

# College of Engineering and Applied Science

| CRN | USP 03<>15 Course # | Sec | Course Title | Cr Hrs | Days | Times | Bldg | Room | Instructor |
|-----|---------------------|-----|--------------|--------|------|-------|------|------|------------|
|-----|---------------------|-----|--------------|--------|------|-------|------|------|------------|

## Architectural Engineering 766-2390

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact: Office Associate Mindy Zwieg (766-2390) 3074 Engineering Building.

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

|       |      |     |      |    |  |     |     |                 |          |              |
|-------|------|-----|------|----|--|-----|-----|-----------------|----------|--------------|
| 26429 |      | ARE | 1600 | 01 | Architectural Design Studio I                | 3   | TR  | 09:35am 10:50am | STEM 215 | Gardzelewski |
| 27234 |      | ARE | 1600 | 02 | Architectural Design Studio I                | 3   | TR  | 11:00am 12:15pm | STEM 215 | Gardzelewski |
| 27901 |      | ARE | 1600 | 03 | Architectural Design Studio I                | 3   | T   | 08:10am 09:25am | STEM 105 | Gardzelewski |
| 27902 |      | ARE | 1600 | 04 | Architectural Design Studio I                | 3   | T   | 08:10am 09:25am | STEM 105 | Gardzelewski |
| 26428 |      | ARE | 2410 | 01 | Fund of Bldg Performance                     | 3   | MWF | 11:00am 11:50am | EN 2105  | Gardzelewski |
| 26431 |      | ARE | 2600 | 01 | Architectural Design Studio II               | 3   | TR  | 08:10am 09:25am | EN 2105  | Denzer       |
| 22740 |      | ARE | 3100 | 01 | Civ & Arch Eng Pra                           | 3   | MWF | 12:00pm 12:50pm | AG 1030  | Staff        |
|       |      |     |      |    | Cross listed with: CE3100                    |     |     |                 |          |              |
| 22741 |      | ARE | 3200 | 01 | Struct Analysis I                            | 3   | MWF | 10:00am 10:50am | EN 3070  | Barker       |
|       |      |     |      |    | Cross listed with: CE3200                    |     |     |                 |          |              |
| 22742 | WB<> | ARE | 3210 | 01 | Civil Eng Materials                          | 3   | TR  | 08:10am 09:25am | EN 2101  | Kobbe        |
|       |      |     |      |    | Cross listed with: CE3210                    |     |     |                 |          |              |
|       |      |     |      |    | Students must enroll in a laboratory section |     |     |                 |          |              |
| 26693 | WB<> | ARE | 3210 | 10 | Laboratory                                   | 0   | M   | 02:10pm 05:00pm | EN 1095  | Kobbe        |
| 22744 | WB<> | ARE | 3210 | 11 | Laboratory                                   | 0   | T   | 02:10pm 05:00pm | EN 1095  | Kobbe        |
| 22739 |      | ARE | 3300 | 01 | Bldg Elec & Plumbing Systems                 | 3   | MWF | 12:00pm 12:50pm | EN 1044  | Staff        |
| 22373 |      | ARE | 3360 | 01 | Transport Phenomena                          | 3   | MWF | 01:10pm 02:00pm | CR 214   | Stoellinger  |
|       |      |     |      |    | Cross listed with: ME3360                    |     |     |                 |          |              |
| 20158 |      | ARE | 4260 | 01 | Struct Concr Dsgn                            | 3   | MWF | 10:00am 10:50am | EN 2108  | Kobbe        |
|       |      |     |      |    | Cross listed with: CE4260                    |     |     |                 |          |              |
| 26433 |      | ARE | 4600 | 01 | ARE Design Studio IV                         | 3   | TR  | 04:10pm 05:30pm | EN 3056  | Newman       |
| 20211 |      | ARE | 4720 | 01 | Struct Sys Design                            | 4   | TR  | 01:20pm 04:00pm | EN 3065  | Swanson      |
| 20216 |      | ARE | 4740 | 01 | Mech Sys Design                              | 4   | TR  | 01:20pm 04:00pm | EN 2101  | Tan          |
| 27859 |      | ARE | 4920 | 02 | Arch Engr Problems                           | 1-3 | TR  | 11:00am 12:15pm | AS 226   | Tan          |

## Atmospheric Science 766-3245

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact: Department Head Thomas Parish (766-3245) 6034A Engineering Building.

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

|       |        |      |      |    |  |     |     |                 |          |        |
|-------|--------|------|------|----|--|-----|-----|-----------------|----------|--------|
| 20088 | SE<>PN | ATSC | 2000 | 01 | Intro to Meteorol                            | 4   | MWF | 01:10pm 02:00pm | EN 6085  | Lebo   |
|       |        |      |      |    | Students must enroll in a laboratory section |     |     |                 |          |        |
| 22007 | SE<>PN | ATSC | 2000 | 10 | Laboratory                                   | 0   | W   | 02:10pm 05:00pm | STEM 220 | Staff  |
| 20091 | SE<>PN | ATSC | 2000 | 11 | Laboratory                                   | 0   | R   | 02:45pm 05:25pm | STEM 220 | Staff  |
| 20092 |        | ATSC | 2100 | 01 | Global Warming: The Science                  | 3   | TR  | 01:10pm 02:35pm | CR 214   | Liu    |
| 28258 | <>PN   | ATSC | 2200 | 01 | Severe and Unusual Weather                   | 3   | MWF | 11:00am 11:50am | CR 214   | Lebo   |
| 26614 |        | ATSC | 5011 | 01 | Physical Meteorology II                      | 4   | MWF | 11:00am 11:50am | EN 6085  | Snider |
| 26746 |        | ATSC | 5011 | 10 | Laboratory                                   | 0   | T   | 09:00am 12:00pm | STEM 220 | Snider |
| 26631 |        | ATSC | 5016 | 01 | Synoptic & Mesoscale Meteor                  | 4   | TR  | 01:20pm 02:35pm | EN 6060  | Geerts |
| 26752 |        | ATSC | 5016 | 10 | Laboratory                                   | 0   | T   | 02:45pm 04:00pm | STEM 220 | Geerts |
| 22907 |        | ATSC | 5330 | 01 | Bndry Layer Meter                            | 3   | MWF | 02:10pm 03:00pm | EN 6060  | Kelly  |
| 27972 |        | ATSC | 5600 | 01 | Adv Cloud Micophys                           | 3   | TR  | 09:35am 10:50am | EN 6085  | Wang   |
| 27976 |        | ATSC | 5880 | 01 | ATSC Problems                                | 1-3 | MWF | 09:00am 09:50am | EN 6060  | French |

### The following 5900-level courses are Satisfactory/Unsatisfactory only

|        |  |      |      |    |                       |      |  |  |  |        |
|--------|--|------|------|----|-----------------------|------|--|--|--|--------|
| 21423  |  | ATSC | 5900 | 01 | Prac-College Teaching | 1-3  |  |  |  | Geerts |
| 21424* |  | ATSC | 5920 | 01 | Cont Reg: On Campus   | 1-2  |  |  |  | Lebo   |
| 22374* |  | ATSC | 5920 | 02 | Cont Reg: On Campus   | 1-2  |  |  |  | Lebo   |
| 21425  |  | ATSC | 5940 | 01 | Cont Reg: Off Campus  | 1-2  |  |  |  | Geerts |
| 22376  |  | ATSC | 5940 | 02 | Cont Reg: Off Campus  | 1-2  |  |  |  | Lebo   |
| 21426* |  | ATSC | 5960 | 01 | Thesis Research       | 1-12 |  |  |  | Lebo   |
| 21427  |  | ATSC | 5960 | 02 | Thesis Research       | 1-12 |  |  |  | Staff  |
| 21428  |  | ATSC | 5960 | 03 | Thesis Research       | 1-12 |  |  |  | Geerts |
| 21429  |  | ATSC | 5960 | 04 | Thesis Research       | 1-12 |  |  |  | Kelly  |
| 21430  |  | ATSC | 5960 | 05 | Thesis Research       | 1-12 |  |  |  | Liu    |
| 21431  |  | ATSC | 5960 | 06 | Thesis Research       | 1-12 |  |  |  | Parish |
| 21432  |  | ATSC | 5960 | 07 | Thesis Research       | 1-12 |  |  |  | Snider |
| 21433  |  | ATSC | 5960 | 08 | Thesis Research       | 1-12 |  |  |  | Wang   |
| 23307  |  | ATSC | 5960 | 09 | Thesis Research       | 1-12 |  |  |  | Murphy |
| 23939  |  | ATSC | 5960 | 10 | Thesis Research       | 1-12 |  |  |  | French |
| 21434* |  | ATSC | 5980 | 01 | Dissertation Research | 1-12 |  |  |  | Lebo   |

# College of Engineering and Applied Science

| CRN    | USP 03<>15 | Course #  | Sec | Course Title          | Cr Hrs | Days | Times | Bldg | Room | Instructor |
|--------|------------|-----------|-----|-----------------------|--------|------|-------|------|------|------------|
| 21435  |            | ATSC 5980 | 02  | Dissertation Research | 1-12   |      |       |      |      | Staff      |
| 21436  |            | ATSC 5980 | 03  | Dissertation Research | 1-12   |      |       |      |      | Geerts     |
| 21437  |            | ATSC 5980 | 04  | Dissertation Research | 1-12   |      |       |      |      | Kelly      |
| 21438  |            | ATSC 5980 | 05  | Dissertation Research | 1-12   |      |       |      |      | Liu        |
| 21439  |            | ATSC 5980 | 06  | Dissertation Research | 1-12   |      |       |      |      | Parish     |
| 21440  |            | ATSC 5980 | 07  | Dissertation Research | 1-12   |      |       |      |      | Snider     |
| 21441  |            | ATSC 5980 | 08  | Dissertation Research | 1-12   |      |       |      |      | Wang       |
| 23308  |            | ATSC 5980 | 09  | Dissertation Research | 1-12   |      |       |      |      | Murphy     |
| 24779  |            | ATSC 5980 | 10  | Dissertation Research | 1-12   |      |       |      |      | French     |
| 21442* |            | ATSC 5990 | 01  | Internship            | 1-12   |      |       |      |      | Lebo       |

## Chemical Engineering 766-2500

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact: Department Head Hertanto Adidharma (766-2500) 4055 Engineering Building.

