



COURSE PREFIX AND NUMBER: INFO 420-001/900

Official Course Title: Software Project Management 3.0 Credits

Term: Fall 2024 – Room 913

Time and Location: 1:30 – 2:50 pm Tuesdays and Thursdays

On Campus and Online ET- Live and Recorded Lectures

1. Instructor Information

Instructor Name: Dr. Ram Arthanari
Contact: Ra53@drexel.edu
Office Hours: Please email me and we can schedule some time via Zoom or at my CCI office Room 1114
Questions: Please email, text or call. Fill up my inbox 😊
Response time: Expect to hear back from me within 48 hours.
But am very quick usually.

Note on your email id: This is a reminder that as Drexel students you are required to check your received email on your Drexel accounts. If communications are needed outside Blackboard, I will email you using your Drexel accounts. Make sure your email account is not over its quota and you are actively monitoring your Drexel email during the term.

This instructor on diversity: History shows how diversity is aligned with innovation and creativity. The best decisions come from having multiple perspectives of the same problem. What could be better than learning the views from people who have grown up in different contexts? Learning is life and diversity is learning. Please help educate me with your diversity as you interact with me through the duration of this course and together we will go further than by ourselves while learning from one another...

2. Student Learning Information

<i>Catalog description</i>	The objective of this course is to study project management in the context of software systems development. The course will cover the processes, contexts, metrics, planning and management concerns of managing projects for modern software systems. College/Department: College of Computing and Informatics Repeat Status: Not repeatable for credit Restrictions: Can enroll if classification is Junior or Senior. Prerequisites: (INFO 200 [Min Grade: D] or SE 210 [Min Grade: D]) and (CS 172 [Min Grade: D] or CS 265 [Min Grade: D] or INFO 152 [Min Grade: D] or SE 103 [Min Grade: D] or CS 176 [Min Grade: D])
<i>Course purpose within a program of study</i>	Project management expands students' professional skills by preparing them to oversee a software development project from inception and to completion. This course also prepares students to better plan their work in the senior design sequence.

Statement of expected learning	<p><i>Upon successful completion of this course, a student will be able to:</i></p> <ol style="list-style-type: none"> 1. Apply fundamental project management principles 2. Effectively define software development project phases 3. Employ work breakdown structures 4. Manage tasks effectively (e.g., using CPM) 5. Apply project estimation techniques 6. Allocate tasks to project members
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3. Course Materials

These are initial materials. Others may be provided over the course of the semester.

Required text	<p><i>Project Management</i>, Harold Kerzner, 13th edition, Wiley, 2022 The book is available as either an e-text or paperback:</p> <p>Wiley E-Text: ISBN: 9781119805380</p> <p>Wiley Paperback: ISBN: 9781119805373</p> <p>Guide to the Project Management Body of Knowledge by PMI</p>
Other materials:	<p><i>Multiple sources to be provided by the instructor.</i></p>
Project Management Software	<p>Use Microsoft Project, Project Libre, Asana, ProjectManager.com, Monday.com, JIRA, Gantt Project or any PM tool you would like to get to know better. I encourage wide experimentation. Let me know via an email as to what tools you would like to try out or use. It's going to be fun!</p>

4. Course Schedule (watch Bb Learn for updates; this is a tentative outline and could change during the term) Chapter Readings to be Assigned every week. Might assign other articles and activities as well as we explore project management. Note I might change the Class Review due dates based on feedback from the students and my assessment of how well you are all doing in the course.

Week	Dates	Learning Topics
1	09/24-09/30	Syllabus; introductions, methodologies, processes <i>Class Review # 1 due on 10/01</i>
2	10/01-10/07	Value; <i>Review # 2 due 10/08</i>
3	10/08-10/14	On Campus Class only on 10/08. No Class on 10/10. Zoom or Recorded lecture for 10/10 possibly.



		Project infrastructure; Review # 3 due 10/15
4	10/15-10/21	Scope planning; Review # 4 due 10/22
5	10/22-10/28	Schedule and budget; Review # 5 due 10/29
6	10/29-11/04	Stakeholders and communications; Project 1 due 11/05
7	11/05-11/11	Special topic(s)
8	11/12-11/18	Special topic(s); Review # 6 due 11/19
9	11/19-11/25	Quality; Project 2 review; Review # 7 due 11/24
10	11/26-12/02	No on Campus Class 11/26 and 11/28 Thanksgiving Week ☹️
11	12/03-12/09	Managing change, conflict; Project 2 due 12/08

5. Teaching Modality

Recorded Lectures and online interactions and discussions

6. Assignments and grading

The course will be out of a total of 200-point scale i.e. Class Review (100) + Project 1 (50) + Project 2 (50).

There are three elements in grading that are inter-related:

- Class Reviews (Each Class Review will be using a 20-point scale) ; Best of 5 out of the 7 total submissions will be considered. [5*20 =100 total points]
- Project 1 (scored out of a 50-point scale)
- Project 2 (scored out of a 50-point scale)

This course will be delivered through assigned readings, lectures and related discussions, reviews submitted by students, and two projects. See due dates above. Both projects can be done in teams of your choosing based on number of team members established by the instructor. The effort students dedicate to these projects will be reflected in grading.

Class reviews are a combination of questions and small problems that students will prepare each week based on reading of the textbook chapters. The effort students dedicate to prepare and discuss these reviews will be reflected in grading. Students prepare class reviews and submit them via Learn. Scores from the best five (5) submissions will be included in the final grade.

All submissions are to be made as pdf files. Name your files with your last name and the name of the assignment, for example, *Simpson class review 1.pdf*. Projects may be prepared in slide or text editor and then converted to pdf. Please do not add comments to submissions in the Learn dialog boxes, as those will NOT be reviewed. All submissions are to have a professional appearance and should be prepared with software, no hand drawings, except when indicated otherwise.

