Course Syllabus

Jump to Today

EM-585: Introduction to System Architecture and Design

School of Systems and Enterprises

Fall 2023

Instructor:	Kate Kapalo, Ph.D.
Zoom Classroom Instructions:	Synchronous Sessions: Access from the "Zoom" menu to the left
Contact Information	kkapalo@stevens.edu (mailto:kkapalo@stevens.edu) or Canvas email
Office Hours:	After any synchronous class sessions and also available by appointment (https://calendly.com/drkapalo (https://calendly.com/drkapalo))
Prerequisite(s)/Corequisite(s):	EM385 - Innovative Systems Design
Textbook:	Muller: Systems Architecting (https://sit.instructure.com/courses/67527/files/12040309?wrap=1) (https://sit.instructure.com/courses/67527/files/12040309/download?download_frd=1) Other readings as assigned in the modules

TENTATIVE COURSE SCHEDULE MEETING TIMES

Week	Week of (Monday)	Tuesday (7:30 PM ET)	Thursday (6 PM ET)
1	9/4	Intro Week	
2	9/11		**9-14**
3	9/18	**Video Week**	
4	9/25		**9-28**
5	10/2	**10-3**	
6	10/9	**Video Week**	
7	10/16		**10-19**
8	10/23	**Midterm Online**	
9	10/30	**10-31**	
10	11/6		**11-9**
11	11/13	**11-14**	
12	11/20	**Videos Posted**	**Holiday (11-23 & 11-24)**
13	11/27	**11-28**	
		Finals--Students can either record their videos or present live	TBD

***This course schedule is intended for planning purposes and is subject to change at the instructor's discretion

COURSE DESCRIPTION

EM 585 builds on EM 385 and gives the student a practical introduction to Systems Architecture and Design. Lectures will introduce the students to the need and motivation for System Architecture and Design, the different views on a System Architecture, as well as theory and best practices on behavioral/functional definition, logical and physical partitioning, and interface definitions. Students will also be introduced to prevalent Architecture Frameworks used to guide architecture development. Students will apply the principles on various case studies of increasing scope.

STUDENT LEARNING OUTCOMES

After successful completion of this course, students will be able to:

- After successful completion of this course, students will be able to…
  • 1.1 Obtain a basic understanding of the use of behavioral and structural views on a System Architecture (NEW: 1)
  • 4.1 Develop behavioral and structural models of a system. (NEW: 2.1)

- 4.2 Map behavior/functionality to physical/logical components of the system (NEW 2.2)
- 5.1 Perform architectural trade studies based on relevant criteria (NEW 6) .

COURSE FORMAT AND STRUCTURE

This course is offered as a distance learning mode of instruction. Lectures will be live-streamed and/or video recorded for remote access. Assignments and exams will be administered online using Canvas. All course requirements can be completed online. To access the course, please visit **stevens.edu/canvas (http://stevens.edu/canvas)** . For more information about course access or support, contact the TRAC by calling 201-380-6599 or 201-216-5500.

Topics will be introduced and reviewed in the form of lectures, discussions, and reviews of assignments during the our finalized course meeting times. The concepts will be reinforced through exercises and project work interspersed with some theory.

Course Logistics

- Lectures are held online only via Zoom. Videos will be posted, and synchronous sessions will be available.
- Weekly discussion questions are posted on Canvas.
- Homework assignments are due on Sundays by 11:59pm ET on Canvas.
- Exams will be administered online via Canvas Quiz.
- The project deliverable is a written report to be submitted via Canvas and a presentation.

Instructor’s Online Hours

I am available via email and generally respond within 48 hours (2 business days). I monitor Canvas discussions and respond as soon as possible.

Office Hours

Office hours will be held virtually (via Zoom). These open hours provide an opportunity to discuss questions related to the weekly readings, course content, and/or assignments. A schedule will be posted with available days/times.

Online Etiquette Guidelines

Although this is a Zoom classroom, students are expected to behave like they would an in-person classroom. Students are expected to arrive on time to class meetings prepared, meaning readings and other assignments have been completed before class time. Additionally, students are expected to be respectful of their classmates and the instructor. Distracting and/or disrespectful behaviors including talking on cellphones, unmuting yourself, etc. will not be tolerated.

The use of cell phones and talking during class disrupts other students and is not allowed. Students should follow the instructor lessons and refrain from discussing or sharing inappropriate material. Decorum is expected in class (If you have a complaint - see the instructor after class in private, via email, or via office hours). We will respect everyone equally in class.

