





DATE: 04-09-2018  
 TIME: 20:10:33

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 K  
 PAGE: 1,286

COLLEGE : J - Engineering  
 DEPARTMENT: MECHANICAL ENGR

| CURRIC NUM | COURSE TITLE  | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D D S H F   |     |       |       | V L E E W |           |               |               | RESPONS COURSE | JOINT COURSES | O M I T         |   |
|------------|---|---------------------|-----------------|--|-----|-------|-------|-----------|-----------|---------------|---------------|----------------|---------------|-----------------|---|
|            |   |                     |                 | -ALL U   | GRD | E     | U N E | P         | N C M S N | A S W T P R G | A S W T P R G |                |               |                 |   |
| M E 404    | THEORY OF WELDING<br>THEORY OF WELDING  | WIN/1970 - AUT/9999 | 3.0             | .  | .   | .     | .     | .         | .         | .             | .             | .              | .             | .               | . |
|            |   |                     |                 | LAST UPDT: 7/22/09   |     |       |       |           |           |               |               |                |               |                 |   |
| M E 405    | INT PLASTIC FORMING<br>INTRODUCTION TO PLASTIC METAL FORMING                            | SPR/1980 - AUT/9999 | 3.0             | .  | .   | .     | .     | .         | .         | .             | .             | .              | .             | .               | . |
|            |   |                     |                 | LAST UPDT:10/20/06 APPROVED: 6/07/79   |     |       |       |           |           |               |               |                |               |                 |   |
| M E 406    | CORR&SURF TRT MTRLS<br>Corrosion and Surface Treatment of Materials                     | WIN/1976 - AUT/9999 | 3.0             | .  | .   | .     | .     | .         | .         | .             | .             | .              | .             | .               | . |
|            | COMMENT:CHG DESC  |                     |                 | LAST UPDT:10/20/06   |     |       |       |           |           |               |               |                |               |                 |   |
| M E 409    | NUM CONTROL & CAM<br>Introduction to Numerical Control and Computer-Aided Manufacturing | SPR/2002 - AUT/9999 | 3.0             | .  | .   | .     | .     | .         | .         | .             | .             | .              | .             | .               | . |
|            | COMMENT:GENCAT REVIEW PREREQ CHANGE   |                     |                 | LAST UPDT: 8/14/12 APPROVED: 3/19/87<br>FEE TYPE:1 \$35.00 BUDGET:069397 REV OBJ CD:943081 |     |       |       |           |           |               |               |                |               |                 |   |
| M E 410    | NANODEVICES<br>Nanodevices: Design and Manufacture                                      | SPR/2012 - AUT/9999 | 3.0             | .  | .   | .     | .     | .         | .         | .             | .             | .              | .             | .               | . |
|            |   |                     |                 | LAST UPDT: 3/27/18 APPROVED: 1/17/12<br>FEE TYPE:1 \$30.00 BUDGET:069397 REV OBJ CD:943081 |     |       |       |           |           |               |               |                |               |                 |   |
| M E 411    | BIOFRAMEWORKS<br>Biological Frameworks for Engineers                                    | SPR/2012 - AUT/9999 | 3.0             | .  | .   | .     | .     | .         | .         | .             | .             | .              | .             | .               | . |
|            |   |                     |                 | LAST UPDT: 2/29/12 APPROVED: 2/28/12   |     |       |       |           |           |               |               |                |               |                 |   |
| M E 412    | BIOMECH MOVEMENT<br>Biomechanics of Movement  | WIN/2018 - AUT/9999 | 3.0             | .  | .   | .     | .     | .         | .         | .             | .             | .              | .             | .               | . |
|            |   |                     |                 | LAST UPDT:11/01/17 APPROVED:10/18/16   |     |       |       |           |           |               |               |                |               |                 |   |
| M E 414    | ENG INNOV MED<br>Engineering Innovation and Medicine                                    | AUT/2016 - AUT/9999 | 3.0             | .  | .   | .     | .     | .         | .         | .             | .             | .              | .             | .               | . |
|            |   |                     |                 | LAST UPDT: 5/12/17 APPROVED: 6/07/16   |     |       |       |           |           |               |               |                |               |                 |   |
| M E 415    | DESIGN FOR ENVIR<br>Sustainability and Design for Environment                           | AUT/2009 - AUT/9999 | 3.0             | .  | .   | .     | .     | .         | .         | .             | .             | .              | .             | M E 415 CEE 495 | . |
|            | COMMENT:CHG JT STATUS   |                     |                 | LAST UPDT: 8/12/09 APPROVED: 5/21/01 ENVIR 415   |     |       |       |           |           |               |               |                |               |                 |   |
| M E 419    | BIOMECH SEMINAR<br>Biomechanics Seminar   | WIN/2018 - AUT/9999 | 1.0             | 4.0  | .   | CR/NC | .     | .         | .         | .             | .             | .              | .             | .               | . |
|            |   |                     |                 | LAST UPDT:12/04/17 APPROVED:10/17/17   |     |       |       |           |           |               |               |                |               |                 |   |