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

|        |        |          |    |                                    |     |     |                 |    |      |           |
|--------|--------|----------|----|------------------------------------|-----|-----|-----------------|----|------|-----------|
| 26337  |        | CHE 1005 | 01 | Intro to Chemical Engineering      | 1   | M   | 08:00am 09:50am | EN | 4045 | Johnson   |
| 26339  |        | CHE 1005 | 02 | Intro to Chemical Engineering      | 1   | T   | 09:35am 10:50am | EN | 4045 | Johnson   |
| 20159  |        | CHE 2060 | 01 | Intr Chem Eng Comp                 | 3   | MWF | 08:00am 08:50am | EN | 1041 | Aryana    |
| 27683  |        | CHE 2070 | 01 | Chemical Thermodynamics            | 3   | TR  | 11:00am 12:15pm | EN | 3102 | Murphy    |
| 27684  |        | CHE 2080 | 01 | Chem Eng Fluid Mechanics           | 3   | MWF | 01:10pm 02:00pm | EN | 3070 | Li        |
| 20162  |        | CHE 3070 | 01 | Process Sim & Econ                 | 3   | TR  | 08:10am 09:25am | CR | 215  | Bell      |
| 21353* |        | CHE 3900 | 01 | Undergrad Research                 | 1-6 |     |                 |    |      | Staff     |
|        |        |          |    | Satisfactory/Unsatisfactory only   |     |     |                 |    |      |           |
| 23221  | WC<>   | CHE 4050 | 01 | Unit Oper Lab II                   | 3   | M   | 01:10pm 02:00pm | EN | 2110 | Bagley    |
|        |        |          |    |                                    |     | T   | 01:10pm 04:00pm | EN | B110 |           |
| 24107  | WC<>   | CHE 4050 | 02 | Unit Oper Lab II                   | 3   | M   | 01:10pm 02:00pm | EN | 2110 | Bagley    |
|        |        |          |    |                                    |     | R   | 01:10pm 04:00pm | EN | B110 |           |
| 23218  |        | CHE 4060 | 01 | Reaction Engineering               | 3   | TR  | 09:35am 10:50am | AG | 1030 | Holles    |
| 20164  | WC<>C3 | CHE 4080 | 01 | Process Design II                  | 5   | TR  | 02:45pm 05:00pm | AG | 1030 | Bell      |
| 29191  |        | CHE 4165 | 01 | Biomaterials                       | 3   | TR  | 01:20pm 02:35pm | EN | 2108 | Johnson   |
|        |        |          |    | Cross listed with: CHE5165         |     |     |                 |    |      |           |
| 21354* |        | CHE 4970 | 01 | Internship in CHE                  | 3   |     |                 |    |      | Staff     |
|        |        |          |    | Satisfactory/Unsatisfactory only   |     |     |                 |    |      |           |
| 27045  |        | CHE 4990 | 01 | Topics: Engr Bio Prod of Chem      | 3   | MWF | 09:00am 09:50am | AN | 220  | Wawrousek |
|        |        |          |    | Cross listed with: CHE5150         |     |     |                 |    |      |           |
| 20169  |        | CHE 5030 | 01 | Reaction Kinetics                  | 3   | TR  | 08:10am 09:25am | EN | 3070 | Holles    |
| 26343  |        | CHE 5090 | 01 | Grad Teaching and Research         | 3   | MWF | 11:00am 11:50am | EN | 1044 | Gasem     |
| 25819  |        | CHE 5150 | 01 | Tp:Engr Bio Production of Chem     | 3   | MWF | 09:00am 09:50am | AN | 220  | Wawrousek |
|        |        |          |    | Cross listed with: CHE4990         |     |     |                 |    |      |           |
| 27685  |        | CHE 5150 | 02 | Tp: Interfacial Phenomena          | 1-3 | MWF | 10:00am 10:50am | PS | 237  | Alvarado  |
| 29192  |        | CHE 5165 | 01 | Biomaterials                       | 3   | TR  | 01:20pm 02:35pm | EN | 2108 | Johnson   |
|        |        |          |    | Cross listed with: CHE4165         |     |     |                 |    |      |           |
| 27705  |        | CHE 5410 | 01 | Adv Biol Wastewater Treatment      | 3   |     |                 |    |      | Bagley    |
|        |        |          |    | Cross listed with: CE5410 ENVE5410 |     |     |                 |    |      |           |
| 20172  |        | CHE 5890 | 01 | Chemical Engineering Seminar       | 1   | M   | 03:10pm 04:00pm | EN | 1045 | Aryana    |
|        |        |          |    | Satisfactory/Unsatisfactory only   |     |     |                 |    |      |           |

### The following 5900-level courses are Satisfactory/Unsatisfactory only

|        |  |          |    |                       |      |  |  |  |  |           |
|--------|--|----------|----|-----------------------|------|--|--|--|--|-----------|
| 21392* |  | CHE 5920 | 01 | Cont Reg: On Campus   | 1-2  |  |  |  |  | Staff     |
| 21393  |  | CHE 5940 | 01 | Cont Reg: Off Campus  | 1-2  |  |  |  |  | Staff     |
| 21394  |  | CHE 5960 | 01 | Thesis Research       | 1-12 |  |  |  |  | Ackerman  |
| 22222  |  | CHE 5960 | 02 | Thesis Research       | 1-12 |  |  |  |  | Adidharma |
| 22225  |  | CHE 5960 | 03 | Thesis Research       | 1-12 |  |  |  |  | Bell      |
| 22226  |  | CHE 5960 | 04 | Thesis Research       | 1-12 |  |  |  |  | Fan       |
| 22227  |  | CHE 5960 | 05 | Thesis Research       | 1-12 |  |  |  |  | Johnson   |
| 22228  |  | CHE 5960 | 06 | Thesis Research       | 1-12 |  |  |  |  | Radosz    |
| 22229  |  | CHE 5960 | 07 | Thesis Research       | 1-12 |  |  |  |  | Oakey     |
| 22728  |  | CHE 5960 | 08 | Thesis Research       | 1    |  |  |  |  | Holles    |
| 23116  |  | CHE 5960 | 09 | Thesis Research       | 1-12 |  |  |  |  | Li        |
| 24142  |  | CHE 5960 | 10 | Thesis Research       | 1-12 |  |  |  |  | Bagley    |
| 26065  |  | CHE 5960 | 11 | Thesis Research       | 1-12 |  |  |  |  | Gasem     |
| 27498  |  | CHE 5960 | 13 | Thesis Research       | 1-12 |  |  |  |  | Goual     |
| 21395  |  | CHE 5980 | 01 | Dissertation Research | 1-12 |  |  |  |  | Ackerman  |
| 25797  |  | CHE 5980 | 10 | Dissertation Research | 1-12 |  |  |  |  | Li        |
| 25989  |  | CHE 5980 | 11 | Dissertation Research | 1-12 |  |  |  |  | Gasem     |
| 27267  |  | CHE 5980 | 12 | Dissertation Research | 1-12 |  |  |  |  | Wawrousek |
| 21396* |  | CHE 5990 | 01 | Internship            | 1-12 |  |  |  |  | Staff     |

# College of Engineering and Applied Science

| CRN | USP 03<>15 Course # | Sec | Course Title | Cr Hrs | Days | Times | Bldg | Room | Instructor |
|-----|---------------------|-----|--------------|--------|------|-------|------|------|------------|
|-----|---------------------|-----|--------------|--------|------|-------|------|------|------------|

## Civil Engineering 766-2390

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact: Office Associate Mindy Zwieg (766-2390) 3074 Engineering Building.

