

FALL 2013 - SCHEDULE OF COURSES

CIVIL, ENVIRONMENTAL & ARCHITECTURAL ENGINEERING

Courses are for **3 credits** unless otherwise noted. * = cross-listed courses. ** = combined cap for both cross-listed sections.

AUGUST 21, 2013

CHANGES SINCE LAST PUBLISHED SCHEDULE ARE IN RED/BOLD

| <u>COURSE</u> | <u>SEC</u> | <u>CL</u> | <u>TITLE</u> | <u>DAY</u> | <u>TIME</u> | <u>BLDG/ROOM</u> | <u>INSTRUCTOR</u> | <u>CAP</u> | <u>CALL #</u> |
|---------------|------------|-----------|---|------------|-------------|------------------|-----------------------|-------------|---------------|
| AREN 1027 | 010 | | ENGINEERING DRAWING | TUTH | 800-915 | ECCR 200 | CAYKO/GORE | 92 | 28535 |
| | 011 | | LAB | TUTH | 915-1055 | ECCE 141 | CAYKO/GORE | 46 | 28541 |
| | 012 | | LAB | TUTH | 1100-1240 | ECCE 141 | CAYKO/GORE | 46 | 28542 |
| AREN 1316 | 001 | * | INTRO TO AREN/CVEN (2.0) | TUTH | 200-250 | HLMS 201 | BRANDEMUEHL | 98** | 28543 |
| AREN 2050 | 001 | | BUILDING MATERIALS AND SYSTEMS | TUTH | 930-1045 | ECCR 155 | MORRIS | 48 | 34395 |
| AREN 2110 | 001 | | THERMODYNAMICS | MWF | 300-350 | ECCR 1B40 | HANDOREAN | 128 | 28545 |
| AREN 2110 | 340R | | THERMODYNAMICS | TUTH | 400-515 | WVN 166A | SILVERSTEIN/HANDOREAN | 27 | 30620 |
| | | | <i>This section restricted to <u>SbD and SSI RAP</u> students only.</i> | | | | | | |
| | | | <i>Non-RAP students can contact <u>Stephanie Barnhizer</u> to be enrolled if space permits.</i> | | | | | | |
| AREN 3010 | 001 | | MECH SYSTEMS FOR BLDG | TUTH | 200-315 | ECCE 1B41 | HENZE | 48 | 28546 |
| AREN 3050 | 001 | | ENVIRONMENTAL SYS FOR ARCH | TUTH | 800-915 | MATH 100 | WUJEK | 195 | 28547 |
| AREN 4035 | 001 | | ARCH STRUCTURES I | TUTH | 515-630 | RAMY C250 | KEELY | 204 | 28548 |
| AREN 4466 | 001 | | CONST PLAN/SCHEDULING | MWF | 1000-1050 | ECCR 150 | JAVERNICK-WILL | 56 | 28544 |
| AREN 4550 | 001 | | ILLUMINATION II | MWF | 200-250 | ECCR 151 | VASCONEZ | 48 | 29956 |
| AREN 4560 | 001 | * | LUMINOUS RADIATIVE TRANSFER | MWF | 100-150 | ECCR 116 | BEAMER | 27** | 30743 |
| AREN 4580 | 001 | * | DAYLIGHTING | TUTH | 1230-145 | ECCE 1B41 | BEAMER | 49** | 34434 |
| CVEN 1317 | 001 | * | INTRO TO AREN/CVEN (2.0) | TUTH | 200-250 | HLMS 201 | BRANDEMUEHL | 98** | 28584 |
| CVEN 2121 | 001 | | ANALYTICAL MECHANICS I (STATICS) | MWF | 800-850 | MUEN E0046 | CHO | 116 | 28549 |
| CVEN 3161 | 010 | | MECHANICS OF MTRLS I | MWF | 800-850 | ECCR 245 | VERNEREY | 96 | 28550 |