When necessary, use of websites like StackOverflow are highly encouraged to find help for (de)coding errors. You cannot ask for help online to write code for you or have someone code part or all of the assignments. The popular forums are both monitored by instructors and bots to ensure academic integrity. All source code will be checked to ensure it was written and not plagiarized through source code analyzers, where applicable.

Please use your Stevens email account or the Canvas messaging tool for direct communications outside of class. Include EM-685 in email subject lines for prompt response; **messages without the course number in the subject line may be overlooked. I teach multiple classes, with multiple students. This ensures I can assist you and support you as quickly as possible.**

Course announcements will be posted on Canvas: please ensure your Canvas notification settings will let you receive messages as soon as they are posted. I will make every effort to send announcements with adequate advance notice; failure to receive announcements is not considered a suitable excuse for not being informed, as we will learn in this course.

TENTATIVE COURSE SCHEDULE

The following schedule identifies tentative dates and topics for class sessions. Any changes will be communicated via an announcement and an updated schedule on Canvas.

****Disclaimer Statement**
Please note this is a tentative syllabus, and the instructor reserves the right to make any revisions that may be necessary to meet the objectives of the course. Students will be notified promptly of any revisions.

#	Date	Topic(s)	Assignment
1-2	9/4-9/11	Class Introductory Week(s)	**Syllabus Quiz Due** **DQ-1 Due**

3	9/18	Overview and Introduction (What is architecture, how do we need it, how do we express it?)	**DQ-2**
4	9/25	Systems Thinking	**Assignment 1 Due**
5	10/2	Creating and Evaluating System Architectures	**Assignment 2 & DQ-3**
6	10/9	Creating and Evaluating System Architectures (System Decomposition)	**DQ-4**
7	10/16	Midterm Review	Midterm Exam Review
8	10/23	**Midterm Exam Opens (Two weeks, open book and untimed)** Creating Product Architectures	**Assignment 3 & DQ 5 Due**
9	10/30	**Midterm Exam Closes (Two weeks, open book and untimed)**	**Midterm Exam Due 11/5 @11:59 PM**
10	11/6	Architecture Documentation (Thinking about the groundwork)	**Assignment 4 & DQ-6 Due**

11	11/13	Introduction to Enterprise Architecture	Assignment 5 & DQ-7 Due Work on final projects
12	11/20	Introduction to Cloud Architecture and Project Work Week	Thanksgiving Recess
13	11/27	Testing and Integration (Product Architecture & System Architecture) and Project Work Week	Assignment 6 & DQ-8 Due Work on final projects
14	12/4	Ethics/Testing and Integration (Product Architecture & System Architecture) and Project Work Week	**DQ-9 Due** **DQ-10 Due** Extra Credit: Final Draft Due
15	12/11-12/22	Finals Week--PROJECTS DUE	**All presentations due 12/21** **All projects due 12/21** BY 11:59 PM **NO EXCEPTIONS**

COURSE MATERIALS

Textbook(s):

- Muller, G. (2011). Systems architecting (PDF on Canvas)
- Readings and other relevant software will be provided in each individual module.

COURSE REQUIREMENTS

Attendance: Live online attendance at lectures is not required, but you miss material at your own risk. **These sessions with a schedule will be posted once the schedule is finalized (after the week of 9/4). All sessions will be recorded.**

Participation: Because synchronous sessions are not required, attendance is not the only form of participation. To ensure full points, you should complete the reflections, and assignments, and respond to the appropriate discussion posts. **You are responsible for ensuring you meet all deadlines.**

Individual Homework: Homework assignments must be submitted on Canvas by 11:59 pm ET on the due date. Extensions must be requested in writing at least 48 hours before the deadline. Collaboration is allowed on homework, provided each student completes their own independent work. List any collaborators on the assignment cover sheet (where applicable) and submit all source code and supporting materials. **Copying code, scripts, programs, saved models, or answers from others will not be tolerated and will result in a 0 for the assignment and referral to the appropriate offices.** Note that just because you are allowed to collaborate does NOT mean that you can turn in the same assignments. You will receive a zero for turning in the exact same assignment as another classmate. You are required to do your own thinking in this course at the graduate level.

Technical failure is not an excuse for missing assignments. Additionally, turning in corrupt or disrupted files will result in a grade of "0."