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

|            |      |    |         |  |   |     |                 |    |      |           |
|------------|------|----|---------|--|---|-----|-----------------|----|------|-----------|
| 26427      |      | CE | 1010 01 | Civil Engineering Tools                      | 3 | TR  | 09:35am 10:50am | EN | 1041 | Brant     |
| 27761      |      | CE | 1010 02 | Civil Engineering Tools                      | 3 | TR  | 11:00am 12:15pm | EN | 1041 | Kobbe     |
| 22534      |      | CE | 2070 01 | Engr Surveying                               | 3 | TR  | 11:00am 12:15pm | EN | 3076 | Rehwaldt  |
|            |      |    |         | Students must enroll in a laboratory section |   |     |                 |    |      |           |
| 22535      |      | CE | 2070 10 | Laboratory                                   | 0 | M   | 02:10pm 05:00pm | EN | 3076 | Rehwaldt  |
| 22536      |      | CE | 2070 11 | Laboratory                                   | 0 | T   | 02:10pm 05:00pm | EN | 3076 | Rehwaldt  |
| 20133      |      | CE | 3100 01 | Civ & Arch Eng Pra                           | 3 | MWF | 12:00pm 12:50pm | AG | 1030 | Staff     |
|            |      |    |         | Cross listed with: ARE3100                   |   |     |                 |    |      |           |
| 20134      |      | CE | 3200 01 | Struct Analysis I                            | 3 | MWF | 10:00am 10:50am | EN | 3070 | Barker    |
|            |      |    |         | Cross listed with: ARE3200                   |   |     |                 |    |      |           |
| 20135      | WB<> | CE | 3210 01 | Civil Eng Matrl                              | 3 | TR  | 08:10am 09:25am | EN | 2101 | Kobbe     |
|            |      |    |         | Cross listed with: ARE3210                   |   |     |                 |    |      |           |
|            |      |    |         | Students must enroll in a laboratory section |   |     |                 |    |      |           |
| 20136      | WB<> | CE | 3210 10 | Laboratory                                   | 0 | M   | 02:10pm 05:00pm | EN | 1095 | Kobbe     |
| 20137      | WB<> | CE | 3210 11 | Laboratory                                   | 0 | T   | 02:10pm 05:00pm | EN | 1095 | Kobbe     |
| 20138      |      | CE | 3300 01 | Hydraulic Engr                               | 3 | MWF | 09:00am 09:50am | EN | 3076 | Zhu       |
|            |      |    |         | Students must enroll in a laboratory section |   |     |                 |    |      |           |
| 20139      |      | CE | 3300 10 | Laboratory                                   | 0 | W   | 02:10pm 05:00pm | EN | 3076 | Zhu       |
| 20140      |      | CE | 3400 01 | Intro Environ Eng                            | 3 | MWF | 01:10pm 02:00pm | EN | 3076 | Brant     |
| 26437      |      | CE | 3500 01 | Transportation Engineering                   | 3 | MWF | 11:00am 11:50am | EN | 3070 | Kladianos |
| 26455      |      | CE | 3500 10 | Laboratory                                   | 0 | T   | 01:20pm 02:35pm | EN | 3070 | Kladianos |
| 20143      |      | CE | 3600 01 | Soil Mechanics I                             | 3 | MWF | 08:00am 08:50am | EN | 3070 | Griffiths |
|            |      |    |         | Students must enroll in a laboratory section |   |     |                 |    |      |           |
| 20145      |      | CE | 3600 10 | Laboratory                                   | 0 | M   | 02:10pm 05:00pm | EN | 3046 | Griffiths |
| 20146      |      | CE | 3600 11 | Laboratory                                   | 0 | R   | 02:10pm 05:00pm | EN | 3046 | Griffiths |
| 20148      |      | CE | 4260 01 | Struct Concr Dsgn                            | 3 | MWF | 10:00am 10:50am | EN | 2108 | Kobbe     |
|            |      |    |         | Cross listed with: ARE4260                   |   |     |                 |    |      |           |
| 27765      |      | CE | 4440 01 | Solid Waste Engineering                      | 3 | TR  | 09:35am 10:50am | EN | 3076 | Urynowicz |
| 27769      |      | CE | 4530 01 | Traffic Engr: Operations                     | 3 | MWF | 09:00am 09:50am | EN | 2105 | Zlatkovic |
|            |      |    |         | Cross listed with: CE5530                    |   |     |                 |    |      |           |
| 23275      |      | CE | 4620 01 | Soil & Rock Slp Engr                         | 3 | TR  | 11:00am 12:15pm | EN | 1044 | Ng        |
| 27768      |      | CE | 4630 01 | Geotech Engr                                 | 3 | MWF | 09:00am 09:50am | EN | 3070 | Griffiths |
| 27861      |      | CE | 4820 01 | Grndwater & Drainage                         | 3 | MWF | 11:00am 11:50am | EN | 3076 | Befus     |
|            |      |    |         | Cross listed with: CE5810                    |   |     |                 |    |      |           |
| 23003      |      | CE | 4900 01 | CDE in: Interdisciplinary                    | 3 | MW  | 02:10pm 05:00pm | EN | 1044 | Barker    |
| 28225*     |      | CE | 4920 80 | Civil Eng Probs:StateSpecific                | 1 | T   | 06:30pm 07:30pm |    |      | Mouland   |
| 28226*     |      | CE | 4920 81 | Civil Eng Probs:StateSpecific                | 1 | T   | 06:30pm 07:30pm |    |      | Mouland   |
| 27881      |      | CE | 4970 01 | Design Squad Coop                            | 3 |     |                 |    |      | Staff     |
|            |      |    |         | Satisfactory/Unsatisfactory only             |   |     |                 |    |      |           |
| 27763      |      | CE | 5200 01 | Adv Structural Analysis                      | 3 | TR  | 08:10am 09:25am | EN | 3076 | Judd      |
| 27764      |      | CE | 5280 01 | Bhvr Reinforced Concrete                     | 3 | MWF | 10:00am 10:50am | EN | 3105 | Tanner    |
| Eisenhauer |      |    |         |  |   |     |                 |    |      |           |
| 27774      |      | CE | 5300 01 | Open-Channel Hydr                            | 3 | MWF | 12:00pm 12:50pm | EN | 3070 | Ohara     |
| 27899      |      | CE | 5321 01 | Eng & Environment Geophysics                 | 3 | TR  | 08:10am 09:25am | EN | 3056 | Parsekian |
|            |      |    |         | Cross listed with: GEOL5321                  |   |     |                 |    |      |           |
| 27703      |      | CE | 5410 01 | Adv Biol Wastewater Treatment                | 3 |     |                 |    |      | Staff     |
|            |      |    |         | Cross listed with: CHE5410 ENVE5410          |   |     |                 |    |      |           |
| 27770      |      | CE | 5530 01 | Traffic Engr: Operations                     | 3 | MWF | 09:00am 09:50am | EN | 2105 | Zlatkovic |
|            |      |    |         | Cross listed with: CE4530                    |   |     |                 |    |      |           |
| 27771      |      | CE | 5575 01 | Intel Trans Systems                          | 3 | TR  | 11:00am 12:15pm | EN | 3108 | Ahmed     |
| 27772      |      | CE | 5585 01 | Pavement Mgt Syst                            | 3 | MWF | 11:00am 11:50am | EN | 3044 | Ksaibati  |
| 23933      |      | CE | 5700 01 | CE Prob: TLN Course                          | 3 |     |                 |    |      | Staff     |
| 27773      |      | CE | 5810 01 | Groundwater Hydrol                           | 3 | MWF | 11:00am 11:50am | EN | 3076 | Befus     |
|            |      |    |         | Cross listed with: CE4820                    |   |     |                 |    |      |           |
| 27775      |      | CE | 5880 01 | Advanced Hydrology                           | 3 | MWF | 02:10pm 03:00pm | AS | 209  | Ohara     |