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COLLEGE : J - Engineering  
 DEPARTMENT: MECHANICAL ENGR

| CURRIC NUM | COURSE TITLE   | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D   |     | D | S H F |   |   | V | L | E | W | RESPONS COURSE | JOINT COURSES | O M I T |
|------------|--|---------------------|-----------------|--|-----|---|-------|---|---|---|---|---|---|----------------|---------------|---------|
|            |  |                     |                 | -ALL U   | GRD |   | U     | E | U |   |   |   |   |                |               |         |
| M E 424    | COMBUSTION SYSTEMS<br>COMBUSTION SYSTEMS AND POLLUTANT FORMATION | AUT/1997 - AUT/9999 | 4.0             | .  | .   | . | .     | Y | . | . | . | . | . | .              | .             | .       |
|            | COMMENT:CHANGE DESCRIPTION                                       |                     |                 | LAST UPDT: 8/14/12 APPROVED:11/20/80<br>FEE TYPE:1 \$30.00 BUDGET:069397 REV OBJ CD:943081 |     |   |       |   |   |   |   |   |   |                |               |         |
| M E 425    | HVAC<br>HVAC Engineering   | SPR/2000 - AUT/9999 | 4.0             | .  | .   | . | .     | Y | . | . | . | . | . | .              | .             | .       |
|            | COMMENT:CHANGE TITLES, DESCRIP                                   |                     |                 | LAST UPDT: 8/14/12<br>FEE TYPE:1 \$25.00 BUDGET:069397 REV OBJ CD:943081                   |     |   |       |   |   |   |   |   |   |                |               |         |
| M E 426    | RENEWABLE ENERGY II<br>Renewable Energy II                       | SPR/2016 - AUT/9999 | 3.0             | .  | .   | . | .     | . | . | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 7/23/15 APPROVED:11/20/80   |     |   |       |   |   |   |   |   |   |                |               |         |
| M E 428    | NOISE CONTROL<br>NOISE CONTROL                                   | WIN/1974 - AUT/9999 | 3.0             | .  | .   | . | .     | . | . | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT:10/20/06 APPROVED: 4/12/73   |     |   |       |   |   |   |   |   |   |                |               |         |
| M E 430    | ENERGY CONVERSION<br>Advanced Energy Conversion Systems          | SPR/1998 - AUT/9999 | 4.0             | .  | .   | . | .     | . | . | . | . | . | . | .              | .             | .       |
|            | COMMENT:CHANGE DESCRP, PREREQUISITES                             |                     |                 | LAST UPDT:10/20/06 APPROVED: 6/28/73   |     |   |       |   |   |   |   |   |   |                |               |         |
| M E 431    | ADV FL MECH<br>Advanced Fluid Mechanics                          | WIN/1987 - AUT/9999 | 4.0             | .  | .   | . | .     | . | . | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT:10/20/06 APPROVED: 3/20/86   |     |   |       |   |   |   |   |   |   |                |               |         |
| M E 432    | GAS DYNAMICS<br>GAS DYNAMICS                                     | AUT/1975 - AUT/9999 | 3.0             | .  | .   | . | .     | . | . | . | . | . | . | .              | .             | .       |
|            | COMMENT:CHG TITLES   |                     |                 | LAST UPDT:10/20/06   |     |   |       |   |   |   |   |   |   |                |               |         |
| M E 433    | TURBOMACHINERY<br>Turbomachinery                                 | SPR/1998 - AUT/9999 | 4.0             | .  | .   | . | .     | . | . | . | . | . | . | .              | .             | .       |
|            | COMMENT:CHANGE PREREQ, DESCRIP                                   |                     |                 | LAST UPDT:10/20/06 APPROVED:10/12/72   |     |   |       |   |   |   |   |   |   |                |               |         |
| M E 434    | ADV MECH ENGR LAB<br>ADVANCED MECHANICAL ENGINEERING LABORATORY  | SPR/1980 - AUT/9999 | 3.0             | .  | .   | . | .     | . | . | . | . | . | . | .              | .             | .       |
|            | COMMENT:CHG DESC   |                     |                 | LAST UPDT:10/20/06   |     |   |       |   |   |   |   |   |   |                |               |         |





