

MIS 4397 & 7397 - CLOUD AND COLLABORATION SOLUTIONS SYLLABUS FALL 2019

Course Summary	The cloud and collaboration solutions course is focused on helping students understand and build cloud and collaboration solutions for any organization. The course will focus on the Amazon AWS, Office 365, Microsoft Azure three of the most sought after technologies in Corporate America. The class will operate just like a real organization. We will be building a corporate intranet with document management and collaboration for the first project (you will present to the class). The second project will focus on having each student create a serverless static website and a WordPress site that runs in Amazon AWS (send a link to professor). The final project will be an Alexa chat bot that will be deployed to Amazon AWS (you will present to the class). Students who successfully complete this course will be ready to contribute too many organizations on day one.
Office Hours	By appointment – request appointment via email
Grading	All grading issues or questions are to happen in person and not via email.
	Project 1 50%
	Project 2 25%
	Project 3 25%
Resources and Texts	<ul style="list-style-type: none"> Subscription to SharePoint Online (Office 365). We will walk through this as a group. (Required) Subscription to Amazon AWS. We will walk through this together. (Required)

DATES	TASKS	ASSIGNMENTS
Aug 22 rd	First day of class discuss the digital workplace, digital transformation, collaboration and cloud solutions in organizations today. We will also get introduced to each project for the semester.	Lecture
Aug 29 th	Dig deeper into what it means to be a digital workplace and its importance on productivity. Look at Office 365 suite and its value proposition for organizations. Define SharePoint and gather project 1 requirements.	Create an Office 365 SharePoint Online subscription. This is what will be used for project 1 and Lecture
Sept 5 th	Dig deeper into the different services of SharePoint Online and question and answer session for project 1. Wrap-up SharePoint Online – Portal and collaboration Walkthrough	Students should be 90% complete with project 1 by this date.

Sept 12 th	Project 1 Presentation	Students will take 2-3 minutes to present their projects. Students will be selected at Random
Sept 19 th	Project 1 Presentation	Students will take 2-3 minutes to present their projects. Students will be selected at Random
Sept 26 th	Intro to Cloud Computing and review the different Windows Azure and AWS Services Introduction to Project 2, and gather project 2 requirements	Students will need to create an Amazon AWS Subscription for project 2. Lecture. Students will need to have a laptop with Windows or MacOS to complete what will be done in the next few lectures. Guidance will be provided for ensuring students have what is needed to complete what will be discussed in class.
Oct 3 th	Focus on Amazon AWS and the core AWS building blocks. Students will create S3 buckets and a static website. Step through an example of how to do project 2.	Lecture.
Oct 10 th	Guest Speakers	
Oct 17 th	Focus on Amazon AWS and the core AWS building blocks. Students will create EC2 instances and access the EC2 instance. We will also learn about VPC's (Virtual Private Cloud).	Lecture.
Oct 24 th	Focus on Amazon AWS and the core AWS building blocks. We will be learning about serverless applications and the use of Lambda and API Gateway.	Lecture and students will need to submit project 2 by 3 pm (this will include a link to the WordPress Site and Static Website).
Oct 31 st	Focus on AI and chat bots. We will be learning about Alexa style chat bots and walking through an example. Students will get project 3 requirements.	Lecture.
Nov 7 th	Emerging Technology and your future	Lecture - we will be discussing AI, Edge AI and RPA.
Nov 14 th	Project 3 question and answer session	Open class session
Nov 21 nd	Project 3 Presentation	Last class for the semester.
Nov 28 th	Thanksgiving Holiday	Gobble Gobble.

IMPORTANT DATES

Aug 22	First day of class
Nov 28	Last day to add a class
Sept 4	Last day to withdraw or drop a course without receiving a grade
Oct 31	Last day to drop with a "W" grade

ADMINISTRATIVE NOTES

- Course Evaluations ^[1]_{SEP} The C.T. Bauer College of Business requires all its instructors to be evaluated by their students. The results of these evaluations are important to provide feedback to instructors on how their performance can be improved. We encourage students to provide feedback to instructors through the evaluation process.
- Academic Honesty ^[1]_{SEP} The University of Houston Academic Honesty Policy is strictly enforced by the C.T. Bauer College of Business. No violations of this policy will be tolerated in this course. A discussion of the policy is included in the University of Houston Student Handbook which can be downloaded [here](#). Students are expected to be familiar with this policy. Specifically see pages 9-14. Pay particular attention to the list of behaviors that are considered academic dishonesty in Section 3.02 Academic Dishonesty Prohibited. Items (d) and (h) say:
 - (d) Representing as one's own work the work of another without acknowledging the source (plagiarism). This would include submitting substantially identical laboratory reports or other materials in fulfillment of an assignment by two or more individuals, whether or not these used common data or other information, unless this has been specifically permitted by the instructor; [NOTE: I DO NOT PERMIT THIS]
 - (h) Using another's laboratory results as one's own, whether with or without the permission of the owner;

Accommodations for Students with Disabilities ^[1]_{SEP} The C. T. Bauer College of Business would like to help students who have disabilities achieve their highest potential. To this end, in order to receive academic accommodations, students must register with the Center for Students with Disabilities (CSD) (telephone 713-743-5400), and present approved accommodation documentation to their instructors in a timely manner.