| | 011 | | LAB | W | 200-350 | ECCE 1B52 | VERNEREY | 48 | 28551 |
| | 012 | | LAB | W | 400-550 | ECCE 1B52 | VERNEREY | 48 | 28552 |
| CVEN 3246 | 001 | | INTRO TO CONSTRUCTION | TUTH | 1100-1215 | ECCR 265 | MORRIS | 128 | 28581 |
| CVEN 3256 | 001 | | CONST EQUIP MTHDS | MWF | 100-150 | ECCR 245 | HALLOWELL | 96 | 28582 |
| CVEN 3323 | 010 | | HYDRAULIC ENGINEERING | TUTH | 930-1045 | ECCR 245 | NEUPAUER | 80 | 28558 |
| | 011 | | LAB | W | 800-850 | ITLL 2B10 | NEUPAUER | 16 | 28559 |
| | 012 | | LAB | W | 1200-1250 | ITLL 2B10 | NEUPAUER | 16 | 28560 |
| | 013 | | LAB | W | 100-150 | ITLL 2B10 | NEUPAUER | 16 | 28561 |
| | 014 | | LAB | W | 200-250 | ITLL 2B10 | NEUPAUER | 16 | 28562 |
| | 015 | | LAB | TH | 330-420 | ITLL 2B10 | NEUPAUER | 16 | 28563 |
| CVEN 3414 | 001 | | FUND ENV ENGINEERING | MWF | 300-350 | ECCR 200 | PARKER/LING | 97 | 28569 |
| CVEN 3525 | 001 | | STRUCTURAL ANALYSIS | MWF | 900-950 | ECCR 245 | COROTIS | 96 | 28576 |
| CVEN 3602 | 001 | | TRANSPORTATION SYSTEMS | TUTH | 930-1045 | FLMG 157 | KONONOV | 86 | 28557 |
| CVEN 3708 | 010 | | GEOTECHNICAL ENGINEERING I | MWF | 400-450 | ECCR 200 | DASHTI | 75 | 30523 |
| | 011 | | LAB | M | 1200-150 | ECCE 1B53 | DASHTI | 25 | 30524 |
| | 012 | | LAB | M | 1000-1150 | ECCE 1B53 | DASHTI | 25 | 30748 |
| | 013 | | LAB | W | 100-250 | ECCE 1B53 | DASHTI | 25 | 30525 |
| CVEN 3718 | 010 | | GEOTECHNICAL ENGINEERING II | MWF | 1100-1150 | FLMG 104 | ZNIDARCIC | 48 | 28587 |
| | 011 | | LAB | F | 200-350 | ECCE 1B53 | ZNIDARCIC | 24 | 28588 |
| | 012 | | LAB | F | 400-550 | ECCE 1B53 | ZNIDARCIC | 24 | 30749 |
| CVEN 4147 | 001 | * | CIVIL ENGINEERING SYSTEMS | TUTH | 800-915 | ECCR 139 | CHINOWSKY | 27** | 28585 |
| CVEN 4323 | 001 | * | WATER RESOURCES ENGINEERING | MWF | 800-850 | ECCR 155 | KASPRZYK | 48** | 34443 |
| CVEN 4353 | 001 | * | GROUNDWATER ENGINEERING | TUTH | 800-915 | ECCR 245 | NEUPAUER | 96 | 28565 |
| CVEN 4404 | 001 | | WATER CHEMISTRY (3.0) | MWF | 1000-1050 | ECCR 105 | ROSARIO-ORTIZ | 60 | 28570 |
| CVEN 4414 | 002 | | LAB (1.0) | TU | 300-550 | ECCH 1B78 | ROSARIO-ORTIZ | 18 | 28572 |
| CVEN 4414 | 003 | | LAB (1.0) | W | 300-550 | ECCH 1B78 | ROSARIO-ORTIZ | 18 | 28573 |
| CVEN 4414 | 005 | | LAB (1.0) | TH | 300-550 | ECCH 1B78 | ROSARIO-ORTIZ | 18 | 40017 |
| CVEN 4464 | 001 | * | ENVIRONMENTAL ENGINEERING PROCESSES | TUTH | 1100-1215 | ECCR 200 | SUMMERS | 97** | 33138 |

