

January 4, 2011

Happy New Year from Phoenix College!

We are offering the following classes in our Surveying Technology Program. Please sign up ASAP to avoid cancellation. The APLS scholarship is available if money is an issue, as well as other scholarships.

1. CET201 Boundary Control & Legal Principles - The focus is on boundary surveying with the laws and principles that guide anyone involved with land acquisition. This class utilizes the book by the same title and is recognized as the top reference book on the subject. Taught by John Rose.
2. CET205 Photogrammetry - Covers the ins and outs of this fascinating aspect of large area surveying. It is taught by John Cahoon, a Certified Photogrammetrist who conducts a portion of the class at his company nearby, Kenney Aerial Mapping. A great hands on class on an interesting topic.
3. CET257 Route & Construction Surveying - Emphasis on horizontal and vertical curves as well as all aspects of construction surveying. Strong focus on calculations related to civil engineering plans. It is taught by Steve Duryea, a local RLS who has had a long career in all aspects of land surveying, including the business side. It has 8 five hour Saturday labs throughout the semester.
4. CET101 Surveying I - Our basic course that introduces students to measurement techniques and ends with the development and adjustment of traverses. It will give anyone involved a great introduction to surveying. This class is taught by John Rose. It has 8 five hour Saturday labs throughout the semester.

During these times it is hard to give your employees any extra hours or money, but you can help them (and yourself) get a better education. I have found that employees with the drive and gumption to go to school have better attitudes and ambition. They tend to want to figure things out and make decisions that won't kill you or your budget. We all need people who love their career and want to make a difference. PC offers classes that will challenge and motivate them.

Our proven track record of producing graduates, RLSs and LSITs demonstrates the value of our curriculum and instructors. We too are suffering from the economic downturn and have struggled to field our classes each of the past five semesters. Last semester our committed staff took less money to teach shorthanded classes that have kept our program going.

Below is a list of our classes this upcoming semester. The spring semester begins January 23rd with registration on line (<http://www.pc.maricopa.edu/index.php?page=127&subpage=4148>), phone (602-285-7777) or in person on our beautiful campus at 1202 West Thomas Road in Phoenix. APLS and the Scholarship Foundation continue to support our students with scholarships that are available on line at phoenixcollege.edu/scholarships .

▼ Surveying I (CET101)

3 Credits

Fundamental surveying principles including theory and field work using the level and transit, horizontal measurement by tape or stadia, benchmark and profile leveling traverse surveys and computations, establishment of line and grade. Designed to develop semi-professional personnel working for private or government engineering agencies. Prerequisites: DFT107, or GTC/MET108, or MAT182, or MAT187, or equivalent, or permission of Department or Division.

| Class# | Semester | Location | Delivery | Dates | Days | Times | Instructor | Availability |
|--------|-------------|--------------|-----------|------------------------|------|----------------|------------|---|
| 36564 | Spring 2012 | Phoenix E202 | In Person | 01/19/2012- 05/11/2012 | Th | 4:30PM- 7:00PM | J. Rose | Open 18 of 24 Seats Available |

▼ Boundary Control And Legal Principles I (CET201)

3 Credits

Principles of land surveying, boundary controls, ethical and legal principles, and office practices. Prerequisites: CET101 or permission of Department or Division.

| Class# | Semester | Location | Delivery | Dates | Days | Times | Instructor | Availability |
|--------|-------------|--------------|-----------|------------------------|------|----------------|------------|---|
| 36566 | Spring 2012 | Phoenix E202 | In Person | 01/17/2012- 05/11/2012 | Tu | 4:30PM- 7:00PM | J. Rose | Open 22 of 24 Seats Available |

▼ Photogrammetry (CET205)

3 Credits

An introduction to the study of aerial cameras, equipment, flight procedures, and interpretation of aerial photographs, including stereoscopic principles used in planimetric and topographic maps, map projections, grids, and forms. Practical applications of principles stressed. Prerequisites: CET102 or permission of Department or Division.

| Class# | Semester | Location | Delivery | Dates | Days | Times | Instructor | Availability |
|--------|-------------|--------------|-----------|------------------------|------|----------------|------------|---|
| 36567 | Spring 2012 | Phoenix E201 | In Person | 01/23/2012- 05/11/2012 | M | 4:30PM- 7:00PM | J. Cahoon | Open 23 of 24 Seats Available |

▼ Route And Construction Surveying (CET257)

3 Credits

Principles and field practice of route and construction surveying, including route control surveys, construction control, topographic mapping, highway curves, and computations for roadways, utilities, bridges, buildings, small commercial sites, and subdivisions. Prerequisites: CET102 or permission of Department or Division.

| Class# | Semester | Location | Delivery | Dates | Days | Times | Instructor | Availability |
|--------|-------------|--------------|-----------|------------------------|------|----------------|--------------|---|
| 36568 | Spring 2012 | Phoenix E201 | In Person | 01/19/2012- 05/11/2012 | Th | 4:30PM- 7:00PM | C. Duryea Jr | Open 24 of 24 Seats Available |

As you can see our numbers are woefully thin but students are notorious procrastinators. If you don't feel you have the prerequisites but have enough experience to succeed, e-mail me and a waiver can be granted based on your experience. Our tuition continues to be low (\$76 per credit hour) and our schedules worker friendly (4:30 to 7:00 PM). Please contact me with any questions, we appreciate your support.

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