Project(s): A term project is due during the final exam period. Working individually or in pairs, the project develops a new simulation model to address a technical problem or research question. The final submission is a written report and related presentation. More information will be shared shortly after the first week of the course.

Exams: One exam covers core course content. Questions focus on fundamentals and work problems out by hand and do not require the use of software. No communication with others (except the instructor) is permitted during the exam period and students may not share any information about the exams with others during the exam week. **Violation of the Code of Academic Integrity will result in a 0 for the exam and referral to the Office of Graduate Academics.**

TECHNOLOGY REQUIREMENTS

Baseline technical skills necessary for online courses

- Basic computer and web-browsing skills
- Navigating Canvas

Technology skills necessary for this specific course

- Live web conferencing using Zoom

Required Equipment

- Computer with high-speed internet connection

GRADING PROCEDURES

This course will be graded on a points system with the following components:

Item	**Quantity**	**Points**	**Total Points**
Reflections	10	10	100
Discussion Posts	10	25	250
Assignments	6	50	300
Midterm Exam	1	50	50
Final Project	1	150	150
Final Presentation	1	100	100
1000 points possible in the course			

Grades will be assigned with the following criteria:

940 - 1000	94.0 - 100.0	A
910 - 939	91.0 - 93.9	A-
880 - 909	88.0 - 90.9	B+
850 - 879	85.0 - 87.9	B
720 - 849	72.0 - 84.9	B-
690 - 719	69.0 - 71.9	C+

560 - 689	56.0 - 68.9	C
< 560	< 56.0	F

Late Policy, Extra Credit, and Grade Appeals

Late exams, assignments, and projects will not be accepted. Extension requests (involving documented/extenuating circumstances) must be requested in writing at least 48 hours before the deadline.

- There may be opportunities for extra credit at the discretion of Dr. Kapalo.
- Grade appeals will be handled according to university and/or departmental policies.

Academic Integrity

Undergraduate Student Code of Academic Integrity

Enrollment into the undergraduate class of Stevens Institute of Technology signifies a student's commitment to the Honor System. Accordingly, the provisions of the Stevens Honor System apply to all undergraduate students in coursework and Honor Board proceedings. It is the responsibility of each student to become acquainted with and to uphold the ideals set forth in the Honor System Constitution. More information about the Honor System including the constitution, bylaws, investigative procedures, and the penalty matrix can be found online at **http://web.stevens.edu/honor/ (http://web.stevens.edu/honor/)** . By submitting work in this course (including, but not limited to, homework, projects, lab reports, code, quizzes and exams) that is assigned by the course instructor), every student agrees to the pledge as it is written below in full. A student's submission of work for academic credit indicates that the work is the student's own.

"I pledge my honor that I have abided by the Stevens Honor System."

Never let it appear that ideas and information gleaned from other sources are your own. The Academic Integrity policy defines plagiarism as "presenting the work of another as one's own (i.e., without proper acknowledgment of the source) and submitting academic work in whole or in part as one's own when such work has been prepared by another person or copied from another person."

Failure to cite sources appropriately is plagiarism, a serious academic offense. Plagiarized work will not be accepted. Consequences for plagiarism are up to the instructor's discretion; they may range, for example, from rewriting all or part of a paper to a grade of F for the course. Students who plagiarize more than once are subject to disciplinary action, including expulsion from the university.

If you have a question about using or citing another writer's work, DO NOT GUESS. Check with a consultant or me at the **Stevens Writing Center (https://www.stevens.edu/academics/undergraduate-studies/writing-communications-center)** . Bring a printout of the original source and your paper to the consultation.

Reporting Honor System Violations

Students who believe a violation of the Honor System has been committed should report it within ten business days of the suspected violation. Students have the option to remain anonymous and can report violations online at **www.stevens.edu/honor (http://www.stevens.edu/honor)**

Graduate Student Code of Academic Integrity

All Stevens graduate students promise to be fully truthful and avoid dishonesty, fraud, misrepresentation, and deceit of any type in relation to their academic work. A student's submission of work for academic credit indicates that the work is the student's own. All outside assistance must be acknowledged. Any student who violates this code or who knowingly assists another student in violating this code shall be subject to discipline.

All graduate students are bound to the Graduate Student Code of Academic Integrity by enrollment in graduate coursework at Stevens. It is the responsibility of each graduate student to understand and adhere to the Graduate Student Code of Academic Integrity. More information including types of violations, the process for handling perceived violations, and types of sanctions can be found at **www.stevens.edu/provost/graduate-academics (http://www.stevens.edu/provost/graduate-academics)** .

