PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

DEPARTMENT: COMPUTER SCIENCE
EFFECTIVE SESSION: FALL 2011

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 course
☐ 4. Change in course number
☐ 5. Change in course title
☒ 6. Change in course credit type

PROPOSED:

Subject Abbreviation: CS
Course Number: 36000
Long Title: SENIOR CAPSTONE PROJECT
Short Title: Software Engineering

EXISTING:

Subject Abbreviation: CS
Course Number: 36000
Long Title: Software Engineering
Short Title: Software Engineering

TERMS OFFERED:

Check All That Apply:
☒ Fall  ☑ Spring  □ Summer

CAMPUS(ES) INVOLVED:

☒ Calumet  □ Cont Ed  □ N. Central
☒ Ft. Wayne  □ Tech Statewide  □ W. Lafayette

Abbreviated title will be entered by the Office of the Registrar if omitted. (50 CHARACTERS ONLY)

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 4
2. Variable Credit Range:
   Minimum Cr. Hrs. (Check One) ☑ To Or
   Maximum Cr. Hrs. Yes ☑ No ☐
3. Equivalent Credit: Yes ☑ No ☐

COURSE ATTRIBUTES:

Check All That Apply:
☐ 1. Pass/Not Pass Only
☐ 2. Satisfactory/Unsatisfactory Only
☐ 3. Repeatable
☐ 4. Credit by Examination
☐ 5. Special Fees
☐ 6. Registration Approval Type
   ☐ Department  ☑ Instructor
☐ 7. Variable Title
☐ 8. Honors
☐ 9. Full Time Privilege
☐ 10. Off Campus Experience

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):


* COURSE LEARNING OUTCOMES:

1. Gain knowledge of the historical background and fundamental principles of software engineering
2. Gain an understanding of the process of software developments and the variety of contemporary development models
3. Learn and apply skills critical to software development with focus on object-oriented analysis, design, implementation and testing
4. Understand the advantages and disadvantages of alternative team organizations for software development
5. Understand issues of ethics and professionalism and the impact of computing on individuals and society

Calumet Department Head  Date  Calumet School Dean  Date
Ft. Wayne Department Head  Date  Fort Wayne School Dean  Date
Indianapolis Department Head  Date  Indianapolis School Dean  Date
North Central Faculty Senate Chair  Date  Vice Chancellor for Academic Affairs  Date
West Lafayette Department Head  Date  West Lafayette College/School Dean  Date
West Lafayette Registrar  Date

OFFICE OF THE REGISTRAR