/CE2 |
| 7268                                      | 01327 | EML    | 3014C |  | C01  | 1   |               |  | Dynamic Systems II       | 3  | Clark                         | 8:45 AM  | 10:00 AM | T R  | B211                | COEB/CE2 |

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|---|-------|--------|-------|-----------|------|-------|---------------|-----------------|--|-----|-----------------|------------|------------|-------|-----------|----------|
| FAMU                                      | FSU   | Course | #     |           | FAMU | FSU   | location code |                 | Title  | Cr  | Instructor      | BEG        | END        | Days  | Room      | Bldg     |
| 5878                                      | 01328 | EML    | 3015C |           | C01  | 1     | 0             |                 | Thermal-Fluids I                                     | 4   | Ordonez         | 11:50 AM   | 12:40 PM   | M W F | B211/P415 | COEB/CE2 |
|   |       | EML    | 3015C |           | C01  | 1     |               |                 | Thermal-Fluids I                                     |     |                 | 2:00 PM    | 4:45 PM    | F     | B114/P412 | COEB/CE2 |
| 6702                                      | 01329 | EML    | 3017C |           | C01  | 1     | 0             |                 | Mechanical Systems I                                 | 4   | Moore           | 8:35 AM    | 9:25 AM    | M W F | P414      | COEA/CEB |
|   |       | EML    | 3017C |           | C01  | 1     |               |                 | Mechanical Systems I                                 |     |                 | 3:00 PM    | 6:00 PM    | M     | B114      | COEB/CE2 |
| 8302                                      | 05554 | EML    | 3017C |           | C02  | 2     | 0             |                 | Mechanical Systems I                                 | 4   | Moore           | 8:35 AM    | 9:25 AM    | M W F | P414      | COEA/CEB |
|   |       | EML    | 3017C |           | C02  | 2     |               |                 | Mechanical Systems I                                 |     |                 | 3:00 PM    | 6:00 PM    | M     |           |          |
| 1572                                      | 01331 | EML    | 3234  |           | 301  | 1     | 0             |                 | Material Science & Engineering                       | 3   | Larbaletstier   | 1:35 PM    | 2:50 PM    | MW    | B135      | COEB/CE2 |
| 5288                                      | 09549 | EML    | 3811  | EML4930-5 |      |       | 0             |                 | Mechatronics I                                       | 1-2 | Chuy/Collins    | 12:55 PM   | 1:45 PM    | F     | B135      | COEB/CE2 |
|   |       | EML    | 3811  | EML4930-5 |      |       |               |                 | Mechatronics I                                       |     |                 | 2:45 PM    | 5:30 PM    | T     | B324      | COEB/CE2 |
| 5912                                      | 09550 | EML    | 3811  | EML4930-6 |      |       | 0             |                 | Mechatronics I                                       | 1-2 | Chuy/Collins    | 12:55 PM   | 1:45 PM    | F     | B135      | COEB/CE2 |
|   |       | EML    | 3811  | EML4930-6 |      |       |               |                 | Mechatronics I                                       |     |                 | 5:45 PM    | 8:30 PM    | T     | B324      | COEB/CE2 |
| 6308                                      | 09551 | EML    | 3811  | EML4930-7 |      |       | 0             |                 | Mechatronics I                                       | 1-2 | Chuy/Collins    | 12:55 PM   | 1:45 PM    | F     | B135      | COEB/CE2 |
|   |       |        |       | EML4930-7 |      |       |               |                 | Mechatronics I                                       |     |                 | 3:45 PM    | 6:30 PM    | W     | B324      | COEB/CE2 |
| 4336                                      | 01339 | EML    | 4551C |           | 301  | 1     | 0             |                 | Senior Design I                                      | 3   | Hovsapien       | 2:45 PM    | 5:30 PM    | T R   | B211      | COEB/CE2 |
|   |       | EML    | 4552C | EML4930-8 | 301  | 1     | 0             |                 | Senior Design II                                     | 3   | Hovsapien       |            |            |       |           |          |
|   |       | EML    | 4700  |           |      | 1,2,3 | 0             |                 | Honors Work  | 3   | TBA             |            |            |       |           |          |
|   | 04432 | STA    | 3032  |           |      | 1     | 0             |                 | App Stat for Eng/Sci                                 | 3   | Chicken         | 2:00 PM    | 3:15 PM    | T R   | 301       | MCH      |
| BSMS COURSE                               |       |        |       |           |      |       |               |                 |  |     |                 |            |            |       |           |          |
