School of Civil Engineering

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

1. New course with supporting documents
2. Add existing course offered at another campus
3. Expiration of a course
4. Change in course number
5. Change in course title
6. Change in course credit/type

PROPOSED:

Subject Abbreviation: CE
Course Number: 303
Long Title: Engineering Surveying
Short Title: Engineering Surveying
Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

CREDIT TYPE
1. Fixed Credit: Cr. Hrs. 3.0
2. Variable Credit Range:
   Minimum Cr. Hrs. 3
   (Check One) To Or
   Maximum Cr. Hrs. 3
3. Equivalent Credit: Yes No /
4. Thesis Credit: Yes No /

COURSE ATTRIBUTES: Check All That Apply.
1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Maximum repeatable credit:
5. Credit by Examination
6. Designator Required
7. Special Fees

Instructional Type
Lecture
Lab Prep
Studio
Distance
Clinic
Experiential
Research
Ind. Study
Pract/Observ

Meeting Per Week
Per Mgr
50
2
16
67
Live
Live

% of Credit Allocated
Delivered Method (Asyn. Or Syn.)

Deliver Medium/Audio, Internet, Live, Text Based, Video

TERMS OFFERED
Check All That Apply:
Summer Fall Spring

CAMPUS(ES) INVOLVED
Calumet Fort Wayne
Indianapolis N. Central
W.Lafayette Cont Ed
Tech Statewide

OFFICE OF THE REGISTRAR

Sem. 2, Class 2, lab.3, cr.3. Prerequisite: CE203 or equivalent.
Horizontal and vertical control surveys on site and route projects for engineering design and construction layout. Geometric design of horizontal circular curves, spiral easement curves, and vertical parabolic curves. Earthwork volume computation and balancing. Use of coordinate geometry (COGO) design software including terrain and design surface modeling. Methods and tools used for construction layout, as-built surveys, and industrial measurements.