

Course Syllabus










[Jump to Today](#)
















 [Edit](#)












The syllabus page shows a table-oriented view of the course schedule, and the basics of course grading. You can add any other comments, notes, or thoughts you have about the course structure, course policies or anything else.














To add some comments, click the "Edit" link at the top.













Course Summary:













Date	Details	
Tue Sep 6, 2016	 introduction, waterfall vs. agile software processes (https://courseworks2.columbia.edu/calendar?event_id=10356&include_contexts=course_10832)	12am
Thu Sep 8, 2016	 coding conventions, code smells and static analysis (https://courseworks2.columbia.edu/calendar?event_id=10371&include_contexts=course_10832)	12am
Tue Sep 13, 2016	 version control and continuous integration (https://courseworks2.columbia.edu/calendar?event_id=10357&include_contexts=course_10832)	12am
Thu Sep 15, 2016	 Ewan Lowe guest lecture on financial software (https://courseworks2.columbia.edu/calendar?event_id=10372&include_contexts=course_10832)	12am
Fri Sep 16, 2016	 end of program change period (no class) (https://courseworks2.columbia.edu/calendar?event_id=10386&include_contexts=course_10832)	12am
Tue Sep 20, 2016	 user stories, customers and project planning (https://courseworks2.columbia.edu/calendar?event_id=10358&include_contexts=course_10832)	12am
	 Practice with Static Analysis: Homework 1 (https://courseworks2.columbia.edu/courses/10832/assignments/38896)	due by 11:59pm
Thu Sep 22, 2016	 use cases, pair programming (https://courseworks2.columbia.edu/calendar?event_id=10373&include_contexts=course_10832)	12am
	 Team Composition: Team Assignment A (https://courseworks2.columbia.edu/courses/10832/assignments/37337)	due by 11:59pm














Date	Details	
Tue Sep 27, 2016	 functional and non-functional requirements, reliability, security (https://courseworks2.columbia.edu/calendar?event_id=10359&include_contexts=course_10832)	12am
Thu Sep 29, 2016	 Ewan Lowe will cover the class (https://courseworks2.columbia.edu/calendar?event_id=10374&include_contexts=course_10832)	12am
	 Project Proposal: Team Assignment B (https://courseworks2.columbia.edu/courses/10832/assignments/37338)	due by 11:59pm
Tue Oct 4, 2016	 design sprints and wireframing (https://courseworks2.columbia.edu/calendar?event_id=10360&include_contexts=course_10832)	12am
	 Practice with Development Technologies: Homework 2 (https://courseworks2.columbia.edu/courses/10832/assignments/39206)	due by 11:59pm
Thu Oct 6, 2016	 development frameworks (https://courseworks2.columbia.edu/calendar?event_id=10375&include_contexts=course_10832)	12am
Fri Oct 7, 2016	 Revised Project Proposal: Team Assignment C (https://courseworks2.columbia.edu/courses/10832/assignments/38858)	due by 11:59pm
Tue Oct 11, 2016	 CRC cards and class diagrams (https://courseworks2.columbia.edu/calendar?event_id=10376&include_contexts=course_10832)	12am
	 Practice Defining Tasks: Homework 3 (https://courseworks2.columbia.edu/courses/10832/assignments/40273)	due by 11:59pm
Thu Oct 13, 2016	 model-view-controller, design patterns, persistent data (https://courseworks2.columbia.edu/calendar?event_id=10361&include_contexts=course_10832)	12am
	 Requirements and Wireframes: Team Assignment 1 (https://courseworks2.columbia.edu/courses/10832/assignments/39196)	due by 11:59pm
Tue Oct 18, 2016	 black box testing, equivalence partitions and boundary analysis (https://courseworks2.columbia.edu/calendar?event_id=10362&include_contexts=course_10832)	12am
	 First 360-degree Feedback (https://courseworks2.columbia.edu/courses/10832/assignments/40667)	due by 11:59pm
Thu Oct 20, 2016	 review for first exam (https://courseworks2.columbia.edu/calendar?event_id=10377&include_contexts=course_10832)	12am
	 Architecture and Project Planning: Team Assignment 2 (https://courseworks2.columbia.edu/courses/10832/assignments/39198)	due by 11:59pm