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 DEPARTMENT: MECHANICAL ENGR

| CURRIC NUM | COURSE TITLE   | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D   |     | D | S H F |   |   | V | E E W |   |                     | RESPONS COURSE | JOINT COURSES | O M I T |
|------------|--|---------------------|-----------------|--|-----|---|-------|---|---|---|-------|---|---------------------|----------------|---------------|---------|
|            |  |                     |                 | -ALL U   | GRD |   | U     | N | E |   | P & N | C | M                   |                |               |         |
| M E 485    | ELECTRNC PACKAGING<br>Introduction to Electronic Packaging and Materials | WIN/1997 - AUT/9999 | 3.0             | .  | .   | . | .     | Y | . | . | .     | . | M E 485 MSE 485     | .              | .             |         |
|            |  |                     |                 | LAST UPDT: 8/14/12 APPROVED: 4/29/96<br>FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081                               |     |   |       |   |   |   |       |   |                     |                |               |         |
| M E 487    | ELECT PKG LAB<br>Laboratory in Electronic Packaging and Materials        | WIN/2000 - AUT/9999 | 1.0             | .  | .   | . | .     | Y | . | . | .     | . | M E 487 MSE 487     | .              | .             |         |
|            |  |                     |                 | LAST UPDT: 8/14/12 APPROVED: 2/03/99<br>FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081                               |     |   |       |   |   |   |       |   |                     |                |               |         |
| M E 490    | NAVAL ARCHITECTURE<br>NAVAL ARCHITECTURE                                 | WIN/1988 - AUT/9999 | 3.0             | .  | .   | . | .     | . | . | . | .     | . | .                   | .              | .             |         |
|            |  |                     |                 | LAST UPDT: 2/07/14 APPROVED:12/01/87   |     |   |       |   |   |   |       |   |                     |                |               |         |
| M E 491    | NAVAL ARCHITECTURE<br>NAVAL ARCHITECTURE                                 | SPR/1988 - AUT/9999 | 3.0             | .  | .   | . | .     | . | . | . | .     | . | .                   | .              | .             |         |
|            |  |                     |                 | LAST UPDT: 4/22/16   |     |   |       |   |   |   |       |   |                     |                |               |         |
|            |  |                     |                 | COMMENT:DROP JT  |     |   |       |   |   |   |       |   |                     |                |               |         |
| M E 492    | NAVAL ARCHITECTURE<br>NAVAL ARCHITECTURE                                 | WIN/1988 - AUT/9999 | 3.0             | .  | .   | . | .     | . | . | . | .     | . | .                   | .              | .             |         |
|            |  |                     |                 | LAST UPDT: 2/07/14   |     |   |       |   |   |   |       |   |                     |                |               |         |
|            |  |                     |                 | COMMENT:DROP JT  |     |   |       |   |   |   |       |   |                     |                |               |         |
| M E 494    | MECHATRONICS PREP<br>Mechatronics Design Preparation                     | SPR/2012 - AUT/9999 | 1.0             | .  | .   | . | .     | . | . | . | .     | . | .                   | .              | .             |         |
|            |  |                     |                 | LAST UPDT: 1/03/12 APPROVED:12/20/11   |     |   |       |   |   |   |       |   |                     |                |               |         |
| M E 495    | MECH ENGR DESIGN<br>Mechanical Engineering Design                        | AUT/1986 - AUT/9999 | 4.0             | .  | .   | . | .     | Y | . | . | .     | . | .                   | .              | .             |         |
|            |  |                     |                 | LAST UPDT: 8/14/12 APPROVED: 5/06/71<br>FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081<br>COMMENT:CHG CREDITS, PREQS |     |   |       |   |   |   |       |   |                     |                |               |         |
| M E 496    | TECH-BASED ENTREPRE<br>Technology-Based Entrepreneurship                 | SPR/2013 - AUT/9999 | 3.0             | .  | .   | . | .     | . | . | . | .     | . | IND E 496 IND E 496 | .              | .             |         |
|            |  |                     |                 | LAST UPDT: 2/14/13 APPROVED: 1/24/96   |     |   |       |   |   |   |       |   |                     |                |               |         |
|            |  |                     |                 | COMMENT:EMAIL PREQ CHG   |     |   |       |   |   |   |       |   |                     |                |               |         |
| M E 498    | SPEC TPCS MECH ENGR<br>Special Topics in Mechanical Engineering          | AUT/1972 - AUT/9999 | 1.0-05.0        | 6.0  | Y   | . | .     | Y | . | . | .     | . | .                   | .              | .             |         |
|            |  |                     |                 | LAST UPDT: 8/14/12 APPROVED: 4/27/72<br>FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081                               |     |   |       |   |   |   |       |   |                     |                |               |         |