| 9175                                      | 09552 | EML    |       | 5930-3    |      |       |               |                 | Graduate Design Project I                            | 1-5 | Shih            | TBA        |            |       |           |          |
| CORE GRADUATE COURSES                     |       |        |       |           |      |       |               |                 |  |     |                 |            |            |       |           |          |
| 1554                                      | 01345 | EML    | 5060  |           | 301  | 1     | 0             |                 | Analysis in Mechanical Engineering (Part I) M        | 3   | Van Dommelen    | 11:50 AM   | 12:40 PM   | M W F | A235      | COEA/CEB |
| 4764                                      | 01346 | EML    | 5152  |           | 301  | 1     | 0             | FMBHT           | Fundamentals of Heat Transfer                        | 3   | Lourenco        | 2:00 PM    | 3:15 PM    | M W   | A235      | COEA/CEB |
| 1944                                      | 01347 | EML    | 5311  |           | 301  | 1     | 0             | D&C             | Dsgn Anal Ctrl System M                              | 3   | Collins         | 10:15 AM   | 11:30 AM   | T R   | P414      | COEA/CEB |
| 4944                                      | 01350 | EML    | 5709  |           | 301  | 1     | 0             | FMBHT           | Fluid Mechanic Principles with Selected Applications | 3   | Van Dommelen    | 12:55 PM   | 1:45 PM    | M W F | A125      | COEA/CEB |
| 1942                                      | 01356 | EML    | 5935  |           | 301  | 1     | 0             |                 | Seminar M  | 0   | Englander/Clark | 4:15 PM    | 5:15 PM    | T     | A226      | COEA/CEB |
|   | 09639 | EML    | 5935  |           |      | 2     | 0             | overflow ONLINE | Seminar M  | 0   | Englander/Clark | 4:15 PM ET | 5:15 PM ET | T     | DISTANCE  |          |

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| FAMU                                      | FSU   | Course | #    |             | FAMU | FSU | location code |        | Title   | Cr | Instructor                    | BEG      | END      | Days  | Room | Bldg     |
| <b>UG TECHNICAL ELECTIVES</b>             |       |        |      |             |      |     |               |        |   |    |                               |          |          |       |      |          |
| 4714                                      | 01310 | EMA    | 4225 |             | 301  | 1   | 0             | SM&M   | Mechanical Metallurgy <i>M</i>                        | 3  | Kalu                          | 11:45 AM | 1:00 AM  | T R   | A226 | COEA/CEB |
| 9179                                      | 05555 | EML    | 4288 | EML4930-608 | 608  | 1   | 0             | D&C    | Vehicle Design <i>M</i>                               | 3  | Hollis                        | 12:55 PM | 1:45 PM  | M W   | A105 | COEA/CEB |
|   | 05555 | EML    | 4288 |             | 301  | 1   | 0             | D&C    | Vehicle Design <i>M</i>                               | 3  | Hollis                        | 12:55 PM | 1:45 PM  | F     | B114 | COEB/CE2 |
| 1946                                      | 01333 | EML    | 4312 |             | 301  | 1   | 0             | D&C    | Dsgn Anal Ctrl System <i>M</i>                        | 3  | Collins                       | 10:15 AM | 11:30 AM | T R   | P414 | COEA/CEB |
| 3680                                      | 01335 | EML    | 4450 |             | 301  | 1   | 0             | FME&HT | Energy Conversion Systems for Sustainability <i>M</i> | 3  | Krothapalli/ Shih/ Fakhari    | 10:15 AM | 11:30 AM | T R   | A226 | COEA/CEB |
| 4760                                      | 01336 | EML    | 4512 |             | 301  | 1   | 0             | FME&HT | Thermal Fluid Design                                  | 3  | Dr. Dogan Celik/ (Van Sciver) | 8:45 AM  | 10:00 AM | T R   | A125 | COEA/CEB |
| 5320                                      | 01337 | EML    | 4536 |             | 301  | 1   | 0             | SM&M   | Design using FEM <i>M</i>                             | 3  | Oates                         | 1:15 PM  | 2:30 PM  | T R   | B114 | COEB/CE2 |
| 1474                                      | 01338 | EML    | 4542 |             | 301  | 1   | 0             | SM&M   | Materials Selection in Design                         | 3  | Hellstrom                     | 2:00 PM  | 3:15 PM  | M W   | B210 | COEB/CE2 |
| 4762                                      | 01340 | EML    | 4711 |             | 301  | 1   | 0             | FME&HT | Intro to Gas Dynamics <i>M</i>                        | 3  | Alvi                          | 10:20 AM | 11:35 AM | M W   | B135 | COEA/CEB |
| 9172                                      | 09636 | EML    | 4830 |             | 301  | 1   | 0             | D&C    | Intro Mobile Robotics <i>M</i>                        | 3  | Clark/ Collins                | 1:15 PM  | 2:30 PM  | T R   | A125 | COEA/CEB |