Date	Details	
Tue Oct 25, 2016	 first exam (https://courseworks2.columbia.edu/calendar?event_id=10363&include_contexts=course_10832)	12am
Wed Oct 26, 2016	 makeup (https://courseworks2.columbia.edu/calendar?event_id=14529&include_contexts=course_10832)	2:45pm to 4pm
	 white box and grey box testing (https://courseworks2.columbia.edu/calendar?event_id=10378&include_contexts=course_10832)	12am
	 Midterm (https://courseworks2.columbia.edu/courses/10832/assignments/46239)	due by 10:10am
	 (Copy) Implementation and Demo - Team Assignment 3 (https://courseworks2.columbia.edu/courses/10832/assignments/50510) (Mehmet)	due by 11:59pm
Thu Oct 27, 2016	 (Copy) Implementation and Demo - Team Assignment 3 (https://courseworks2.columbia.edu/courses/10832/assignments/50510) (Da)	due by 11:59pm
	 (Copy) Implementation and Demo - Team Assignment 3 (https://courseworks2.columbia.edu/courses/10832/assignments/50510) (Kaveh-Christopher)	due by 11:59pm
	 Implementation (and Demo): Team Assignment 3 (https://courseworks2.columbia.edu/courses/10832/assignments/39199)	due by 11:59pm
Tue Nov 1, 2016	 static testing (e.g., code inspection, static analysis) (https://courseworks2.columbia.edu/calendar?event_id=10364&include_contexts=course_10832)	12am
Thu Nov 3, 2016	 exam post-mortem, debugging (https://courseworks2.columbia.edu/calendar?event_id=10379&include_contexts=course_10832)	12am
Tue Nov 8, 2016	 Election Day (no class) (https://courseworks2.columbia.edu/calendar?event_id=10365&include_contexts=course_10832)	12am

Date	Details
Thu Nov 10, 2016	<div>  ending an iteration and beginning the next 12am </div>
	<div>  Black-box Unit Testing (and Demo): Team Assignment 4 due by 11:59pm </div>
	<div>  (Copy) Black-box Unit Testing (and Demo): Team Assignment 4 due by 11:59pm </div> <div>(Kaveh-Christopher)</div>
	<div>  (Copy) Black-box Unit Testing (and Demo): Team Assignment 4 due by 11:59pm </div> <div>(Mehmet)</div>
	<div>  (Copy) Black-box Unit Testing (and Demo): Team Assignment 4 due by 11:59pm </div> <div>(Da)</div>
Tue Nov 15, 2016	<div>  Ewan Lowe will cover the class 12am </div>
	<div>  (Copy) Preparation for Meeting about Second Iteration Plan: Team Assignment 5 due by 10:10am </div>
	<div>  Preparation for Meeting about Second Iteration Plan: Team Assignment 5 due by 10:10am </div>
Thu Nov 17, 2016	<div>  Ewan Lowe will cover the class 12am </div>
	<div>  (Copy) Second Iteration Plan - Team Assignment 6 due by 11:59pm </div> <div>(Kaveh-Christopher)</div>
	<div>  (Copy) Second Iteration Plan - Team Assignment 6 due by 11:59pm </div> <div>(Mehmet)</div>
	<div>  (Copy) Second Iteration Plan - Team Assignment 6 due by 11:59pm </div> <div>(Da)</div>
	<div>  Second Iteration Plan: Team Assignment 6 due by 11:59pm </div>

Date	Details
Tue Nov 22, 2016	<div>  panel with professional software engineers </div> <div> (https://courseworks2.columbia.edu/calendar?event_id=10367&include_contexts=course_10832) </div> <div>12am</div>
	<div>  Second 360-degree Feedback </div> <div> (https://courseworks2.columbia.edu/courses/10832/assignments/40668) </div> <div>due by 11:59pm</div>
Thu Nov 24, 2016	<div>  Thanksgiving (no class) </div> <div> (https://courseworks2.columbia.edu/calendar?event_id=10382&include_contexts=course_10832) </div> <div>12am</div>
Tue Nov 29, 2016	<div>  refactoring, test-driven development </div> <div> (https://courseworks2.columbia.edu/calendar?event_id=10368&include_contexts=course_10832) </div> <div>12am</div>
Thu Dec 1, 2016	<div>  review for second exam </div> <div> (https://courseworks2.columbia.edu/calendar?event_id=10383&include_contexts=course_10832) </div> <div>12am</div>
	<div>  Second Iteration Development and Code Inspection (and Demo): Team Assignment 7 </div> <div> (https://courseworks2.columbia.edu/courses/10832/assignments/39205) </div> <div>due by 11:59pm</div>
	<div>  (Copy) Second Iteration Development and Code Inspection (and Demo): Team Assignment 7 </div> <div> (https://courseworks2.columbia.edu/courses/10832/assignments/50512) (Kaveh-Christopher) </div> <div>due by 11:59pm</div>
	<div>  (Copy) Second Iteration Development and Code Inspection (and Demo): Team Assignment 7 </div> <div> (https://courseworks2.columbia.edu/courses/10832/assignments/50512) (Mehmet) </div> <div>due by 11:59pm</div>
	<div>  (Copy) Second Iteration Development and Code Inspection (and Demo): Team Assignment 7 </div> <div> (https://courseworks2.columbia.edu/courses/10832/assignments/50512) (Da) </div> <div>due by 11:59pm</div>
Tue Dec 6, 2016	<div>  second exam </div> <div> (https://courseworks2.columbia.edu/calendar?event_id=10369&include_contexts=course_10832) </div> <div>12am</div>
Thu Dec 8, 2016	<div>  last day of class: advanced topics </div> <div> (https://courseworks2.columbia.edu/calendar?event_id=10384&include_contexts=course_10832) </div> <div>12am</div>
	<div>  Second Exam </div> <div> (https://courseworks2.columbia.edu/courses/10832/assignments/50507) </div> <div>due by 10:10am</div>