| <u>COURSE</u> | <u>SEC</u> | <u>CL</u> | <u>TITLE</u> | <u>DAY</u> | <u>TIME</u> | <u>BLDG/ROOM</u> | <u>INSTRUCTOR</u> | <u>CAP</u> | <u>CALL #</u> |
|---------------|------------|-----------|--|------------|-------------|------------------|-------------------|------------|---------------|
| CVEN 4511 | 001 | * | FINITE ELEMENT ANALYSIS | TUTH | 930-1045 | ECCE 1B41 | REGUEIRO | 10 | 28589 |
| CVEN 4525 | 001 | * | ANALYSIS: FRAMED STRUCTURES | TUTH | 1100-1215 | ECCR 137 | SAOUMA | 27** | 28577 |
| CVEN 4554 | 001 | * | FUNDAMENTALS OF AIR QUALITY MANAGEMENT | TUTH | 200-315 | ECCR 118 | MONTOYA | 27** | 35760 |
| CVEN 4555 | 001 | | REINF CONCRETE DESIGN | MWF | 200-250 | ECCR 245 | HEARN | 96 | 30750 |
| CVEN 4728 | 001 | * | FOUNDATION ENGRG | TUTH | 1230-145 | ECCR 151 | MCCARTNEY | 48** | 28590 |
| CVEN 4899 | 001 | | CIVIL ENGRG SR PROJECT DESIGN (4.0) | TUTH | 330-530 | ECCR 200 | MORRIS | 97 | 28754 |

Rec/Studio: Znidarcic, Balaji, Corotis

OTHER COURSES TAUGHT BY CEAE FACULTY

| | | | | | | | | | |
|-----------|-----|--|----------------------|------|-----------|--|----------|--|--|
| GEEN 1400 | 030 | | ENGINEERING PROJECTS | M | 1100-1150 | | MONTOYA | | |
| | | | | WF | 1100-1250 | | | | |
| GEEN 1400 | 070 | | ENGINEERING PROJECTS | M | 100-150 | | VASCONEZ | | |
| | | | | TUTH | 100-250 | | | | |

OTHER REQUIRED COURSES LISTED TO PREVENT CONFLICTS

| | | | | | | | | | |
|-----------|-----|--|------------------------------|------|-----------|--|--|--|--|
| ARCH 3114 | 002 | | HISTORY & THEORIES OF ARCH I | TUTH | 930-1045 | | | | |
| | 003 | | | TUTH | 330-445 | | | | |
| ARCH 4010 | 001 | | ARCH APPRECIATION AND DESIGN | MW | 300-530 | | | | |
| ECEN 3030 | 001 | | ELECTRICAL CIRCUITS | MWF | 1100-1150 | | | | |
| ENVD 4364 | 003 | | SP TPC-MODERN ARCHITECTURE | TUTH | 330-445 | | | | |

DELETED

| | | | | | | | | | |
|-----------|-----|---|--|------|---------|-----------|----------|------|-------|
| CVEN 4834 | 001 | * | SP TPC-FUND OF AIR QUALITY SCI & ENGRG | TUTH | 200-315 | ECCR 118 | MONTOYA | 27** | 34447 |
| CVEN 5834 | 005 | * | SP TPC-FUND OF AIR QUALITY SCI & ENGRG | TUTH | 200-315 | ECCR 118 | MONTOYA | 27** | 34449 |
| CVEN 5404 | 011 | | LAB | TH | 300-550 | ECCH 1B78 | RYAN | 18 | 30847 |
| CVEN 6383 | 001 | | POROUS FLOW & TRANSPORT | MWF | 200-250 | ECCR 110 | RAJARAM | 27 | 34490 |
| CVEN 3323 | 016 | | LAB | TH | 430-520 | ITLL 2B10 | NEUPAUER | 16 | 28564 |

