Syllabus
CSC 2885
Senior Project
Spring 2020

Instructor: Dr. John Youssefi
Office: SM 205
Phone: (650) 508 - 3450 / jyoussefi@ndnu.edu
Office Hours: Tuesday, Thursday 5:30 - 6:30 p.m. or by appointment
Course Hours: Tuesday 6:30 – 9:30 pm

Prerequisites: Senior standing in Computer Science and permission of instructor.

Course Description:

Senior capstone course and project. Methodology and implementation of team approach to: management, analysis, design, development, implementation and testing of a software application. The project will follow the software engineering specific phases. Modular approach, coordination techniques, object-oriented and/or other software development methods.

Course Objectives:

- Student will show mastery of computer science design and programming skills by applying them towards building a significant project. (PLOs 1)
- Student will design and implement an individual project and present his/her work to the class. (PLOs 2)
- Students will help each other by sharing specialized information and conducting peer reviews of design and coding. (PLOs 3)
- Student will choose a project that serves the community (PLOs 5)

* “PLOs” refers to the 'CIS Program Learning Outcomes' which can be found in the catalog https://www.ndnu.edu/documents/university-catalog-2018-2019.pdf#page=73

Procedures:

Each class meeting will include your presentation with the progress on your project, and it will be followed by discussions on how to improve your project. Each meeting you will report on the additional components you have added to your project as a result of the previous meeting discussions. You will receive a grade during each meeting, representing your progress towards the completion of the project. You are encouraged to work in teams but you may also work individually if you choose so. Team work is very helpful to everyone and it is required by the business world.

Assessment Methods:

- Weekly Progress Report
- Project Presentation
- Through a comprehensive project
Attendance:
Attendance is mandatory, as you have to submit reports and participate in class discussions. If you have to miss a class you need to inform me in advance. Special arrangements can be made if required by special circumstances. If you miss a meeting without my approval you will get 0 (zero) points for that meeting report.

Project Presentation and Portfolio:
You will give a final presentation of your project during the week of the Final Exams. You also must produce a portfolio with the detailed documentation of your project. This portfolio must be submitted at the time of the Final Exam.

Grading:
FINAL SCORE = 50% Weekly Reports Average + 20% Final Presentation + 30% Portfolio

Letter grades will be assigned on the following basis:

A = 93-100, A- = 89-92
B+ = 85-88, B = 80-84, B- = 76-79
C+ = 72-75, C = 67-71, C- = 63-66
D+ = 59-62, D = 54-58, D- = 50-53
F = 0-49.

Incomplete Grades Policy:
The College's policy on Incomplete Grades states that "A grade of Incomplete may be given for a course in which the work completed at midterm or beyond is of passing grade, but some portion of the course remains unfinished because of serious illness or for some other reason over which the student has no control."

In addition to these requirements, a student should satisfy the following condition in order to be considered for an Incomplete:
At the time of the request for the Incomplete the student has at least a C (2.0) average in the course work which was due up to that time.

Average Student Workload Expectations: Class time consists of 45 hours and students are expected to attend. Students are expected to engage in approximately 85 hours of out-of-class homework over the fifteen weeks, or approximately seven hours per week. Course assignments are made in accordance with this expectation.

Workload Distribution: Hours in Class: 45
Readings: 35
Written Assignments: 35
Project Presentation Preparation: 15
Student Success Center  650-508-3696
The Student Success Center (SSC), located in the Campus Center, is dedicated to supporting students’ academic success at NDNU. The SSC provides writing and subject tutoring, test proctoring for students with accommodations, facilitates the math placement test (MPT), and is open for students from 8:00 a.m. – 10:00 p.m. with business hours from 9:00 a.m. – 5:00 p.m.
For more information, see: https://www.ndnu.edu/academics/student-success-center/

The goal of the Student Success Center is to promote student learning and academic innovation. Professional staff members, peer tutors, academic advisors, and faculty work together to promote a supportive educational environment. Writing and subject tutoring schedules are forwarded directly to students’ NDNU e-mails and are included in the Student Weekly Update circulated by NDNU’s Communications Department.

Disability Resource Center
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Students with disabilities, whether physical, learning, or psychological, who believe that they may need accommodations in this class are encouraged to contact the Disability Resource Center as soon as possible to ensure that such accommodations are implemented in a timely fashion. Please meet with the DRC staff to verify your eligibility for any classroom accommodations and for academic assistance related to your disability. Accommodations are not provided retroactively. The Disability Resource Center is located at St Joseph Hall, 117. Please contact the DRC by email at DRC@ndnu.edu or by phone at 650-508-3670.

Counseling Services  (650) 508-3714  Counselingservices@ndnu.edu  New Hall E18 / E19
The mission of Counseling Services is to promote and enhance the overall wellbeing of students so that they may reach their potential for personal growth and academic success. Counseling Services is open Monday-Friday from 9am to 5pm, and currently enrolled students are welcome to call, email or drop-by to schedule an appointment.

Course Evaluations/Teaching Effectiveness Surveys: Term 2 and Full-Semester
Spring 2020 Full-semester and Term 2 courses
Teaching Effectiveness Surveys (course evaluations) will be available online through Campus Portal from April 27 – May 15, 2020. Your feedback regarding courses and faculty is very important to Notre Dame de Namur University, to your faculty, and to me as the instructor for this course. Your feedback helps us review and improve their teaching, helps departments/programs review and improve program content, and is used by the university in making decisions about tenure, promotion, and hiring decisions for part-time faculty.

Directions: To access, please enable pop-ups in your browser (uncheck pop-up blocker), then in Campus Portal look for the "You have an active survey" link in the left sidebar. Click that link to open the Course Evaluation Surveys page, which has a link to a survey for each course in which you’re enrolled. Your feedback is very important! Please complete your evaluations for all your courses promptly. Remember: Your responses are anonymous.

Academic Honesty
NDNU’s core values include learning, integrity, and honesty, values we live out in all areas of our learning community. Academic honesty means you are able to demonstrate your own knowledge and skills and receive feedback on your learning that can help you improve. By taking responsibility for your own work and avoiding actions that could give you an unfair advantage over others, you are contributing to the NDNU learning community and developing professional skills and values that will serve you well into the future. Academic honesty is one of the most important
values of a university community, and breaches of this trust have serious consequences. Please see the Student Handbook for a detailed discussion of Academic Conduct expectations.

Key Academic Calendar Dates
• Monday, January 20 – Martin Luther King Day
• Drop Deadline: Tuesday, January 26
• Thursday, February 6: Professional Development Day
  • no classes before 3:00pm
• February 26 – March 3 – Midterm
• March 9 – 13 Spring Break
• Friday, March 4 – Midterm and Term 1 grades due
• May 1 – May 6 Finals
• Final Grades Due Friday, May 15