For Projects, you would follow a naming convention of GROUP NUMBER_PROJECT NUMBER.pdf. Only one collective submission from a group is expected. Each member on the group has fully responsibility to ensure their team is making a timely submission, to avoid any late submissions.

7. Late Assignments

As a rule, I do not accept late assignments, unless already discussed and agreed with me ahead of time. But I completely understand that life happens, and we can work together to put in a new schedule etc. No worries.

8. Grade scale and interpretation

A+	<i>A lot of effort; excellent work in class, always</i>
A	<i>A lot of effort; excellent work in class, most of the time</i>
A-	<i>A lot of effort; excellent work in class, regularly</i>
B+	<i>Significant effort; good work in class, always</i>
B	<i>Significant effort; good work in class, most of the time</i>
B-	<i>Significant effort; good work in class, regularly</i>
C+	<i>Reasonable effort; good work in class, always</i>
C	<i>Reasonable effort; good work in class, most of the time</i>
C-	<i>Reasonable effort; good work in class, regularly</i>
D	<i>No real effort; poor work in class</i>
F	<i>You didn't try</i>

Conversion from points to letter grades is provided in the following table:

>=97	A+	87-89	B+	77-79	C+	67-69	D+
93-96	A	83-86	B	73-76	C	63-66	D
90-92	A-	80-82	B-	70-72	C-	<= 62	F

Individual work should distinguish itself from the work of other course members. Be careful in sharing ideas. Where an assignment is considered to be very similar to that of another student, I reserve the right to split the grade between the students in question.

Group work or Project 1 and Project 2 should reflect the participation of all group members on an equal basis. Group assignments are based on case studies: these will involve research and perhaps some interpolation of discovered information, as well as the analysis and synthesis of findings. As graduate students, you are expected to dedicate sufficient time to produce quality analyses of the situation and to produce original work.



9. Attendance

Weekly lecture-discussions will elaborate on content included in assigned readings and share concepts needed for class reviews. Attendance and participation are likely to improve your ability to deliver class reviews and project assignments and increase your likelihood of scoring well. Attendance would be taken by the professor randomly to keep a line of sight on student classroom participation and online presence. In addition, only the five (5) highest class reviews are counted toward the final grade, so you may elect not to submit two. If a student finds herself or himself in a situation requiring missing more than two class reviews, please contact your advisor for seeking accommodation because missing more than two will impact. Please ask if it is not clear.

Note for Online 900 Section: You will not be expected to attend sessions live and can instead view the Echo or Zoom recordings asynchronously and participate in discussions online in BBLearn and Interact with your group once it gets setup. Your attendance would take into consideration your discussion participation after viewing the lecture and your presence online.

10. Academic Policies

Course Change Policy

It is the prerogative of the instructor to change the course during the term at his discretion. If this is necessary, this syllabus will be changed, and students will be told about the changes during class time. The revised document will reflect a different “last revised” date.

Holidays and Religious Observance

The Religious Observance policy stipulates that students contact their instructors to request religious observance consideration. Please contact the instructor in case of any special needs due to religious observance or personal matters. http://drexel.edu/provost/policies/religious_observances_calendar/

Classroom/Lecture Recording

Lectures and class discussions may be recorded and/or streamed and rebroadcast for educational purposes only.

Incomplete policy

Incomplete grades are contingent upon instructor approval and will only be considered in extenuating circumstances beyond a student’s control. The instructor is under no obligation to offer an incomplete grade. At least 80% of the graded coursework must have already been completed in order for an incomplete grade to be considered (per the recommendation of the Provost’s Office). An incomplete contract with due date for delivery of the completed work should be completed by the student and the instructor. It can be found here:

http://drexel.edu/provost/policies/incomplete_grades/



University Policy

This course follows university, college, and department policies, including but not limited to:

Academic Integrity, Plagiarism, Dishonesty and Cheating

Policy: http://www.drexel.edu/provost/policies/academic_dishonesty.asp

Student Life Honesty Policy from Judicial Affairs: http://www.drexel.edu/provost/policies/academic_integrity

Student Conduct: <http://www.drexel.edu/studentlife/studenthandbook/Handbook.html>

Students with Disability Statement: <http://drexel.edu/oed/disabilityResources/students/>

Course Add/Drop Policy: <http://www.drexel.edu/provost/policies/course-add-drop>

Course Withdrawal Policy: <http://drexel.edu/provost/policies/course-withdrawal>

Department Academic Integrity Policy: <http://drexel.edu/ci/resources/current-students/undergraduate/policies/cs-academic-integrity/>

Drexel Student Learning Priorities: <http://drexel.edu/provost/assessment/outcomes/dslp/>

Office of Disability Resources: http://www.drexel.edu/ods/student_reg.html

Students [requesting accommodations](#) due to a disability at Drexel University need to request a current

Accommodations Verification Letter (AVL) in the [ClockWork database](#) before accommodations can be made.

These requests are received by Disability Resources (DR), who then issues the AVL to the appropriate contacts.

For additional information, visit the DR website at drexel.edu/oed/disabilityResources/overview/, or contact DR for more information by phone at 215.895.1401, or by email at disability@drexel.edu.

Assistance with writing

If your English or writing skills are weak, you can have your work reviewed by a Writing Intensive Tutor (WIT) in person or online, at the Writing Center

(<http://www.drexel.edu/academics/coas/writingcenter/>, MacAlister Room 0.032). Writing center tutors cannot provide feedback on course-specific assignment content, but they can help you write more coherently and correctly.