# College of Engineering and Applied Science

| CRN  | USP 03<>15 Course # | Sec  | Course Title | Cr Hrs                         | Days | Times | Bldg Room       | Instructor        |
|--|---------------------|------|--------------|--------------------------------|------|-------|-----------------|-------------------|
| <i>The following 5900-level courses are Satisfactory/Unsatisfactory only</i> |                     |      |              |                                |      |       |                 |                   |
| 21892  | CE                  | 5920 | 01           | Cont Reg: On Campus            | 1-2  |       |                 | Brant             |
| 22706  | CE                  | 5920 | 02           | Cont Reg: On Campus            | 1-2  |       |                 | Staff             |
| 22749  | CE                  | 5920 | 03           | Cont Reg: On Campus            | 1-2  |       |                 | Mukai             |
| 22923  | CE                  | 5920 | 04           | Cont Reg: On Campus            | 1-2  |       |                 | Staff             |
| 22947  | CE                  | 5920 | 05           | Cont Reg: On Campus            | 1-2  |       |                 | Schmidt           |
| 21884  | CE                  | 5940 | 01           | Cont Reg: Off Campus           | 1-2  |       |                 | Tanner Eisenhauer |
| 21885  | CE                  | 5940 | 02           | Cont Reg: Off Campus           | 1-2  |       |                 | Staff             |
| 21886  | CE                  | 5940 | 03           | Cont Reg: Off Campus           | 1-2  |       |                 | Ahmed             |
| 21887  | CE                  | 5940 | 04           | Cont Reg: Off Campus           | 1-2  |       |                 | Staff             |
| 21888  | CE                  | 5940 | 05           | Cont Reg: Off Campus           | 1-2  |       |                 | Staff             |
| 21889  | CE                  | 5940 | 06           | Cont Reg: Off Campus           | 1-2  |       |                 | Staff             |
| 21890  | CE                  | 5940 | 07           | Cont Reg: Off Campus           | 1-2  |       |                 | Staff             |
| 21891  | CE                  | 5940 | 08           | Cont Reg: Off Campus           | 1-2  |       |                 | Staff             |
| 21893  | CE                  | 5940 | 09           | Cont Reg: Off Campus           | 1-2  |       |                 | Staff             |
| 22705  | CE                  | 5940 | 10           | Cont Reg: Off Campus           | 1-2  |       |                 | Staff             |
| 22750  | CE                  | 5940 | 11           | Cont Reg: Off Campus           | 1-2  |       |                 | Staff             |
| 22717  | CE                  | 5940 | 12           | Cont Reg: Off Campus           | 1-2  |       |                 | Staff             |
| 25877  | CE                  | 5940 | 13           | Cont Reg: Off Campus           | 1-2  |       |                 | Urynowicz         |
| 21298  | CE                  | 5960 | 01           | Thesis Research                | 1-12 |       |                 | Mukai             |
| 21299  | CE                  | 5960 | 02           | Thesis Research                | 1-12 |       |                 | Ksaibati          |
| 21300  | CE                  | 5960 | 03           | Thesis Research                | 1-12 |       |                 | Ng                |
| 21301  | CE                  | 5960 | 04           | Thesis Research                | 1-12 |       |                 | Schmidt           |
| 21302  | CE                  | 5960 | 05           | Thesis Research                | 1-12 |       |                 | Zhu               |
| 21303  | CE                  | 5960 | 06           | Thesis Research                | 1-12 |       |                 | Ahmed             |
| 21304  | CE                  | 5960 | 07           | Thesis Research                | 1-12 |       |                 | Tanner Eisenhauer |
| 21306  | CE                  | 5960 | 09           | Thesis Research                | 1-12 |       |                 | Ohara             |
| 21307  | CE                  | 5960 | 10           | Thesis Research                | 1-12 |       |                 | Ogden             |
| 21308  | CE                  | 5960 | 11           | Thesis Research                | 1-12 |       |                 | Brant             |
| 21309  | CE                  | 5960 | 12           | Thesis Research                | 1-12 |       |                 | Tan               |
| 21310  | CE                  | 5960 | 13           | Thesis Research                | 1-12 |       |                 | Wang              |
| 21311  | CE                  | 5960 | 14           | Thesis Research                | 1-12 |       |                 | Staff             |
| 21312  | CE                  | 5960 | 15           | Thesis Research                | 1-12 |       |                 | Bellamy           |
| 21690  | CE                  | 5960 | 16           | Thesis Research                | 1-12 |       |                 | Staff             |
| 22314  | CE                  | 5960 | 17           | Thesis Research                | 1-12 |       |                 | Staff             |
| 22315  | CE                  | 5960 | 18           | Thesis Research                | 1-12 |       |                 | Staff             |
| 22658  | CE                  | 5960 | 19           | Thesis Research                | 1-12 |       |                 | Staff             |
| 22659  | CE                  | 5960 | 20           | Thesis Research                | 1-12 |       |                 | Staff             |
| 25823  | CE                  | 5960 | 21           | Thesis Research                | 1-12 |       |                 | Urynowicz         |
| 21313*   | CE                  | 5980 | 01           | Dissertation Research          | 1-12 |       |                 | Ng                |
| 21314*   | CE                  | 5980 | 02           | Dissertation Research          | 1-12 |       |                 | Zhu               |
| 21315*   | CE                  | 5980 | 03           | Dissertation Research          | 1-12 |       |                 | Brant             |
| 22311*   | CE                  | 5980 | 05           | Dissertation Research          | 1-12 |       |                 | Mukai             |
| 22312*   | CE                  | 5980 | 06           | Dissertation Research          | 1-12 |       |                 | Wang              |
| 22313*   | CE                  | 5980 | 07           | Dissertation Research          | 1    |       |                 | Staff             |
| 22316*   | CE                  | 5980 | 08           | Dissertation Research          | 1-12 |       |                 | Judd              |
| 22354*   | CE                  | 5980 | 09           | Dissertation Research          | 1-12 |       |                 | Staff             |
| 22390*   | CE                  | 5980 | 10           | Dissertation Research          | 1-12 |       |                 | Staff             |
| 22643*   | CE                  | 5980 | 11           | Dissertation Research          | 1-12 |       |                 | Staff             |
| 22698*   | CE                  | 5980 | 12           | Dissertation Research          | 1-12 |       |                 | Staff             |
| 22748*   | CE                  | 5980 | 13           | Dissertation Research          | 1-12 |       |                 | Staff             |
| 25812*   | CE                  | 5980 | 14           | Dissertation Research          | 1-12 |       |                 | Ksaibati          |
| 25934*   | CE                  | 5980 | 15           | Dissertation Research          | 1-12 |       |                 | Tan               |
| 25980*   | CE                  | 5980 | 16           | Dissertation Research          | 1-12 |       |                 | Wang              |
| 25987*   | CE                  | 5980 | 17           | Dissertation Research          | 1-12 |       |                 | Ogden             |
| <b>Land Surveying</b>  |                     |      |              |                                |      |       |                 |                   |
| 26907  | LS                  | 2020 | 80           | GPS for Land Surveyors         | 4    | R     | 07:15pm 08:15pm | Glasper           |
| 26908  | LS                  | 2100 | 80           | Records Research for Surveyors | 3    | R     | 06:15pm 07:15pm | Hammond           |
| 26912  | LS                  | 2110 | 40           | Real Property Law              | 3    |       |                 | Lukasik           |
| 26913  | LS                  | 2410 | 40           | GIS in Surveying               | 3    |       |                 | Cherry            |
| 26193  | LS                  | 3110 | 80           | Surveying Evidence & Prcd Bndr | 2    | M     | 07:15pm 08:15pm | Mouland           |
| 26194  | LS                  | 3130 | 80           | Public Land Surveys            | 3    | M     | 08:30pm 09:30pm | Mouland           |
| 28187  | LS                  | 3210 | 80           | Advanced Surveying             | 4    | T     | 07:30pm 08:30pm | Rehwaldt          |
| 26195  | LS                  | 3300 | 80           | Ethics for the Prof. Surveyor  | 1    |       |                 | Rehwaldt          |

# College of Engineering and Applied Science

| CRN | USP 03<>15 Course # | Sec | Course Title | Cr Hrs | Days | Times | Bldg | Room | Instructor |
|-----|---------------------|-----|--------------|--------|------|-------|------|------|------------|
|-----|---------------------|-----|--------------|--------|------|-------|------|------|------------|

## Computer Science 766-5190

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact: Department Head James Caldwell (766-5190).