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 DEPARTMENT: MECHANICAL ENGR

| CURRIC NUM | COURSE TITLE   | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D   |   | D | S H F |   |   | V L E E W |   |   |   |   | RESPONS COURSE | JOINT COURSES | O M I T |   |
|------------|--|---------------------|-----------------|--|---|---|-------|---|---|-----------|---|---|---|---|----------------|---------------|---------|---|
|            |  |                     |                 | -ALL   | U |   | GRD   | E | U | N         | E | P | & | N |                |               |         | C |
| M E 499    | SPECIAL PROJECTS<br>Special Projects                                 | SPR/2018 - AUT/9999 | 1.0-05.0        | 6.0  | Y | . | .     | . | Y | .         | . | . | . | . | .              | .             | .       | . |
|            |  |                     |                 | LAST UPDT: 1/25/18<br>FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081 |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
| M E 500    | ADV COMPOSITE STRUC<br>Advanced Composite Structural Analysis        | SPR/2012 - AUT/9999 | 3.0             | .  | . | . | .     | . | . | .         | . | . | . | . | A A            | 535 A A       | 535     | . |
|            |  |                     |                 | LAST UPDT: 2/29/12 APPROVED: 2/28/12                                     |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
| M E 501    | MFG PROCESSES<br>Modern Manufacturing Processes                      | AUT/1999 - AUT/9999 | 3.0             | .  | . | . | .     | . | . | .         | . | . | . | . | .              | .             | .       | . |
|            |  |                     |                 | LAST UPDT: 2/08/99 APPROVED: 2/03/99                                     |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
| M E 502    | PLAST AND MET FORM<br>PLASTICITY AND METAL FORMING                   | SPR/1992 - AUT/9999 | 3.0             | .  | . | . | .     | . | . | .         | . | . | . | . | .              | .             | .       | . |
|            |  |                     |                 | LAST UPDT:10/23/06   |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
|            |  |                     |                 | COMMENT:CHG TITLES, PREQ   |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
| M E 503    | CONTINUUM MECH<br>Continuum Mechanics                                | AUT/2009 - AUT/9999 | 3.0             | .  | . | . | .     | . | . | .         | . | . | . | . | A A            | 503 A A       | 503     | . |
|            |  |                     |                 | LAST UPDT: 4/20/09 APPROVED: 4/21/09                                     |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
|            |  |                     |                 | COMMENT:ADD JT WITH A A 503  |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
| M E 504    | INTRO TO MEMS<br>Introduction to Microelectro Mechanical Systems     | SPR/2017 - AUT/9999 | 4.0             | .  | . | . | .     | . | . | .         | . | . | . | . | E E            | 504 MSE       | 504     | . |
|            |  |                     |                 | LAST UPDT:12/16/16 APPROVED: 9/20/99                                     |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
|            |  |                     |                 | E E 504  |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
| M E 507    | INCOMP FLUID MECH<br>Incompressible Fluid Mechanics                  | SPR/2018 - AUT/9999 | 3.0             | .  | . | . | .     | . | . | .         | . | . | . | . | A A            | 507 A A       | 507     | . |
|            |  |                     |                 | LAST UPDT:10/18/17   |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
| M E 508    | MEASUREMENT SYSTEMS<br>Theory and Design for Mechanical Measurements | WIN/2005 - AUT/9999 | 3.0             | .  | . | . | .     | . | . | .         | . | . | . | . | .              | .             | .       | . |
|            |  |                     |                 | LAST UPDT:11/24/04 APPROVED:11/23/04                                     |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
| M E 510    | MATH FOUND SYST THR<br>Mathematical Foundations of Systems Theory    | AUT/2014 - AUT/9999 | 4.0             | .  | . | . | .     | . | . | .         | . | . | . | . | E E            | 510 A A       | 510     | . |
|            |  |                     |                 | LAST UPDT: 7/31/14 APPROVED:10/24/91                                     |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
|            |  |                     |                 | COMMENT:14-16 PREQ CHG   |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
|            |  |                     |                 | E E 510  |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
|            |  |                     |                 | CHEM E 510   |   |   |       |   |   |           |   |   |   |   |                |               |         |   |
| M E 511    | BIOFRAMEWORKS<br>Biological Frameworks for Engineers                 | SPR/2012 - AUT/9999 | 3.0             | .  | . | . | .     | . | . | .         | . | . | . | . | .              | .             | .       | . |
|            |  |                     |                 | LAST UPDT: 2/29/12 APPROVED: 2/28/12                                     |   |   |       |   |   |           |   |   |   |   |                |               |         |   |