In this course, you will submit written work in which you make use of information and ideas found in print or online sources. Whenever you use material from another writer, it is important that you quote or paraphrase appropriately and cite the source. There will be zero tolerance for academic dishonesty.

Never let it appear that ideas and information gleaned from other sources are your own. The Academic Integrity policy defines plagiarism as "presenting the work of another as one's own (i.e., without proper acknowledgment of the source) and submitting academic work in whole or in part as one's own when such work has been prepared by another person or copied from another person."

Failure to cite sources appropriately is plagiarism, a serious academic offense. Plagiarized work will not be accepted. Consequences for plagiarism are up to the instructor's discretion; they may range, for example, from rewriting all or part of a paper to a grade of F for the course. Students who plagiarize more than once are subject to disciplinary action, including expulsion from the university.

If you have a question about using or citing another writer's work, DO NOT GUESS. Check with a consultant or me at the **Stevens Writing Center (https://www.stevens.edu/academics/undergraduate-studies/writing-communications-center)** . Bring a printout of the original source and your paper to the consultation.

EXAM CONDITIONS

The following procedures apply to exams for this course. As the instructor, I reserve the right to modify any conditions set forth below by printing revised Exam Conditions on the quiz or exam.

1. Students may use the following materials during exams. Any materials that are not mentioned in the list below are not permitted.

Material	Permitted?	
	Yes	No
Handwritten/Typed Notes	X	
Textbooks	X	
Readings	X	

2. Students may use the following devices and software during exams. Any devices or software that are not mentioned in the list below are not permitted.

Device/Software	Permitted?	
	Yes	No
Calculator	X	
Computer		X
Modeling Software		X

3. Students are not allowed to work with or talk to other students during exams.

LEARNING ACCOMMODATIONS

Stevens Institute of Technology is dedicated to providing appropriate accommodations to students with documented disabilities. The Office of Disability Services (ODS) works with undergraduate and graduate students with learning disabilities, attention deficit-hyperactivity disorders, physical disabilities, sensory impairments, psychiatric disorders, and other such disabilities in order to help students achieve their academic and personal potential. They facilitate equal access to the educational programs and opportunities offered at Stevens and coordinate reasonable accommodations for eligible students. These services are designed to encourage independence and self-advocacy with support from the ODS staff. The ODS staff will facilitate the provision of accommodations on a case-by-case basis.

For more information about Disability Services and the process to receive accommodations, visit **https://www.stevens.edu/office-disability-services (https://www.stevens.edu/office-disability-services)** . If you have any questions please contact: Phillip Gehman, the Director of Disability Services Coordinator at Stevens Institute of Technology at **pgehman@stevens.edu (mailto:pgehman@stevens.edu)** or by phone 201-216-3748.

Disability Services Confidentiality Policy

Student Disability Files are kept separate from academic files and are stored in a secure location within the Office of Disability Services. The Family Educational Rights Privacy Act (FERPA, 20 U.S.C. 1232g;

34CFR, Part 99) regulates disclosure of disability documentation and records maintained by Stevens Disability Services. According to this act, prior written consent by the student is required before our Disability Services office may release disability documentation or records to anyone. An exception is made in unusual circumstances, such as the case of health and safety emergencies.

INCLUSIVITY

Name and Pronoun Usage

As this course includes group work and class discussion, it is vitally important for us to create an educational environment of inclusion and mutual respect. This includes the ability for all students to have their chosen gender pronoun(s) and chosen name affirmed. Please inform me of the necessary changes if the class roster does not align with your name and/or pronouns.

Inclusion Statement

Stevens Institute of Technology believes that diversity and inclusiveness are essential to excellence in academic discourse and innovation. In this class, the perspective of people of all races, ethnicities, gender expressions and gender identities, religions, sexual orientations, disabilities, socioeconomic backgrounds, and nationalities will be respected and viewed as a resource and benefit throughout the semester. Suggestions to further diversify class materials and assignments are encouraged. If any course meetings conflict with your religious events, please do not hesitate to reach out to your instructor to make alternative arrangements.

You are expected to treat your instructor and all other participants in the course with courtesy and respect. Disrespectful conduct and harassing statements will not be tolerated and may result in disciplinary actions.