GRADUATE COURSES ARE FOUND ON PAGE 3

| <u>COURSE</u> | <u>SEC</u> | <u>CL</u> | <u>TITLE</u> | <u>DAY</u> | <u>TIME</u> | <u>BLDG/ROOM</u> | <u>INSTRUCTOR</u> | <u>CAP</u> | <u>CALL #</u> |
|-------------------------|------------|-----------|--|------------|-------------|------------------|-------------------|------------|---------------|
| BUILDING SYSTEMS | | | | | | | | | |
| CVEN 5830 | 001 | | SP TPC-SUSTAINABLE BUILDING DESIGN | TUTH | 930-1045 | ECST 1B21 | ZHAI | 20 | 28599 |
| CVEN 5830 | 005 | | SP TPC-BUILDING ENERGY SYSTEMS | TUTH | 1100-1215 | ECCE 1B47 | BRANDEMUEHL | 25 | 40468 |
| CVEN 5830 | 003 | * | SP TPC-LUMINOUS RADIATIVE TRANSFER | MWF | 100-150 | ECCR 116 | BEAMER | 27** | 35759 |
| CVEN 5830 | 004 | * | SP TPC-DAYLIGHTING | TUTH | 1230-145 | ECCE 1B41 | BEAMER | 49** | 36898 |
| CIVIL SYSTEMS | | | | | | | | | |
| CVEN 5147 | 002 | * | CIVIL ENGINEERING SYSTEMS | TUTH | 800-915 | ECCR 139 | CHINOWSKY | 27** | 40018 |
| CVEN 5919 | 002 | * | SUSTAINABLE COMM DVLP 1 | TUTH | 330-600 | ECCE 1B41 | STERLING | 20 | 37002 |
| CONSTRUCTION | | | | | | | | | |
| CVEN 5276 | 001 | | ENGR RISK DEC ANALYSIS | TUTH | 930-1045 | KOBL 230 | MOLENAAR | 27 | 28583 |
| CVEN 5286 | 002 | | DESIGN CONSTRUCTION OPERATIONS | MW | 930-1045 | ECCE 1B47 | GOODRUM | 25 | 36985 |
| CVEN 5346 | 001 | | MANAGING ENGINEERING ORGANIZATIONS | MW | 200-315 | ECCE 1B47 | JAVERNICK-WILL | 25 | 30747 |
| ENVIRONMENTAL | | | | | | | | | |
| CVEN 5323 | 001 | | APPLIED STREAM ECOLOGY | TUTH | 800-915 | ECCR 131 | MCKNIGHT | 27 | 28578 |
| CVEN 5404 | 001 | | ENVIR ENGR CHEMISTRY | TUTH | 930-1045 | ECCE 1B47 | RYAN | 25 | 39591 |
| CVEN 5464 | 001 | * | ENVIRONMENTAL ENGINEERING PROCESSES | TUTH | 1100-1215 | ECCR 200 | SUMMERS | 97** | 33139 |
| CVEN 5534 | 001 | | WASTEWATER TREATMENT | TUTH | 1230-145 | ECCR 137 | SILVERSTEIN | 27 | 28745 |
| CVEN 5554 | 001 | * | FUNDAMENTALS OF AIR QUALITY MANAGEMENT | TUTH | 200-315 | ECCR 118 | MONTOYA | 27** | 35761 |
| CVEN 5834 | 002 | | SP TPC-WAT SAN HYG | M | 1000-100 | ECCE 1B41 | LINDEN/KLEES | 15 | 30866 |
| CVEN 5834 | 003 | | SP TPC-WAT SAN HYG (2.0) 10 WKS | M | 1000-100 | ECCE 1B41 | LINDEN/KLEES | 10 | 30867 |