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| CURRIC NUM | COURSE TITLE  | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D                                 |   | D                 | S H F |    |   | V L E E W |   |   |   |         | RESPONS COURSE | JOINT COURSES | O M I T |
|------------|---|---------------------|-----------------|--|---|-------------------|-------|----|---|-----------|---|---|---|---------|----------------|---------------|---------|
|            |   |                     |                 | -ALL                                   | U |                   | GRD   | E  | U | N         | E | P | & | N       |                |               |         |
| M E 512    | BIOMECH MOVEMENT<br>Biomechanics of Movement                          | WIN/2018 - AUT/9999 | 3.0             | .                                      | . | .                 | .     | .  | . | .         | . | . | . | .       | .              | .             | .       |
|            |   |                     |                 | LAST UPDT:11/01/17                     |   | APPROVED:10/18/16 |       |    |   |           |   |   |   |         |                |               |         |
| M E 515    | LIFE CYCLE ASSESS<br>Life Cycle Assessment                            | AUT/2008 - AUT/9999 | 3.0             | .                                      | . | .                 | .     | .  | . | .         | . | . | . | .       | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 3/19/08                     |   | APPROVED: 3/18/08 |       |    |   |           |   |   |   |         |                |               |         |
| M E 516    | ADV MFG ENERGY TECH<br>Advanced Manufacturing and Energy Technologies | SPR/2018 - AUT/9999 | 3.0             | .                                      | . | .                 | .     | .  | . | .         | . | . | . | .       | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 2/23/18                     |   | APPROVED:12/19/17 |       |    |   |           |   |   |   |         |                |               |         |
| M E 518    | SEMINAR IN MFG MGMT<br>SEMINARS IN MANUFACTURING AND MANAGEMENT       | AUT/1999 - AUT/9999 | 1.0             | .                                      | . | .                 | .     | .  | . | .         | . | . | . | M E 518 | IND E 518      | .             | .       |
|            |   |                     |                 | LAST UPDT:10/23/06                     |   |                   |       |    |   |           |   |   |   |         |                |               |         |
|            |   |                     |                 | COMMENT:CHANGE TITLE CRDTS DESCP HYPH  |   |                   |       |    |   |           |   |   |   |         |                |               |         |
| M E 519    | BIOMECH SEMINAR<br>Biomechanics Seminar                               | WIN/2018 - AUT/9999 | 1.0             | 4.0                                    | . | CR/NC             | .     | .  | . | .         | . | . | . | .       | .              | .             | .       |
|            |   |                     |                 | LAST UPDT:12/04/17                     |   | APPROVED:10/17/17 |       |    |   |           |   |   |   |         |                |               |         |
| M E 520    | SEMINAR<br>Seminar  | AUT/1999 - AUT/9999 | 1.0             | 6.0                                    | Y | CR/NC             | .     | 22 | . | .         | . | . | . | .       | .              | .             | .       |
|            |   |                     |                 | LAST UPDT:10/23/06                     |   |                   |       |    |   |           |   |   |   |         |                |               |         |
|            |   |                     |                 | COMMENT:DROPPED 518 FROM HYPHEN SERIES |   |                   |       |    |   |           |   |   |   |         |                |               |         |
| M E 521    | THERMODYNAMICS<br>Thermodynamics                                      | AUT/1975 - AUT/9999 | 3.0             | .                                      | . | .                 | .     | .  | . | .         | . | . | . | .       | .              | .             | .       |
|            |   |                     |                 | LAST UPDT:10/23/06                     |   |                   |       |    |   |           |   |   |   |         |                |               |         |
|            |   |                     |                 | COMMENT:CHG TITLES                     |   |                   |       |    |   |           |   |   |   |         |                |               |         |
| M E 522    | THERMODYNAMICS<br>Thermodynamics                                      | SPR/1994 - AUT/9999 | 3.0             | .                                      | . | .                 | .     | .  | . | .         | . | . | . | .       | .              | .             | .       |
|            |   |                     |                 | LAST UPDT:10/23/06                     |   |                   |       |    |   |           |   |   |   |         |                |               |         |
|            |   |                     |                 | COMMENT:CHANGE DESCRIPTION             |   |                   |       |    |   |           |   |   |   |         |                |               |         |
| M E 523    | ENERGY ENVIR SEMINAR<br>Energy and Environment Seminar                | AUT/2000 - AUT/9999 | 1.0             | 20.0                                   | . | CR/NC             | .     | .  | . | .         | . | . | . | .       | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 3/15/00                     |   | APPROVED: 2/28/94 |       |    |   |           |   |   |   |         |                |               |         |
|            |   |                     |                 | COMMENT:CHG DESCRIPT, TITLES           |   |                   |       |    |   |           |   |   |   |         |                |               |         |
| M E 524    | COMBUSTION<br>Combustion  | SPR/1971 - AUT/9999 | 3.0             | .                                      | . | .                 | .     | .  | . | .         | . | . | . | .       | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 0/00/00                     |   |                   |       |    |   |           |   |   |   |         |                |               |         |