MENTAL HEALTH RESOURCES

Part of being successful in the classroom involves a focus on your whole self, including your mental health. While you are at Stevens, there are many resources to promote and support mental health. The Office of Counseling and Psychological Services (CAPS) offers free and confidential services to all enrolled students who are struggling to cope with personal issues (e.g., difficulty adjusting to college or trouble managing stress) or psychological difficulties (e.g., anxiety and depression). CAPS is open daily from 9:00 am – 5:00 pm M-F. Evening hours are available by appointment in the Fall / Spring semesters and up-to-date information regarding the availability of evening appointments can be found by visiting **www.stevens.edu/CAPS (http://www.stevens.edu/CAPS)** . To schedule an appointment, call 201-216-5177.

Due to the pandemic, in-person appointments may be limited until further notice. Up-to-date information about the availability of in-person services can be found at **www.stevens.edu/CAPS**

(http://www.stevens.edu/CAPS) . Teletherapy (therapy via secure video platform) is available to registered students physically located in the states of New York or New Jersey. Students located outside of NY / NJ are encouraged to pursue local treatment through their personal health insurance. To learn more about the process of finding a therapist please visit the CAPS webpage on **Seeking Help Off-Campus** (https://www.stevens.edu/directory/counseling-and-psychological-services/seeking-help-campus) .

EMERGENCY INFORMATION

In the event of an urgent or emergent concern about the safety of yourself or someone else in the Stevens community, please immediately call the Stevens Campus Police at 201-216-5105 or on their emergency line at 201-216-3911. These phone lines are staffed 24/7, year round. For students who do not reside near the campus and require emergency support, please contact your local emergency response providers at 911 or via your local police precinct. Other 24/7 national resources for students dealing with mental health crises include the National Suicide Prevention Lifeline (1-800-273-8255) and the Crisis Text Line (text “Home” to 741-741). If you are concerned about the wellbeing of another Stevens student, and the matter is *not* urgent or time sensitive, please email the CARE Team at **care@stevens.edu** (mailto:care@stevens.edu) . A member of the CARE Team will respond to your concern as soon as possible.

Course Summary:

Date	Details	Due
Tue Sep 1, 2020	**EM-585-A** (https://sit.instructure.com/calendar?event_id=296554&include_contexts=course_67527)	12:30pm to 1:45pm
Thu Sep 3, 2020	**EM-585-A** (https://sit.instructure.com/calendar?event_id=296555&include_contexts=course_67527)	12:30pm to 1:45pm
Tue Sep 8, 2020	**EM-585-A** (https://sit.instructure.com/calendar?event_id=296556&include_contexts=course_67527)	12:30pm to 1:45pm
Thu Sep 10, 2020	**EM-585-A** (https://sit.instructure.com/calendar?event_id=296557&include_contexts=course_67527)	12:30pm to 1:45pm

Date	Details	Due
Tue Sep 15, 2020	EM-585-A (https://sit.instructure.com/calendar?event_id=296558&include_contexts=course_67527)	12:30pm to 1:45pm
Thu Sep 17, 2020	EM-585-A (https://sit.instructure.com/calendar?event_id=296559&include_contexts=course_67527)	12:30pm to 1:45pm
Tue Sep 22, 2020	EM-585-A (https://sit.instructure.com/calendar?event_id=296560&include_contexts=course_67527)	12:30pm to 1:45pm
Thu Sep 24, 2020	EM-585-A (https://sit.instructure.com/calendar?event_id=296561&include_contexts=course_67527)	12:30pm to 1:45pm
Tue Sep 29, 2020	EM-585-A (https://sit.instructure.com/calendar?event_id=296562&include_contexts=course_67527)	12:30pm to 1:45pm
Thu Oct 1, 2020	EM-585-A (https://sit.instructure.com/calendar?event_id=296563&include_contexts=course_67527)	12:30pm to 1:45pm
Tue Oct 6, 2020	EM-585-A (https://sit.instructure.com/calendar?event_id=296564&include_contexts=course_67527)	12:30pm to 1:45pm
Thu Oct 8, 2020	EM-585-A (https://sit.instructure.com/calendar?event_id=296565&include_contexts=course_67527)	12:30pm to 1:45pm
Wed Jan 19, 2022	Week 0: Student Introductions	to do: 11:59pm
Sun Sep 25, 2022	Getting Started with Systems Architecture: Coffee Flow Chart Example	to do: 11:59pm
Wed Oct 5, 2022	2022F EM 585-A (https://sit.instructure.com/calendar?event_id=296566&include_contexts=course_67527)	6pm to 7:30pm