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

|        |      |      |    |  |     |     |         |         |      |      |           |
|--------|------|------|----|--|-----|-----|---------|---------|------|------|-----------|
| 20278  | COSC | 1010 | 01 | Intro Comp Sci I   | 4   | TR  | 11:00am | 12:15pm | AV   | 212  | Anderson  |
|        |      |      |    | Students must enroll in a laboratory section             |     |     |         |         |      |      |           |
|        |      |      |    | Students must have passed Math Placement Exam            |     |     |         |         |      |      |           |
| 20279  | COSC | 1010 | 10 | Laboratory   | 0   | T   | 03:10pm | 05:00pm | STEM | 315  | Staff     |
| 20280  | COSC | 1010 | 11 | Laboratory   | 0   | T   | 07:10pm | 09:00pm | STEM | 315  | Staff     |
| 20281  | COSC | 1010 | 12 | Laboratory   | 0   | R   | 03:10pm | 05:00pm | STEM | 315  | Staff     |
| 21681  | COSC | 1010 | 13 | Laboratory   | 0   | R   | 07:10pm | 09:00pm | STEM | 315  | Staff     |
| 20283  | COSC | 1030 | 01 | Computer Science I                                       | 4   | TR  | 11:00am | 12:15pm | BU   | 21   | Buckner   |
|        |      |      |    | Students must enroll in a laboratory section             |     |     |         |         |      |      |           |
|        |      |      |    | Students must have passed Math Placement Exam            |     |     |         |         |      |      |           |
| 20284  | COSC | 1030 | 10 | Laboratory   | 0   | T   | 05:10pm | 07:00pm | STEM | 315  | Staff     |
| 20285  | COSC | 1030 | 11 | Laboratory   | 0   | T   | 07:10pm | 09:00pm | STEM | 320  | Staff     |
| 22768  | COSC | 1030 | 12 | Laboratory   | 0   | W   | 07:10pm | 09:00pm | STEM | 315  | Staff     |
| 20286  | COSC | 1200 | 01 | Comp Info Systems  | 3   | TR  | 01:20pm | 02:35pm | EN   | 1045 | Khadka    |
|        |      |      |    | Students must enroll in a laboratory section             |     |     |         |         |      |      |           |
| 20288  | COSC | 1200 | 10 | Laboratory   | 0   | R   | 12:45pm | 02:35pm | STEM | 315  | Staff     |
| 20289  | COSC | 1200 | 11 | Laboratory   | 0   | T   | 03:10pm | 05:00pm | STEM | 320  | Staff     |
| 20295  | COSC | 2030 | 01 | Computer Science II                                      | 4   | MWF | 11:00am | 11:50am | CR   | 118  | Bailey    |
|        |      |      |    | Students must enroll in a laboratory section             |     |     |         |         |      |      |           |
| 20296  | COSC | 2030 | 10 | Laboratory   | 0   | M   | 03:10pm | 05:00pm | STEM | 315  | Staff     |
| 22769  | COSC | 2030 | 11 | Laboratory   | 0   | M   | 05:10pm | 07:00pm | STEM | 315  | Staff     |
| 20299  | COSC | 2150 | 01 | Computer Organization                                    | 3   | MWF | 09:00am | 09:50am | EN   | 4059 | Staff     |
| 21403  | COSC | 3011 | 01 | Software Design  | 3   | MWF | 10:00am | 10:50am | EN   | 4066 | Buckner   |
| 20303  | COSC | 3020 | 01 | Alg & Data Structure                                     | 4   | MWF | 01:10pm | 02:00pm | CR   | 103  | Bailey    |
|        |      |      |    | Students must enroll in a laboratory section             |     |     |         |         |      |      |           |
| 20305  | COSC | 3020 | 10 | Laboratory   | 0   | W   | 03:10pm | 05:00pm | STEM | 315  | Staff     |
| 23156  | COSC | 3020 | 11 | Laboratory   | 0   | W   | 05:10pm | 07:00pm | STEM | 315  | Staff     |
| 20306* | COSC | 3050 | 01 | Ethics Comput Pro  | 1   | W   | 09:00am | 09:50am | EN   | 4066 | Buckner   |
| 24126  | COSC | 3340 | 01 | Scientific Computing                                     | 3   | MWF | 01:10pm | 02:00pm | EN   | 2108 | Stanescu  |
|        |      |      |    | Cross listed with: MATH3340                              |     |     |         |         |      |      |           |
| 27024  | COSC | 3900 | 01 | Topic: UI/UX Design                                      | 3   | TR  | 11:00am | 12:15pm | STEM | 315  | Banic     |
|        |      |      |    | Title: User Interface and User Experience (UI/UX) Design |     |     |         |         |      |      |           |
| 20307* | COSC | 3970 | 01 | Internship   | 1-3 |     |         |         |      |      | Bailey    |
|        |      |      |    | Satisfactory/Unsatisfactory only                         |     |     |         |         |      |      |           |
| 26875* | COSC | 4010 | 01 | Tps: Advance Mobile Prog                                 | 3   | MWF | 11:00am | 11:50am | EN   | 4059 | Ward      |
|        |      |      |    | Cross listed with: COSC5010                              |     |     |         |         |      |      |           |
| 23057  | COSC | 4010 | 02 | Tp:Virtual Reality Systems                               | 3   | TR  | 01:20pm | 02:35pm | EN   | 4059 | Banic     |
|        |      |      |    | Cross listed with: COSC5010                              |     |     |         |         |      |      |           |
| 24963  | COSC | 4200 | 01 | Computability and Complexity                             | 3   | TR  | 01:20pm | 02:35pm | CR   | 103  | Hitchcock |
| 20312  | COSC | 4220 | 01 | Dsgn & Implmntn Emrg Env                                 | 3   | TR  | 02:45pm | 04:00pm | EN   | 4059 | Anderson  |
| 24140  | COSC | 4340 | 01 | Numerical Method Diff Equa                               | 3   | MWF | 11:00am | 11:50am | EN   | 2101 | Ginting   |
|        |      |      |    | Cross listed with: MATH4340                              |     |     |         |         |      |      |           |
| 27031  | COSC | 4740 | 01 | OP System Design   | 4   | MWF | 02:10pm | 03:00pm | EN   | 4059 | Staff     |
| 27032  | COSC | 4740 | 10 | Laboratory   | 0   | R   | 05:10pm | 06:00pm | EN   | 4059 | Staff     |
| 26865  | COSC | 4765 | 01 | Computer Security  | 3   | TR  | 08:10am | 09:25am | EN   | 1044 | Ward      |
| 20315  | COSC | 4780 | 01 | Princ Prog Lang  | 3   | TR  | 11:00am | 12:15pm | AG   | 1032 | Caldwell  |
|        |      |      |    | Cross listed with: COSC5010                              |     |     |         |         |      |      |           |
| 21621  | COSC | 4820 | 01 | Database Systems   | 3   | MWF | 09:00am | 09:50am | EN   | 1044 | Gamboia   |
| 21404  | COSC | 4955 | 01 | Senior Design II   | 2   | MWF | 12:00pm | 12:50pm | EN   | 2110 | Gamboia   |
| 20316  | COSC | 5000 | 01 | Sem:Computer Science                                     | 1   | R   | 04:10pm | 05:00pm | AS   | 209  | Bailey    |
| 24944* | COSC | 5010 | 01 | Grad Tpcs:Princ Prog Lang                                | 3   | TR  | 11:00am | 12:15pm | AG   | 1032 | Caldwell  |
|        |      |      |    | Cross listed with: COSC4780                              |     |     |         |         |      |      |           |
| 23065  | COSC | 5010 | 02 | Tp:Virtual Reality Systems                               | 3   | TR  | 01:20pm | 02:35pm | EN   | 4059 | Banic     |
|        |      |      |    | Cross listed with: COSC4010                              |     |     |         |         |      |      |           |
| 26876* | COSC | 5010 | 03 | Tps: Advanced Mobile Prog                                | 3   | MWF | 11:00am | 11:50am | EN   | 4059 | Ward      |
|        |      |      |    | Cross listed with: COSC4010                              |     |     |         |         |      |      |           |
| 24128  | COSC | 5010 | 05 | GradTps: Computational Biology                           | 4   | TR  | 03:10pm | 05:00pm | STEM | 155  | Buerkle   |
|        |      |      |    | Cross listed with: BOT4550 BOT5550                       |     |     |         |         |      |      |           |
| 28014* | COSC | 5120 | 01 | Theory of Computation                                    | 3   | TR  | 11:00am | 12:15pm | AG   | 41   | Hitchcock |

# College of Engineering and Applied Science

| CRN  | USP 03<>15 Course # | Sec | Course Title          | Cr Hrs | Days | Times | Bldg Room | Instructor |
|--|---------------------|-----|-----------------------|--------|------|-------|-----------|------------|
| <i>The following 5900-level courses are Satisfactory/Unsatisfactory only</i> |                     |     |                       |        |      |       |           |            |
| 20342*   | COSC 5920           | 01  | Cont Reg:On Campus    | 1-2    |      |       |           | Staff      |
| 20341*   | COSC 5940           | 01  | Cont Reg:Off Campus   | 1-16   |      |       |           | Bailey     |
| 22696*   | COSC 5940           | 02  | Cont Reg:Off Campus   | 1-16   |      |       |           | Banic      |
| 22700*   | COSC 5940           | 03  | Cont Reg:Off Campus   | 1-16   |      |       |           | Caldwell   |
| 22909*   | COSC 5940           | 04  | Cont Reg:Off Campus   | 1-16   |      |       |           | Clune      |
| 23501*   | COSC 5940           | 05  | Cont Reg:Off Campus   | 1-16   |      |       |           | Gamboa     |
| 27979*   | COSC 5940           | 06  | Cont Reg:Off Campus   | 1-16   |      |       |           | Hitchcock  |
| 21726*   | COSC 5960           | 01  | Thesis Research       | 1-12   |      |       |           | Bailey     |
| 21727*   | COSC 5960           | 02  | Thesis Research       | 1-12   |      |       |           | Banic      |
| 21728*   | COSC 5960           | 03  | Thesis Research       | 1-12   |      |       |           | Caldwell   |
| 21732*   | COSC 5960           | 04  | Thesis Research       | 1-12   |      |       |           | Clune      |
| 21733  | COSC 5960           | 05  | Thesis Research       | 1-12   |      |       |           | Gamboa     |
| 25982*   | COSC 5960           | 06  | Thesis Research       | 1-12   |      |       |           | Hitchcock  |
| 27473*   | COSC 5960           | 11  | Thesis Research       | 1-12   |      |       |           | Douglas    |
| 21729*   | COSC 5980           | 01  | Dissertation Research | 1-12   |      |       |           | Bailey     |
| 21730*   | COSC 5980           | 02  | Dissertation Research | 1-12   |      |       |           | Banic      |
| 21731*   | COSC 5980           | 03  | Dissertation Research | 1-12   |      |       |           | Caldwell   |
| 22920*   | COSC 5980           | 04  | Dissertation Research | 1-12   |      |       |           | Clune      |
| 25055  | COSC 5980           | 05  | Dissertation Research | 1      |      |       |           | Gamboa     |
| 27386*   | COSC 5980           | 06  | Dissertation Research | 1-12   |      |       |           | Hitchcock  |
| 27865*   | COSC 5980           | 11  | Dissertation Research | 1-12   |      |       |           | Douglas    |
| 23553*   | COSC 5990           | 01  | Internship            | 1-12   |      |       |           | Banic      |
| 25952*   | COSC 5990           | 02  | Internship            | 1      |      |       |           | Caldwell   |
| 27292*   | COSC 5990           | 03  | Internship            | 1-12   |      |       |           | Gamboa     |
| 27294*   | COSC 5990           | 04  | Internship            | 1-12   |      |       |           | Hitchcock  |

## Electrical and Computer Engineering 766-2279

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact Department Head John McInroy (766-2240), 5068 Engineering Building.