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 PAGE: 1,295

COLLEGE : J - Engineering  
 DEPARTMENT: MECHANICAL ENGR

| CURRIC NUM                             | COURSE TITLE   | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D             |   | D                 | S H F |     |   | V L E E W |   |   |   |     | RESPONS COURSE | JOINT COURSES | O M I T |
|--|--|---------------------|-----------------|--------------------|---|-------------------|-------|-----|---|-----------|---|---|---|-----|----------------|---------------|---------|
|  |  |                     |                 | -ALL               | U |                   | GRD   | E   | U | N         | E | P | & | N   |                |               |         |
| M E                                    | 546 MICRO HEAT TRANSFER<br>Micro-Scale Heat Transfer             | SPR/2012 - AUT/9999 | 3.0             | .                  | . | .                 | .     | .   | . | .         | . | . | . | .   | .              | .             | .       |
|  |  |                     |                 | LAST UPDT:11/29/12 |   | APPROVED:12/20/11 |       |     |   |           |   |   |   |     |                |               |         |
| M E                                    | 547 LINEAR SYSTEMS<br>Linear Systems Theory                      | AUT/2005 - AUT/9999 | 4.0             | .                  | . | .                 | .     | .   | . | .         | . | . | . | E E | 547 E E        | 547           | .       |
|  |  |                     |                 | LAST UPDT: 9/28/09 |   |                   |       | A A |   | 547       |   |   |   |     |                |               |         |
| COMMENT:WAS M E 575; CHG PREREQ;JOINT# |  |                     |                 |                    |   |                   |       |     |   |           |   |   |   |     |                |               |         |
| M E                                    | 548 LIN MULTVAR CONTROL<br>Linear Multivariable Control          | AUT/2005 - AUT/9999 | 3.0             | .                  | . | .                 | .     | .   | . | .         | . | . | . | E E | 548 A A        | 548           | .       |
|  |  |                     |                 | LAST UPDT: 3/21/16 |   |                   |       | E E |   | 548       |   |   |   |     |                |               |         |
| COMMENT: CHG PREREQ                    |  |                     |                 |                    |   |                   |       |     |   |           |   |   |   |     |                |               |         |
| M E                                    | 549 ST EST & KALMAN FLTR<br>Estimation and System Identification | AUT/2012 - AUT/9999 | 3.0             | .                  | . | .                 | .     | .   | . | .         | . | . | . | E E | 549 A A        | 549           | .       |
|  |  |                     |                 | LAST UPDT: 3/21/16 |   | APPROVED: 9/19/81 |       | E E |   | 549       |   |   |   |     |                |               |         |
| COMMENT:EMAIL PREQ CHG                 |  |                     |                 |                    |   |                   |       |     |   |           |   |   |   |     |                |               |         |
| M E                                    | 550 NONLIN OPT CONTROL<br>Nonlinear Optimal Control              | AUT/2014 - AUT/9999 | 3.0             | .                  | . | .                 | .     | .   | . | .         | . | . | . | E E | 550 A A        | 550           | .       |
|  |  |                     |                 | LAST UPDT: 7/31/14 |   | APPROVED: 2/28/92 |       | E E |   | 550       |   |   |   |     |                |               |         |
| COMMENT:14-16 PREQ CHG                 |  |                     |                 |                    |   |                   |       |     |   |           |   |   |   |     |                |               |         |
| M E                                    | 551 ELASTICITY I<br>Elasticity I: Elastostatics                  | AUT/1992 - AUT/9999 | 3.0             | .                  | . | .                 | .     | .   | . | .         | . | . | . | .   | .              | .             | .       |
|  |  |                     |                 | LAST UPDT:10/23/06 |   |                   |       |     |   |           |   |   |   |     |                |               |         |
| COMMENT:CHG TITLES, DESC               |  |                     |                 |                    |   |                   |       |     |   |           |   |   |   |     |                |               |         |
| M E                                    | 552 VISCOELASTICITY<br>Viscoelasticity and Plasticity            | SPR/2012 - AUT/9999 | 3.0             | .                  | . | .                 | .     | .   | . | .         | . | . | . | .   | .              | .             | .       |
|  |  |                     |                 | LAST UPDT:12/19/11 |   | APPROVED: 3/31/92 |       |     |   |           |   |   |   |     |                |               |         |
| COMMENT:CHG TITLES, DESC               |  |                     |                 |                    |   |                   |       |     |   |           |   |   |   |     |                |               |         |
| M E                                    | 553 ADHESION MECHANICS<br>Adhesion Mechanics                     | SPR/1986 - AUT/9999 | 3.0             | .                  | . | .                 | .     | .   | . | .         | . | . | . | .   | .              | .             | .       |
|  |  |                     |                 | LAST UPDT:10/23/06 |   | APPROVED: 6/27/85 |       |     |   |           |   |   |   |     |                |               |         |
| COMMENT:CHANGE DESCRIPTION             |  |                     |                 |                    |   |                   |       |     |   |           |   |   |   |     |                |               |         |
| M E                                    | 555 THERMOELASTICITY<br>Thermoelasticity                         | SPR/1994 - AUT/9999 | 3.0             | .                  | . | .                 | .     | .   | . | .         | . | . | . | .   | .              | .             | .       |
|  |  |                     |                 | LAST UPDT:10/23/06 |   |                   |       |     |   |           |   |   |   |     |                |               |         |