| 5286                                      | 01343 | EML    | 4930 |             | 601  | 1   | 0             |        | Analysis in Mechanical Engineering (Part I) <i>M</i>  | 3  | Van Dommelen                  | 11:50 AM | 12:40 PM | M W F | A235 | COEA/CEB |
| 6704                                      | 09545 | EML    | 4930 |             | 602  | 2   | 0             | SM&M   | Intro to Micro & Nano Scale Engineering <i>M</i>      | 3  | Englander                     | 9:00 AM  | 10:15 AM | M W   | A223 | COEA/CEB |
| 1990                                      | 09546 | EML    | 4930 |             | 603  | 3   | 0             | D&C    | Machine Design  | 3  | Hollis                        | 9:40 AM  | 10:30 AM | M W F | P414 | COEA/CEB |
| 5284                                      | 09547 | EML    | 4930 |             | 604  | 4   | 0             |        | Presentations for Engineers ( First 10 weeks)         | 1  | Hellstrom                     | 12:55 PM | 1:45 PM  | M W   | A105 | COEA/CEB |
| <b>GRAD MAJOR DEPTH COURSES</b>           |       |        |      |             |      |     |               |        |   |    |                               |          |          |       |      |          |
| 4712                                      | 01312 | EMA    | 5226 |             | 301  | 1   | 0             | SM&M   | Mechanical Metallurgy <i>M</i>                        | 3  | Kalu                          | 11:45 AM | 1:00 PM  | T R   | A226 | COEA/CEB |
| 5334                                      | 01348 | EML    | 5451 |             | 301  | 1   | 0             | FME&HT | Energy Conversion Systems for Sustainability <i>M</i> | 3  | Krothapalli/ Shih/ Fakhari    | 10:15 AM | 11:30 AM | T R   | A226 | COEA/CEB |
| 8250                                      | 01349 | EML    | 5537 |             | 301  | 1   | 0             | SM&M   | Design using FEM <i>M</i>                             | 3  | Oates                         | 1:15 PM  | 2:30 PM  | T R   | B114 | COEB/CE2 |
| 4944                                      | 01351 | EML    | 5710 |             | 301  | 1   | 0             | FME&HT | Intro to Gas Dynamics <i>M</i>                        | 3  | Alvi                          | 10:20 AM | 11:35 AM | M W   | B135 | COEA/CEB |
| 9176                                      | 09637 | EML    | 5831 |             | 301  | 1   | 0             | D&C    | Intro Mobile Robotics <i>M</i>                        | 3  | Clark/ Collins                | 1:15 PM  | 2:30 PM  | T R   | A125 | COEA/CEB |
| 9173                                      | 01355 | EML    | 5930 |             | 601  | 1   | 0             | D&C    | Vehicle Design <i>M</i>                               | 3  | Hollis                        | 12:55 PM | 1:45 PM  | M W   | A105 | COEA/CEB |
|   |       | EML    | 5930 |             | 601  | 1   | 0             | D&C    | Vehicle Design <i>M</i>                               | 3  | Hollis                        | 12:55 PM | 1:45 PM  | F     | B114 | COEB/CE2 |
| 9174                                      | 09548 | EML    | 5930 |             | 602  | 2   | 0             | SM&M   | Intro to Micro & Nano Scale Engineering <i>M</i>      | 3  | Englander                     | 9:00 AM  | 10:15 AM | M W   | A223 | COEA/CEB |

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|---|-------|--------|------|--------------------|-------|-----|---------------|--|----------------------|------|------------|-----|-----|------|------|------|
| FAMU  | FSU   | Course | #    |                    | FAMU  | FSU | location code |  | Title                | Cr   | Instructor | BEG | END | Days | Room | Bldg |
| Contact (Graduate Studies Program Assistant) George Green to add sections as needed for the following courses |       |        |      |                    |       |     |               |  |                      |      |            |     |     |      |      |      |
| 1340  | 01342 | EML    | 4905 |                    | 601 - | 1 - |               |  | DIS                  | 1-3  | TBA        |     |     |      |      |      |
| 5920  | 01353 | EML    | 5905 |                    | 601 - | 1 - |               |  | DIS                  | 1-6  | TBA        |     |     |      |      |      |
| 2802  | 01354 | EML    | 5910 |                    | 601 - | 1 - |               |  | SUPERVISED RESEARCH  | 1-5  | TBA        |     |     |      |      |      |
| 1992  | 01357 | EML    | 5971 |                    | 601 - | 1 - |               |  | THESIS               | 3-6  | TBA        |     |     |      |      |      |
| 1994  | 01358 | EML    | 6980 |                    | 601 - | 1 - |               |  | DISSERTATION         | 1-12 | TBA        |     |     |      |      |      |
|   |       | EML    | 8968 | Dept<br>Permission | 301   | 1   |               |  | Preliminary Doc Exam | 0    | Alvi       |     |     |      |      |      |
|   |       | EML    | 8976 | Dept<br>Permission | 301   | 1   |               |  | Masters Thesis Def   | 0    | Alvi       |     |     |      |      |      |
|   |       | EML    | 8985 | Dept<br>Permission | 301   | 1   |               |  | Dissertation Def     | 0    | Alvi       |     |     |      |      |      |