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

|  |      |    |      |    |                    |   |     |                 |    |      |             |
|--|------|----|------|----|--------------------|---|-----|-----------------|----|------|-------------|
| 27849  | <>FY | EE | 1101 | 01 | FYS:Bits & Bytes   | 3 | TR  | 09:35am 10:50am | EN | 2101 | Ferre-Pikal |
| 20333  |      | EE | 2220 | 01 | Circuits & Signals | 4 | MWF | 01:10pm 02:00pm | EN | 2108 | Ferre-Pikal |
| Students must enroll in a laboratory section |      |    |      |    |                    |   |     |                 |    |      |             |
| 20335  |      | EE | 2220 | 10 | Laboratory         | 0 | T   | 03:10pm 05:00pm | EN | 5049 | Ferre-Pikal |
| 20334  |      | EE | 2220 | 11 | Laboratory         | 0 | R   | 04:10pm 06:00pm | EN | 5049 | Ferre-Pikal |
| 20336  |      | EE | 2390 | 01 | Digital Sys Design | 4 | MWF | 10:00am 10:50am | EN | 1055 | Wright      |
| Students must enroll in a laboratory section |      |    |      |    |                    |   |     |                 |    |      |             |
| 20339  |      | EE | 2390 | 10 | Laboratory         | 0 | R   | 02:10pm 04:00pm | EN | 5030 | Wright      |
| 20338  |      | EE | 2390 | 11 | Laboratory         | 0 | T   | 04:10pm 06:00pm | EN | 5030 | Wright      |
| 20344  |      | EE | 3220 | 01 | Signals & Systems  | 3 | MWF | 10:00am 10:50am | EN | 3110 | Pierre      |
| 20345  |      | EE | 3310 | 01 | Electronics I      | 4 | MWF | 09:00am 09:50am | EN | 2108 | Ferre-Pikal |
| Students must enroll in a laboratory section |      |    |      |    |                    |   |     |                 |    |      |             |
| 22221  |      | EE | 3310 | 10 | Laboratory         | 0 | W   | 02:10pm 04:00pm | EN | 5058 | Ferre-Pikal |
| 20346  |      | EE | 3330 | 01 | Electronics II     | 4 | MWF | 12:00pm 12:50pm | EN | 2108 | Pikal       |
| Students must enroll in a laboratory section |      |    |      |    |                    |   |     |                 |    |      |             |
| 20347  |      | EE | 3330 | 10 | Laboratory         | 0 | R   | 02:10pm 04:00pm | EN | 5058 | Pikal       |
| 27109  |      | EE | 3330 | 11 | Laboratory         | 0 | R   | 04:10pm 06:00pm | EN | 5058 | Pikal       |
| 21706  |      | EE | 4075 | 01 | C++ Num Method     | 4 | MWF | 11:00am 11:50am | EN | 5022 | Hamann      |
|  |      |    |      |    |                    |   | T   | 08:00am 08:50am | EN | 4059 |             |
| Previous course number: ES 3075              |      |    |      |    |                    |   |     |                 |    |      |             |
| Exams to be held in the evenings.            |      |    |      |    |                    |   |     |                 |    |      |             |
| 26372  |      | EE | 4360 | 01 | VLSI Design        | 3 | MWF | 02:10pm 03:00pm | CR | 115  | Pikal       |
| 20348  |      | EE | 4390 | 01 | Microprocessors    | 3 | MWF | 08:00am 08:50am | EN | 3076 | Hamann      |
| Students must enroll in a laboratory section |      |    |      |    |                    |   |     |                 |    |      |             |
| 20349  |      | EE | 4390 | 10 | Laboratory         | 0 | M   | 04:10pm 06:00pm | EN | 5030 | Hamann      |
| 20350  |      | EE | 4390 | 11 | Laboratory         | 0 | W   | 04:10pm 06:00pm | EN | 5030 | Hamann      |
| 28295  |      | EE | 4390 | 12 | Laboratory         | 0 | T   | 02:10pm 04:00pm | EN | 5030 | Hamann      |
| 20351  |      | EE | 4440 | 01 | Comm Theory        | 3 | MWF | 10:00am 10:50am | EN | 1044 | Kubichek    |
| Students must enroll in a laboratory section |      |    |      |    |                    |   |     |                 |    |      |             |
| 20352  |      | EE | 4440 | 10 | Laboratory         | 0 | M   | 03:10pm 05:00pm | EN | 5054 | Kubichek    |
| 20353  |      | EE | 4440 | 11 | Laboratory         | 0 | T   | 03:10pm 05:00pm | EN | 5054 | Kubichek    |
| 27853  |      | EE | 4510 | 01 | Power Systems      | 3 | TR  | 11:00am 12:15pm | EN | 2101 | Duan        |
| 23503  |      | EE | 4620 | 01 | Auto Control Syst  | 3 | TR  | 09:35am 10:50am | EN | 3114 | O'Brien     |

# College of Engineering and Applied Science

| CRN  | USP 03<>15 | Course # | Sec | Course Title                      | Cr Hrs | Days | Times           | Bldg | Room | Instructor      |
|--|------------|----------|-----|-----------------------------------|--------|------|-----------------|------|------|-----------------|
| 24199*   | EE         | 4800     | 01  | Problems In: Independent Study    | 3      |      |                 |      |      | Muknahallipatna |
| 27359  | EE         | 4800     | 03  | Probs: Multicore Programming      | 3      | TR   | 11:00am 12:15pm | EN   | 5022 | Muknahallipatna |
|  |            |          |     | Cross listed with: EE5885         |        |      |                 |      |      |                 |
| 27198*   | EE         | 4800     | 05  | Problems In: Internship           | 1      |      |                 |      |      | Staff           |
| 20355  | EE         | 4830     | 01  | Senior Design II                  | 2      | MW   | 01:10pm 02:00pm | EN   | 1044 | Bershinsky      |
| 27854  | EE         | 5390     | 01  | Comp Architecture                 | 3      | TR   | 08:10am 09:25am | EN   | 5022 | Muknahallipatna |
| 27855  | EE         | 5430     | 01  | 3-D Computer Vision               | 3      | TR   | 09:35am 10:50am | EN   | 5022 | McInroy         |
| 27856  | EE         | 5625     | 01  | Spectral Analysis                 | 3      | MWF  | 12:00pm 12:50pm | EN   | 5022 | Kubichek        |
| 27857  | EE         | 5630     | 01  | Advanced Image Processing         | 3      | TR   | 01:20pm 02:35pm | EN   | 5022 | Wright          |
| 24200*   | EE         | 5880     | 01  | Problems In:Independent Study     | 1-6    |      |                 |      |      | Muknahallipatna |
| 24986  | EE         | 5885     | 02  | Tp: Multicore Programming         | 3      | TR   | 11:00am 12:15pm | EN   | 5022 | Muknahallipatna |
|  |            |          |     | Cross listed with: EE4800         |        |      |                 |      |      |                 |
|  |            |          |     | Exams to be held in the evenings. |        |      |                 |      |      |                 |
| 27882  | EE         | 5885     | 05  | Tp:Rehabilitation Engineering     | 3      | MWF  | 12:00pm 12:50pm | CR   | 144  | Novak           |
| 27883  | EE         | 5885     | 06  | Tp: Advanced Robotics             | 3      | MWF  | 08:00am 08:50am | EN   | 2101 | O'Brien         |
| 27884  | EE         | 5885     | 07  | Tp:Signal Proc Power Systems      | 3      | MWF  | 09:00am 09:50am | EN   | 2101 | Duan            |
| <b>The following 5900-level courses are Satisfactory/Unsatisfactory only</b> |            |          |     |                                   |        |      |                 |      |      |                 |
| 20359*   | EE         | 5900     | 01  | Prac: College Tchng               | 1-3    |      |                 |      |      | Muknahallipatna |
| 20360  | EE         | 5920     | 01  | Cont Reg: On Campus               | 1-2    |      |                 |      |      | Muknahallipatna |
| 20361  | EE         | 5940     | 01  | Cont Reg: Off Campus              | 1-2    |      |                 |      |      | Muknahallipatna |
| 20362  | EE         | 5960     | 01  | Thesis Research                   | 1-12   |      |                 |      |      | Muknahallipatna |
| 20364  | EE         | 5980     | 01  | Dissertation Research             | 1-12   |      |                 |      |      | Muknahallipatna |
| 20366*   | EE         | 5990     | 01  | Internship                        | 1-12   |      |                 |      |      | Wright          |

## Energy Systems Engineering 766-2122

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact: Office Associate Kris Brewer (766-2122) 2052 Engineering Building.

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

|       |      |     |      |    |                           |   |    |                 |    |      |       |
|-------|------|-----|------|----|---------------------------|---|----|-----------------|----|------|-------|
| 22722 | WC<> | ESE | 4070 | 01 | Energy Systems Design II  | 3 | TR | 11:00am 12:15pm | EN | 3109 | Kilty |
|       |      |     |      |    | Cross listed with: ME4070 |   |    |                 |    |      |       |

## Engineering Science 766-4253

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact: Associate Dean Steven F. Barrett (766-6181) 2076 Engineering Building.