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| CURRIC NUM | COURSE TITLE | EFFECTIVE QUARTERS   | QUARTER CREDITS     | OVER D                               |   |     |   | S H F  |   |   |   | V L R |   |   |     | RESPONS COURSE | JOINT COURSES | O M I T |
|------------|--------------|--|---------------------|--------------------------------------|---|-----|---|--|---|---|---|-------|---|---|-----|----------------|---------------|---------|
|            |              |  |                     | -ALL                                 | U | GRD | E | U  | N | E | P | &     | N | C | M   |                |               |         |
| M E        | 556          | EXP STRESS ANLYS I<br>Experimental Stress Analysis I                 | SUM/1990 - AUT/9999 | 3.0                                  | . | .   | . | .  | Y | . | . | .     | . | . | .   | .              | .             |         |
|            |              |  |                     | LAST UPDT: 8/14/12                   |   |     |   | FEE TYPE:1 \$25.00 BUDGET:069397 REV OBJ CD:943081 |   |   |   |       |   |   |     |                |               |         |
| M E        | 557          | EXP STRESS ANLYS II<br>Experimental Stress Analysis II               | SUM/1990 - AUT/9999 | 3.0                                  | . | .   | . | .  | Y | . | . | .     | . | . | .   | .              | .             |         |
|            |              |  |                     | LAST UPDT: 8/14/12                   |   |     |   | FEE TYPE:1 \$10.00 BUDGET:069358 REV OBJ CD:943081 |   |   |   |       |   |   |     |                |               |         |
| M E        | 558          | EXP STRESS ANALYSIS<br>EXPERIMENTAL STRESS ANALYSIS                  | WIN/1961 - AUT/9999 | 3.0                                  | . | .   | . | .  | . | . | . | .     | . | . | .   | .              | .             |         |
|            |              |  |                     | LAST UPDT: 1/27/93                   |   |     |   |  |   |   |   |       |   |   |     |                |               |         |
| M E        | 559          | INTRO FRACT MECH<br>Introduction to Fracture Mechanics               | WIN/1997 - AUT/9999 | 3.0                                  | . | .   | . | .  | . | . | . | .     | . | . | .   | .              | .             |         |
|            |              |  |                     | LAST UPDT:10/23/06                   |   |     |   |  |   |   |   |       |   |   |     |                |               |         |
|            |              |  |                     | COMMENT:CHG TITLES, DESC             |   |     |   |  |   |   |   |       |   |   |     |                |               |         |
| M E        | 560          | ADV THY FRACTURE<br>ADVANCED THEORY OF FRACTURE                      | WIN/1997 - AUT/9999 | 3.0                                  | . | .   | . | .  | . | . | . | .     | . | . | .   | .              | .             |         |
|            |              |  |                     | LAST UPDT:10/23/06 APPROVED: 4/12/73 |   |     |   |  |   |   |   |       |   |   |     |                |               |         |
|            |              |  |                     | COMMENT:CHG TITLES, DESC             |   |     |   |  |   |   |   |       |   |   |     |                |               |         |
| M E        | 561          | THIN FILMS<br>Mechanics of Thin Films                                | AUT/2012 - AUT/9999 | 3.0                                  | . | .   | . | .  | . | . | . | .     | . | . | .   | .              | .             |         |
|            |              |  |                     | LAST UPDT: 3/21/12 APPROVED: 3/20/12 |   |     |   |  |   |   |   |       |   |   |     |                |               |         |
| M E        | 562          | INTRO ELECTRONC COMP<br>Introduction to Electronic Composites        | SPR/1999 - AUT/9999 | 3.0                                  | . | .   | . | .  | . | . | . | .     | . | . | M E | 562 MSE        | 562 .         |         |
|            |              |  |                     | LAST UPDT:10/23/06 APPROVED: 2/23/89 |   |     |   |  |   |   |   |       |   |   |     |                |               |         |
|            |              |  |                     | COMMENT:CHANGE TITLE & DESCRIPTION   |   |     |   |  |   |   |   |       |   |   |     |                |               |         |
| M E        | 563          | ADVANCED COMPOSITES<br>Advanced Composites: Design and Manufacturing | SPR/1999 - AUT/9999 | 3.0                                  | . | .   | . | .  | . | . | . | .     | . | . | MSE | 563 MSE        | 563 .         |         |
|            |              |  |                     | LAST UPDT: 2/23/99 APPROVED: 2/22/99 |   |     |   |  |   |   |   |       |   |   |     |                |               |         |
| M E        | 564          | MECHNCL ENGR ANLYS<br>Mechanical Engineering Analysis                | AUT/1975 - AUT/9999 | 3.0                                  | . | .   | . | .  | . | . | . | .     | . | . | .   | .              | .             |         |
|            |              |  |                     | LAST UPDT:10/23/06                   |   |     |   |  |   |   |   |       |   |   |     |                |               |         |
|            |              |  |                     | COMMENT:CHG TITLES                   |   |     |   |  |   |   |   |       |   |   |     |                |               |         |