Date	Details	Due
Wed Oct 12, 2022	2022F EM 585-A (https://sit.instructure.com/calendar?event_id=296567&include_contexts=course_67527)	6pm to 7:30pm
Wed Oct 26, 2022	2022F EM 585-A (https://sit.instructure.com/calendar?event_id=296568&include_contexts=course_67527)	6pm to 7:30pm
Wed Nov 2, 2022	2022F EM 585-A (https://sit.instructure.com/calendar?event_id=296569&include_contexts=course_67527)	6pm to 7:30pm
Tue Nov 22, 2022	Assignment 4: SEMP (https://sit.instructure.com/courses/67527/assignments/445512)	due by 11:59pm
Wed Nov 30, 2022	2022F EM 585-A (https://sit.instructure.com/calendar?event_id=296552&include_contexts=course_67527)	6pm to 7:30pm
Wed Dec 14, 2022	2022F EM 585-A (https://sit.instructure.com/calendar?event_id=296553&include_contexts=course_67527)	6pm to 7pm
Sun Dec 18, 2022	Assignment 9: Final Report Section 5--Testing (https://sit.instructure.com/courses/67527/assignments/445517)	due by 11:59pm
Wed Dec 21, 2022	2022F EM 585-A (https://sit.instructure.com/calendar?event_id=296551&include_contexts=course_67527)	6pm to 7pm
Thu Sep 14, 2023	2023F EM 585-WS-U (https://sit.instructure.com/calendar?event_id=297884&include_contexts=course_67527)	6pm to 8pm
Sun Sep 17, 2023	DQ-1: Introduce Yourself to the Class (https://sit.instructure.com/courses/67527/assignments/445506)	due by 11:59pm
	Introduction & Syllabus Quiz (https://sit.instructure.com/courses/67527/assignments/445494)	due by 11:59pm

Date	Details	Due
Sun Sep 24, 2023	DQ-2: The Value of Systems Architecture (https://sit.instructure.com/courses/67527/assignments/445503)	due by 11:59pm
	Assignment 1: Getting Started with Systems Architecture (https://sit.instructure.com/courses/67527/assignments/445509)	due by 11:59pm
Thu Sep 28, 2023	2023F EM 585-WS-U (https://sit.instructure.com/calendar?event_id=298965&include_contexts=course_67527)	6pm to 7:30pm
Tue Oct 3, 2023	2023F EM 585-WS-U (https://sit.instructure.com/calendar?event_id=298969&include_contexts=course_67527)	7:30pm to 9pm
Thu Oct 5, 2023	DQ-3: Systems Thinking (Defining the System and Boundaries) (https://sit.instructure.com/courses/67527/assignments/445502) (Group 1)	due by 11:59pm
	DQ-3: Systems Thinking (Defining the System and Boundaries) (https://sit.instructure.com/courses/67527/assignments/445502) (Group 2)	due by 11:59pm
	DQ-3: Systems Thinking (Defining the System and Boundaries) (https://sit.instructure.com/courses/67527/assignments/445502) (Group 3)	due by 11:59pm
	DQ-3: Systems Thinking (Defining the System and Boundaries) (https://sit.instructure.com/courses/67527/assignments/445502)	due by 11:59pm
Sun Oct 8, 2023	Reflection 1: Introduction to Systems Architecture (https://sit.instructure.com/courses/67527/assignments/448884)	due by 11:59pm
Sun Oct 15, 2023	Reflection 2: Modules 2 & 3	due by 11:59pm