| CVEN 5834 | 004 | | SP TPC-WAT SAN HYG (1.0) 5 WKS | M | 1000-100 | ECCE 1B41 | LINDEN/KLEES | 5 | 30868 |
| CVEN 5834 | 006 | | SP TPC-WATER UTILITY FINANCIAL & MGMT | TH | 330-615 | ECEE 265 | KUCHENRITHER | 22 | 36004 |
| CVEN 5834 | 007 | | SP TPC-SUSTAINABLE BIOENERGY SYSTEMS | TU | 330-600 | ECCE 1B47 | REN | 25 | 38782 |
| GEOTECH | | | | | | | | | |
| CVEN 5628 | 001 | | SEEPAGE AND SLOPES | TUTH | 1100-1215 | ECCE 1B41 | ZNIDARCIC | 27 | 30739 |
| CVEN 5708 | 001 | | SOIL MECHANICS | TUTH | 800-915 | ECCR 137 | MCCARTNEY | 27 | 28592 |
| CVEN 5728 | 001 | * | FOUNDATION ENGRG | TUTH | 1230-145 | ECCR 151 | MCCARTNEY | 48** | 28593 |
| CVEN 5798 | 001 | | DYNAMICS OF SOILS/FOUND | MWF | 900-950 | ECCR 1B08 | PAK | 20 | 29689 |
| MECHANICS | | | | | | | | | |
| CVEN 5161 | 001 | | ADV MECH OF MATERIALS I | MW | 1100-1215 | ECCE 1B47 | XI | 25 | 28554 |
| CVEN 5511 | 001 | * | FINITE ELEMENT ANALYSIS | TUTH | 930-1045 | ECCE 1B41 | REGUEIRO | 30 | 28591 |
| CVEN 7511 | 001 | | COMP FIN INELAST MULTIPH | TUTH | 800-915 | ECCE 1B41 | REGUEIRO | 20 | 34614 |
| STRUCTURES | | | | | | | | | |
| CVEN 5111 | 001 | | INTRO TO STRUCTURAL DYNAMICS | TUTH | 1230-145 | ECCR 131 | SIDERIS | 27 | 30493 |
| CVEN 5525 | 001 | * | ANALYSIS: FRAMED STRUCTURES | TUTH | 1100-1215 | ECCR 137 | SAOUMA | 27** | 28579 |
| CVEN 5575 | 001 | | ADV TOPICS IN STEEL | MW | 400-515 | ECCR 1B08 | HEARN | 20 | 28580 |
| WATER | | | | | | | | | |
| CVEN 5313 | 001 | | ENVIRON FLUID MECHANICS | TUTH | 1230-145 | ECCE 1B47 | CRIMALDI | 25 | 28566 |
| CVEN 5333 | 001 | | MULTISCALE HYDROLOGY | TUTH | 1100-1215 | ECCR 139 | BALAJI | 27 | 30529 |
| CVEN 5353 | 001 | * | GROUNDWATER HYDROLOGY | TUTH | 800-915 | ECCR 245 | NEUPAUER | 96** | 28567 |
| CVEN 5423 | 001 | * | WATER RESOURCES ENGINEERING | MWF | 800-850 | ECCR 155 | KASPRZYK | 48** | 34444 |
| CVEN 5537 | 001 | | NUMERICAL METHODS IN CIVIL ENG | MWF | 1000-1050 | ECCR 155 | RAJARAM | 48 | 28586 |
| CVEN 6393 | 001 | | WATER RESOURCES SEMINAR (1.0) | W | 1100-1150 | ECCE 1B41 | BALAJI | 49 | 28568 |
| CVEN 6833 | 001 | * | SP TPC-ADVANCED DATA ANALYSIS | TUTH | 200-315 | ECCE 1B47 | BALAJI | 25 | 34491 |