Instructor: Dr. Edward Kim
Mendel Hall 165B
Phone: 610.519.8695
Email: edward.kim@villanova.edu

Office Hours: M W 10:30 AM -12:00 PM and by appointment

Textbook: *None:*

Pre-requisites:

Course Description: This is not the standard lecture/exam course that we are all used to. Instead, the emphasis of the course is on a semester-long capstone project that synthesizes a number of ideas you have learned in other courses. Typically projects are carried out by teams of two or three. Some projects are software development projects that aim toward full production software systems. Think of Schedulr as a paradigm. Some projects are experimental software development, maybe for the software itself or maybe for the answers that it provides. Think of programs that help with packing problems, investigating ways of putting small shapes into a bigger shape. Some projects are pure research destined to look good on your grad school application, to win you regional and national research awards, and to further your career in academic computer science.

Course Requirements: Students/teams are required to

- **Attend** scheduled meetings.

- **Create** and **support** a project web page.

- **Plan**, **track** and **report** on all project work.

- **Submit** project documentation. For software development projects this may include:
    Requirements
    Task analysis
    Design options
    Prototype
    Design
    Test plan and results
    User's guide
    Code

Executable package

Project poster

Project postmortem

- **Present**, to the class and to other invited guests:

    Project goals

    Intermediate reports, as requested

    Final report/demonstration

    Poster (suitable for display)

Grade Policy:

100-93 A	89-87 B+	79-77 C+	69-67 D+	59 F
92-90 A-	86-83 B	76-73 C	66-63 D	
	82-80 B-	72-70 C-	62-60 D-	

Grading: All assignments must be completed on the due date. Assignments not handed in at all will receive an F grade. Assignments handed in late, without a proper excuse, will receive a grade penalty every day that it is late.

Project Written Report	15%
Project Oral Presentation	15%
Project Website	15%
Project Poster	15%
Planned Project Reviews	15%
Final Project Video	5%
Assignments	10%
Participation	10%

Course Calendar[*]**:** You are expected to attend every schedule meeting[†]and participate in the discussions.

Final Poster Presentation: The final poster presentation this semester will be December 9th.

Academic Integrity: Cheating on tests, plagiarism, and other forms of academic dishonesty and misconduct are completely unacceptable, especially at Villanova which prides itself on its commitment to the Augustinian values of truth, unity, and love. For more information on the Villanova academic integrity policy, see here,
https://www1.villanova.edu/villanova/vpaa/studentservices/policies/integrity/integritypolicy.html.

Attendance Policy: Every student is expected to participate in each of his/her courses through regular attendance at lecture and laboratory sessions. It is further expected that every student will be present, on time, and prepared to participate when scheduled class sessions begin. For more information on the Villanova attendance policy, see here,
https://www1.villanova.edu/villanova/vpaa/studentservices/policies/attendance.html

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[†]Note: Scheduled meetings will be posted on the course website.

Final Exam: The Registrar schedules a time for a final examination for each course. These times are available on the Registrar's website early in the semester, so students should have adequate time to make travel plans. For more information on the Villanova exam policy and timeline see here, https://www1.villanova.edu/villanova/enroll/registrar/exam_schedules.html