Date	Details
Sat Dec 10, 2016	<div>  (Copy) Continuous Integration and Coverage: Team Assignment 8 https://courseworks2.columbia.edu/courses/10832/assignments/50513 (Mehmet) </div> <div>due by 11:59pm</div>
	<div>  (Copy) Continuous Integration and Coverage: Team Assignment 8 https://courseworks2.columbia.edu/courses/10832/assignments/50513 (Da) </div> <div>due by 11:59pm</div>
	<div>  (Copy) Continuous Integration and Coverage: Team Assignment 8 https://courseworks2.columbia.edu/courses/10832/assignments/50513 (Kaveh-Christopher) </div> <div>due by 11:59pm</div>
	<div>  Continuous Integration and Coverage: Team Assignment 8 https://courseworks2.columbia.edu/courses/10832/assignments/39203 </div> <div>due by 11:59pm</div>
Mon Dec 12, 2016	<div>  projects demo day (https://courseworks2.columbia.edu/calendar?event_id=10873&include_contexts=course_10832) </div> <div>10am to 3pm</div>
	<div>  (Copy) Showcase Demo: Team Assignment 9 https://courseworks2.columbia.edu/courses/10832/assignments/51562 (Kaveh-Christopher: SF Trail) </div> <div>due by 11:59pm</div>
	<div>  (Copy) Showcase Demo: Team Assignment 9 https://courseworks2.columbia.edu/courses/10832/assignments/51562 (Mehmet) </div> <div>due by 11:59pm</div>
	<div>  (Copy) Showcase Demo: Team Assignment 9 https://courseworks2.columbia.edu/courses/10832/assignments/51562 (Da) </div> <div>due by 11:59pm</div>
	<div>  Showcase Demo: Team Assignment 9 https://courseworks2.columbia.edu/courses/10832/assignments/40277 </div> <div>due by 11:59pm</div>
Tue Dec 13, 2016	<div>  university study days (https://courseworks2.columbia.edu/calendar?event_id=10865&include_contexts=course_10832) </div> <div>12am</div>
Wed Dec 14, 2016	<div>  university study days (https://courseworks2.columbia.edu/calendar?event_id=10866&include_contexts=course_10832) </div> <div>12am</div>
Thu Dec 15, 2016	<div>  university study days (https://courseworks2.columbia.edu/calendar?event_id=10867&include_contexts=course_10832) </div> <div>12am</div>

Date	Details
Fri Dec 16, 2016	 NO final exam for this course (https://courseworks2.columbia.edu/calendar?event_id=10868&include_contexts=course_10832) 12am
	 Final Delivery: Team Assignment 10 due by 11:59pm https://courseworks2.columbia.edu/courses/10832/assignments/39204
	 (Copy) Final Delivery: Team Assignment 10 due by 11:59pm https://courseworks2.columbia.edu/courses/10832/assignments/50514 (Kaveh-Christopher)
	 (Copy) Final Delivery: Team Assignment 10 due by 11:59pm https://courseworks2.columbia.edu/courses/10832/assignments/50514 (Mehmet)
	 (Copy) Final Delivery: Team Assignment 10 due by 11:59pm https://courseworks2.columbia.edu/courses/10832/assignments/50514 (Da)
Mon Dec 19, 2016	 NO final exam for this course (https://courseworks2.columbia.edu/calendar?event_id=10869&include_contexts=course_10832) 12am
Tue Dec 20, 2016	 NO final exam for this course (https://courseworks2.columbia.edu/calendar?event_id=10870&include_contexts=course_10832) 12am
	 Third 360-degree Feedback due by 11:59pm https://courseworks2.columbia.edu/courses/10832/assignments/40669
Wed Dec 21, 2016	 NO final exam for this course (https://courseworks2.columbia.edu/calendar?event_id=10871&include_contexts=course_10832) 12am
Thu Dec 22, 2016	 NO final exam for this course (https://courseworks2.columbia.edu/calendar?event_id=10872&include_contexts=course_10832) 12am
Fri Dec 23, 2016	 NO final exam for this course (https://courseworks2.columbia.edu/calendar?event_id=17937&include_contexts=course_10832) 12am
Fri Nov 17, 2017	 industry panel (https://courseworks2.columbia.edu/calendar?event_id=47362&include_contexts=course_10832) 11:45am to 12:45pm
	 Roll Call Attendance https://courseworks2.columbia.edu/courses/10832/assignments/44124