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| CURRIC NUM | COURSE TITLE  | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D |   | D     | S H F |   |   | V L E E W |   |   |   |     | RESPONS COURSE | JOINT COURSES | O M I T |
|------------|---|---------------------|-----------------|--------|---|-------|-------|---|---|-----------|---|---|---|-----|----------------|---------------|---------|
|            |   |                     |                 | -ALL   | U |       | GRD   | E | U | N         | E | P | & | N   |                |               |         |
| M E 590    | VIBRATIONS<br>VIBRATIONS                                      | AUT/1975 - AUT/9999 | 3.0             | .      | . | .     | .     | . | . | .         | . | . | . | .   | .              | .             | .       |
|            | COMMENT:CHG TITLES  |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
| M E 591    | ROBOT & CONTR COLL<br>ROBOTICS AND CONTROL SYSTEMS COLLOQUIUM | AUT/1996 - AUT/9999 | 1.0             | 30.0   | Y | CR/NC | .     | . | . | .         | . | . | . | A A | 591 A A        | 591 .         |         |
|            | COMMENT:CHG TITLES, 5/13 RETRO MAX                            |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
| M E 593    | FEEDFORWARD CONTROL<br>Feedforward Control                    | SPR/2006 - AUT/9999 | 3.0             | .      | . | .     | .     | . | . | .         | . | . | . | M E | 593 A A        | 593 .         |         |
|            |   |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
| M E 594    | ROBUST CONTROL<br>Robust Control                              | WIN/2010 - AUT/9999 | 3.0             | .      | . | .     | .     | . | . | .         | . | . | . | A A | 594 E E        | 594 .         |         |
|            | COMMENT:CHG PREQ  |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
| M E 597    | NETWORKED DYN SYS<br>Networked Dynamics Systems               | AUT/2008 - AUT/9999 | 3.0             | .      | . | .     | .     | . | . | .         | . | . | . | A A | 597 E E        | 597 .         |         |
|            |   |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
| M E 598    | GRAD PROJECTS<br>Graduate Projects                            | WIN/2018 - AUT/9999 | 1.0-06.0        | 9.0    | Y | .     | .     | . | . | .         | . | . | . |     |                |               |         |
|            |   |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
| M E 599    | SPECIAL TOPICS<br>Special Topics                              | WIN/2018 - AUT/9999 | 1.0-05.0        | 18.0   | Y | .     | .     | Y | . | .         | . | . | . |     |                |               |         |
|            |   |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
|            |   |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
|            |   |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
|            |   |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
| M E 600    | INDEPN DNT STDY/RSCH<br>Independent Study or Research         | SUM/1971 - AUT/9999 | 0.0             | 999.0  | . | .     | 11    | . | . | .         | . | . | . |     |                |               |         |
|            |   |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
| M E 700    | MASTERS THESIS<br>Master's Thesis                             | WIN/1970 - AUT/9999 | 0.0             | 999.0  | . | .     | 11    | . | . | .         | . | . | . |     |                |               |         |
|            |   |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |
| M E 800    | DOCTORAL DISSERTATN<br>Doctoral Dissertation                  | SUM/1976 - AUT/9999 | 0.0             | 999.0  | . | .     | 11    | . | . | .         | . | . | . |     |                |               |         |
|            |   |                     |                 |        |   |       |       |   |   |           |   |   |   |     |                |               |         |

LAST UPDT: 1/10/18  
 FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081