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

### ES 1060 (All Sections): Students must enroll in a laboratory section.

|       |  |    |      |    |                               |   |    |                 |      |      |          |
|-------|--|----|------|----|-------------------------------|---|----|-----------------|------|------|----------|
| 21233 |  | ES | 1060 | 01 | Intro to Problem Solving      | 3 | WF | 10:00am 10:50am | EN   | 1045 | Barrett  |
| 23898 |  | ES | 1060 | 02 | Intro to Problem Solving      | 3 | TR | 08:00am 08:50am | EN   | 1045 | Anderson |
| 22274 |  | ES | 1060 | 10 | Laboratory                    | 0 | R  | 01:10pm 03:00pm | STEM | 320  | Anderson |
| 22275 |  | ES | 1060 | 11 | Laboratory                    | 0 | R  | 03:10pm 05:00pm | STEM | 320  | Anderson |
| 23899 |  | ES | 1060 | 12 | Laboratory                    | 0 | F  | 01:10pm 03:00pm | STEM | 320  | Anderson |
| 23900 |  | ES | 1060 | 13 | Laboratory                    | 0 | W  | 01:10pm 03:00pm | STEM | 320  | Anderson |
| 25028 |  | ES | 1060 | 14 | Laboratory                    | 0 | W  | 03:10pm 05:00pm | STEM | 320  | Anderson |
| 28247 |  | ES | 1061 | 80 | Eng Prob Solv w/ Spreadsheets | 1 | W  | 07:30pm 08:30pm |      |      | Staff    |

### ES 1101 (All Sections): Students will be introduced to active learning, inquiry of pressing issues, and individual and collaborative processing of ideas. Involves problem solving, the design process, critical thinking and ethics, time management, team work skills, as well as activities to help transition to university environment.

|       |      |    |      |    |  |   |     |                 |    |      |          |
|-------|------|----|------|----|--|---|-----|-----------------|----|------|----------|
| 25628 | <>FY | ES | 1101 | 01 | First-Year Seminar: Intro Engr               | 3 | MWF | 10:00am 10:50am | EN | 2105 | Staff    |
| 26832 | <>FY | ES | 1101 | 02 | First-Year Seminar: Intro Engr               | 3 | MWF | 08:00am 08:50am | EN | 2105 | Barrett  |
| 26835 | <>FY | ES | 1101 | 03 | First-Year Seminar: Intro Engr               | 3 | MWF | 01:10pm 02:00pm | EN | 2105 | Staff    |
| 26836 | <>FY | ES | 1101 | 04 | First-Year Seminar: Intro Engr               | 3 | TR  | 11:00am 12:15pm | EN | 2105 | Staff    |
| 26837 | <>FY | ES | 1101 | 05 | First-Year Seminar: Intro Engr               | 3 | TR  | 01:20pm 02:35pm | EN | 2105 | Pishko   |
| 21234 |      | ES | 2110 | 01 | Statics                                      | 3 | MWF | 08:00am 08:50am | CR | 103  | Erikson  |
| 21235 |      | ES | 2110 | 02 | Statics                                      | 3 | MWF | 09:00am 09:50am | EN | 1045 | Kelly    |
| 21236 |      | ES | 2110 | 03 | Statics                                      | 3 | TR  | 08:10am 09:25am | CR | 219  | Barker   |
| 27912 |      | ES | 2110 | 04 | Statics                                      | 3 | TR  | 11:00am 12:15pm | EN | 1045 | Erikson  |
| 21237 |      | ES | 2120 | 01 | Dynamics                                     | 3 | MWF | 09:00am 09:50am | EN | 2110 | Lutz     |
| 21238 |      | ES | 2120 | 02 | Dynamics                                     | 3 | MWF | 11:00am 11:50am | EN | 2110 | Lutz     |
| 27285 |      | ES | 2120 | 03 | Dynamics                                     | 3 | TR  | 11:00am 12:15pm | EN | 2110 | Parish   |
| 21239 |      | ES | 2210 | 01 | Elec Circ Analysis                           | 3 | MWF | 08:00am 08:50am | EN | 1045 | Anderson |
|       |      |    |      |    | Students must enroll in a laboratory section |   |     |                 |    |      |          |
| 21241 |      | ES | 2210 | 10 | Laboratory                                   | 0 | M   | 04:10pm 06:00pm | EN | 5049 | Anderson |
| 27915 |      | ES | 2210 | 11 | Laboratory                                   | 0 | T   | 10:00am 11:50am | EN | 5049 | Staff    |

# College of Engineering and Applied Science

| CRN   | USP 03<>15 | Course # | Sec | Course Title       | Cr Hrs | Days | Times           | Bldg | Room | Instructor |
|-------|------------|----------|-----|--------------------|--------|------|-----------------|------|------|------------|
| 21242 | ES         | 2210     | 12  | Laboratory         | 0      | T    | 04:10pm 06:00pm | EN   | 3108 | Anderson   |
| 27933 | ES         | 2210     | 13  | Laboratory         | 0      | W    | 04:10pm 06:00pm | EN   | 5049 | Staff      |
| 27934 | ES         | 2210     | 14  | Laboratory         | 0      | R    | 10:00am 11:50am | EN   | 5049 | Staff      |
| 21245 | ES         | 2210     | 15  | Laboratory         | 0      | R    | 02:10pm 04:00pm | EN   | 5049 | Anderson   |
| 21246 | ES         | 2310     | 01  | Thermodynamics     | 3      | MWF  | 02:10pm 03:00pm | EN   | 2110 | Lutz       |
| 21247 | ES         | 2310     | 02  | Thermodynamics     | 3      | MWF  | 10:00am 10:50am | EN   | 3102 | Snider     |
| 27935 | ES         | 2310     | 03  | Thermodynamics     | 3      | TR   | 11:00am 12:15pm | EN   | 3070 | Lutz       |
| 21248 | ES         | 2330     | 01  | Fluid Dynamics     | 3      | MWF  | 11:00am 11:50am | EN   | 1045 | Staff      |
| 21249 | ES         | 2330     | 02  | Fluid Dynamics     | 3      | MWF  | 12:00pm 12:50pm | EN   | 1045 | Adidharma  |
| 21250 | ES         | 2410     | 01  | Mech of Material I | 3      | MWF  | 01:10pm 02:00pm | EN   | 1045 | Erikson    |
| 21251 | ES         | 2410     | 02  | Mech of Material I | 3      | MWF  | 02:10pm 03:00pm | EN   | 1045 | Erikson    |
| 28025 | ES         | 2410     | 03  | Mech of Material I | 3      | TR   | 09:35am 10:50am | EN   | 1045 | Staff      |
| 25070 | ES         | 4910     | 01  | Survey Engr Mgt    | 3      | MW   | 03:15pm 04:30pm | EN   | 2105 | Staff      |

## Environmental Engineering 766-2390

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact: Office Associate Mindy Zwieg (766-2390) 3074 Engineering Building.

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

|       |      |      |    |                                   |      |     |                 |    |     |           |
|-------|------|------|----|-----------------------------------|------|-----|-----------------|----|-----|-----------|
| 27704 | ENVE | 5410 | 01 | Adv Biol Wastewater Treatment     | 3    |     |                 |    |     | Staff     |
|       |      |      |    | Cross listed with: CE5410 CHE5410 |      |     |                 |    |     |           |
| 27858 | ENVE | 5430 | 01 | Envr Eng Chem                     | 3    | MWF | 01:10pm 02:00pm | CR | 144 | Urynowicz |
| 22936 | ENVE | 5960 | 01 | Thesis Research                   | 1-12 |     |                 |    |     | Staff     |
|       |      |      |    | Satisfactory/Unsatisfactory only  |      |     |                 |    |     |           |
| 23128 | ENVE | 5960 | 02 | Thesis Research                   | 1-12 |     |                 |    |     | Brant     |

## Mechanical Engineering 766-2122

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact: Office Associate Kris Brewer (766-2122) 2052 Engineering Building.