Date	Details	Due
	(https://sit.instructure.com/courses/67527/assignments/445489)	
	Assignment 2: Using Systems Architecture Views (https://sit.instructure.com/courses/67527/assignments/445510)	due by 11:59pm
Thu Oct 19, 2023	2023F EM 585-WS-U (https://sit.instructure.com/calendar?event_id=298970&include_contexts=course_67527)	7:30pm to 9pm
Tue Oct 24, 2023	2023F EM 585-WS-U (https://sit.instructure.com/calendar?event_id=300277&include_contexts=course_67527)	7:30pm to 8:30pm
Thu Oct 26, 2023	DQ-4: Stakeholder Analysis (https://sit.instructure.com/courses/67527/assignments/445500) (2023F EM 585-WS (2 Users, SIS ID: COURSE_SECTION-3-125042))	due by 11:59pm
	DQ-4: Stakeholder Analysis (https://sit.instructure.com/courses/67527/assignments/445500) (Group 2)	due by 11:59pm
	DQ-4: Stakeholder Analysis (https://sit.instructure.com/courses/67527/assignments/445500) (2023F EM 585-WS)	due by 11:59pm
	DQ-4: Stakeholder Analysis (https://sit.instructure.com/courses/67527/assignments/445500) (2023F EM 585-WS-U)	due by 11:59pm
	DQ-4: Stakeholder Analysis (https://sit.instructure.com/courses/67527/assignments/445500) (Group 3)	due by 11:59pm
	DQ-4: Stakeholder Analysis (https://sit.instructure.com/courses/67527/assignments/445500) (Group 1)	due by 11:59pm
	DQ-5: IDEF0 and Functional Modeling (https://sit.instructure.com/courses/67527/assignments/445501)	due by 11:59pm
Sun Oct 29, 2023	Reflection 3: IDEF	due by 11:59pm

Date	Details	Due
	(https://sit.instructure.com/courses/67527/assignments/445486)	
Tue Oct 31, 2023	2023F EM 585-WS-U (https://sit.instructure.com/calendar?event_id=300592&include_contexts=course_67527)	7:30pm to 9pm
Sun Nov 5, 2023	Midterm Exam (10/22-11/5) (https://sit.instructure.com/courses/67527/assignments/445490)	due by 11:59pm
	Assignment 3: IDEF0 Dishwasher (https://sit.instructure.com/courses/67527/assignments/445511)	due by 11:59pm
Thu Nov 9, 2023	DQ-6: Overview of Messaging Apps (Finding reputable materials) (https://sit.instructure.com/courses/67527/assignments/445499)	due by 11:59pm
Sun Nov 12, 2023	Initial Project Reflection (Reflection 5) (https://sit.instructure.com/courses/67527/assignments/445488)	due by 11:59pm
	Reflection 4: Architecture Documentation (https://sit.instructure.com/courses/67527/assignments/445491)	due by 11:59pm
Thu Nov 16, 2023	2023F EM 585-WS-U (https://sit.instructure.com/calendar?event_id=301136&include_contexts=course_67527)	6pm to 7:30pm
	DQ-7: Enterprise Architecture (https://sit.instructure.com/courses/67527/assignments/445496)	due by 11:59pm
Sun Nov 19, 2023	Reflection 6: Enterprise Architecture (https://sit.instructure.com/courses/67527/assignments/445493)	due by 11:59pm
Sun Dec 3, 2023	DQ-8: The Ethics of Architecture (https://sit.instructure.com/courses/67527/assignments/445497)	due by 11:59pm
	Reflection 7 (Project Progress Check in) (https://sit.instructure.com/courses/67527/assignments/445487)	due by 11:59pm

Date	Details	Due
	Assignment 4: Final Report Sections 1-2--Introduction & Architecture (https://sit.instructure.com/courses/67527/assignments/445513)	due by 11:59pm
Thu Dec 7, 2023	DQ-9: Justification of Design (https://sit.instructure.com/courses/67527/assignments/445498)	due by 11:59pm
Sun Dec 10, 2023	Assignment 5: Final Report Section 3--Dynamic Behavior of Architecture (https://sit.instructure.com/courses/67527/assignments/445515)	due by 11:59pm
Sun Dec 17, 2023	DQ-10: Interview Questions (https://sit.instructure.com/courses/67527/assignments/445495)	due by 11:59pm
	Assignment 6: Final Report Section 4 & 5--Justification and Testing (https://sit.instructure.com/courses/67527/assignments/445516)	due by 11:59pm
	Extra Credit: Submit a Draft of Your Final Project Paper (https://sit.instructure.com/courses/67527/assignments/445524)	due by 11:59pm
Thu Dec 21, 2023	Final Project Reflection (https://sit.instructure.com/courses/67527/assignments/445492)	due by 11:59pm
	Extra Credit Class Attendance (https://sit.instructure.com/courses/67527/assignments/465939)	due by 11:59pm
	Final Presentation (https://sit.instructure.com/courses/67527/assignments/445525)	due by 11:59pm
	Final Project [Technical Report--Upload Here] (https://sit.instructure.com/courses/67527/assignments/445526)	due by 11:59pm