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

|       |      |      |      |  |     |     |                 |    |      |             |
|-------|------|------|------|--|-----|-----|-----------------|----|------|-------------|
| 26615 | ME   | 3005 | 01   | Engineering Experimentation                  | 3   | TR  | 08:35am 09:25am | AN | 220  | Frick       |
| 26634 | ME   | 3005 | 10   | Laboratory                                   | 0   | T   | 09:35am 10:50am | EN | 2044 | Frick       |
| 26624 | ME   | 3005 | 11   | Laboratory                                   | 0   | T   | 11:00am 12:15pm | EN | 2044 | Frick       |
| 26622 | ME   | 3005 | 12   | Laboratory                                   | 0   | T   | 01:20pm 02:35pm | EN | 2044 | Frick       |
| 20833 | ME   | 3010 | 01   | Interm Mech-Mtrls                            | 3   | MWF | 03:10pm 04:00pm | AS | 209  | Han         |
| 26639 | ME   | 3160 | 01   | Thermal/Fluid Science Lab                    | 3   | T   | 08:00am 08:50am | AS | 209  | Kilty       |
| 28057 | ME   | 3160 | 10   | Laboratory                                   |     | T   | 09:00am 10:50am | EN | 2064 | Kilty       |
| 28064 | ME   | 3160 | 11   | Laboratory                                   | 0   | T   | 11:00am 12:50pm | EN | 2064 | Kilty       |
| 28069 | ME   | 3160 | 12   | Laboratory                                   |     | T   | 01:10pm 03:00pm | EN | 2064 | Kilty       |
| 20834 | ME   | 3170 | 01   | Machine Design                               | 3   | MWF | 02:10pm 03:00pm | EN | 2105 | Coon        |
| 20835 | ME   | 3360 | 01   | Transport Phenomena                          | 3   | MWF | 01:10pm 02:00pm | CR | 214  | Stoellinger |
|       |      |      |      | Cross listed with: ARE3360                   |     |     |                 |    |      |             |
| 21982 | ME   | 3450 | 01   | Prop of Materials                            | 3   | MWF | 10:00am 10:50am | EN | 2110 | Aidhy       |
| 20836 | ME   | 4020 | 01   | Design Mech/Elec Systems                     | 3   | MWF | 09:00am 09:50am | EN | 3102 | Anderson    |
|       |      |      |      | Students must enroll in a laboratory section |     |     |                 |    |      |             |
| 20837 | ME   | 4020 | 10   | Laboratory                                   | 0   | R   | 08:10am 09:25am | EN | 2045 | Anderson    |
| 22515 | ME   | 4020 | 11   | Laboratory                                   | 0   | R   | 09:35am 10:50am | EN | 2045 | Anderson    |
| 20839 | ME   | 4020 | 12   | Laboratory                                   | 0   | R   | 11:00am 12:15pm | EN | 2045 | Anderson    |
| 20838 | ME   | 4020 | 13   | Laboratory                                   | 0   | R   | 01:20pm 02:35pm | EN | 2045 | Anderson    |
| 21210 | WC<> | ME   | 4070 | Systems Design II                            | 3   | TR  | 11:00am 12:15pm | EN | 3109 | Kilty       |
|       |      |      |      | Cross listed with: ESE4070                   |     |     |                 |    |      |             |
| 20840 | ME   | 4215 | 01   | Comp Design & Mfgr                           | 3   | TR  | 01:20pm 02:35pm | EN | 3111 | Peck        |
| 20841 | ME   | 4340 | 01   | Gas Turbine Eng                              | 3   | MWF | 01:10pm 02:00pm | AS | 209  | Dellenback  |
| 28035 | ME   | 4450 | 01   | Princ Mat Selection                          | 3   | MWF | 10:00am 10:50am | AS | 209  | Coon        |
| 28033 | ME   | 4460 | 01   | Solar/Geothermal Engineering                 | 3   | MWF | 11:00am 11:50am | AS | 209  | Cai         |
| 28029 | ME   | 5045 | 01   | Adv Finite Element Analysis                  | 3   | MWF | 11:00am 11:50am | EN | 2070 | Han         |
| 28030 | ME   | 5442 | 01   | Advanced Fluid Mechanics                     | 3   | MWF | 09:00am 09:50am | EN | 2070 | Naughton    |
| 28032 | ME   | 5455 | 01   | Combustion Eng                               | 3   | MWF | 10:00am 10:50am | EN | 2070 | Belmont     |
| 28028 | ME   | 5472 | 01   | Continuum Mechanics                          | 3   | MWF | 01:10pm 02:00pm | EN | 2070 | Han         |
| 20842 | ME   | 5478 | 01   | Sem Mechanical Engineer                      | 2   | R   | 03:10pm 05:00pm | EN | 1045 | Frick       |
|       |      |      |      | Satisfactory/Unsatisfactory only             |     |     |                 |    |      |             |
| 22212 | ME   | 5920 | 01   | Cont Reg: On Campus                          | 1-2 |     |                 |    |      | Frick       |
|       |      |      |      | Satisfactory/Unsatisfactory only             |     |     |                 |    |      |             |

# College of Engineering and Applied Science

| CRN   | USP 03<>15 | Course # | Sec | Course Title  | Cr Hrs | Days | Times | Bldg | Room | Instructor |
|-------|------------|----------|-----|---|--------|------|-------|------|------|------------|
| 20843 |            | ME 5940  | 01  | Cont Reg: Off Campus<br>Satisfactory/Unsatisfactory only  | 1-2    |      |       |      |      | Frick      |
| 20844 |            | ME 5960  | 01  | Thesis Research<br>Satisfactory/Unsatisfactory only       | 1-12   |      |       |      |      | Frick      |
| 22517 |            | ME 5961  | 01  | Graduate Projects   | 1-4    |      |       |      |      | Frick      |
| 22073 |            | ME 5980  | 01  | Dissertation Research<br>Satisfactory/Unsatisfactory only | 1-12   |      |       |      |      | Frick      |

## Petroleum Engineering 766-2500

Prompt, accurate and personalized academic advising is a top priority at the University of Wyoming. If you need advising assistance or have advising concerns, please contact: Department Head Hertanto Adidharma(766-2500) 4055 Engineering Building.

An asterisk ( \* ) following the course reference number (CRN) indicates controlled enrollment. You must contact the appropriate academic department to obtain permission to register for the course and for professor/section choice.

|  |      |           |    |  |      |     |                 |    |      |             |
|--|------|-----------|----|--|------|-----|-----------------|----|------|-------------|
| 26348  |      | PETE 2050 | 01 | Fund of Petroleum Engineering  | 3    | TR  | 08:10am 09:25am | EN | 4045 | Tahmasebi   |
| 23413  |      | PETE 3100 | 01 | Rock & Fluids Lab  | 2    | W   | 02:10pm 04:00pm | EN | 4052 | Goual       |
| 21692  |      | PETE 3200 | 01 | Reservoir Engineering  | 3    | MWF | 10:00am 10:50am | CR | 214  | Dejam       |
| 23000  |      | PETE 3265 | 01 | Drilling Fluids Laboratory   | 3    | M   | 02:10pm 05:00pm | EN | 4009 | Fu          |
| 23226  |      | PETE 3265 | 02 | Drilling Fluids Laboratory   | 3    | T   | 02:10pm 05:00pm | EN | 4009 | Sharma      |
| 24539  |      | PETE 3265 | 03 | Drilling Fluids Laboratory   | 3    | W   | 02:10pm 05:00pm | EN | 4009 | Fu          |
| 28121  |      | PETE 3265 | 04 | Drilling Fluids Laboratory   | 3    | R   | 02:10pm 05:00pm | EN | 4009 | Staff       |
| 21691  |      | PETE 3715 | 01 | Production Engineering   | 3    | MWF | 09:00am 09:50am | BC | 138  | Fu          |
| 22219  |      | PETE 3725 | 01 | Well Bore OP   | 3    | TR  | 11:00am 12:15pm | GE | 216  | Cuthbertson |
| <b>PETE 3900 (All Sections): Satisfactory/Unsatisfactory only</b>            |      |           |    |  |      |     |                 |    |      |             |
| 21693*   |      | PETE 3900 | 01 | Undergrad Research   | 1-6  |     |                 |    |      | Staff       |
| 27333*   |      | PETE 3900 | 02 | Undergrad Research   | 1-6  |     |                 |    |      | Staff       |
| 27413*   |      | PETE 3900 | 03 | Undergrad Research   | 1-6  |     |                 |    |      | Staff       |
| 27438*   |      | PETE 3900 | 04 | Undergrad Research   | 1-6  |     |                 |    |      | Staff       |
| 27481*   |      | PETE 3900 | 05 | Undergrad Research   | 1-6  |     |                 |    |      | Staff       |
| 22078  |      | PETE 4060 | 01 | Flw Thru Porous Media<br>Cross listed with: PETE5060   | 3    | F   | 01:00pm 04:00pm | CR | 314  | Piri        |
| 22260  |      | PETE 4320 | 01 | Well Log Interpretation  | 3    | TR  | 02:45pm 04:00pm | CR | 214  | Saraji      |
| 28122  | <>C3 | PETE 4736 | 01 | Petroleum Eng Design   | 4    | M   | 01:10pm 02:00pm | EN | 4045 | Toelle      |
| 28123  | <>C3 | PETE 4736 | 02 | Petroleum Eng Design   | 4    | M   | 01:10pm 02:00pm | EN | 4054 | Cuthbertson |
| 21694*   |      | PETE 4970 | 01 | Internship in PETE   | 3    |     |                 |    |      | Staff       |
| 27018*   |      | PETE 4990 | 01 | Topics: Shale Res Development<br>Cross listed with: PETE5150<br>Prerequisites are GEOL 1100 & PETE 3200<br>Contact the department to enroll. | 3    | MWF | 09:00am 09:50am | CR | 222  | Toelle      |
| 28124  |      | PETE 5020 | 01 | Thermodynamics   | 3    | TR  | 09:35am 10:50am | EN | 2105 | Staff       |
| 22077  |      | PETE 5060 | 01 | Flow Thru Porous Media<br>Cross listed with: PETE4060  | 3    | F   | 01:00pm 04:00pm | CR | 314  | Piri        |
| 26347  |      | PETE 5150 | 01 | Tp: Teach, Res, Theory Method  | 3    | MW  | 10:00am 11:50am | EN | 4045 | Gasem       |
| 28125  |      | PETE 5150 | 02 | Tp: Material, Energy & Environ   | 3    | MWF | 12:00pm 12:50pm | EN | 4045 | Fan         |
| 27019  |      | PETE 5150 | 03 | Topics: Shale Res Development<br>Cross listed with: PETE4990   | 3    | MWF | 09:00am 09:50am | CR | 222  | Toelle      |
| 20484  |      | PETE 5890 | 01 | Petroleum Engineering Seminar  | 1    | M   | 03:10pm 04:00pm | CR | 214  | Fan         |
| <b>The following 5900-level courses are Satisfactory/Unsatisfactory only</b> |      |           |    |  |      |     |                 |    |      |             |
| 20485*   |      | PETE 5920 | 01 | Cont Reg: On Campus  | 1-2  |     |                 |    |      | Staff       |
| 20486*   |      | PETE 5940 | 01 | Cont Reg: Off Campus   | 1-2  |     |                 |    |      | Staff       |
| 20487  |      | PETE 5960 | 01 | Thesis Research  | 1-12 |     |                 |    |      | Staff       |
| 20488  |      | PETE 5980 | 01 | Dissertation Research  | 1-12 |     |                 |    |      | Staff       |
| 20489*   |      | PETE 5990 | 01 | Internship   | 1-12 |     |                 |    |      | Staff       |