MIS 4397 & 7397 - CLOUD AND COLLBORATION SOLUTIONS SYLLABUS SPRING 2023

Course Summary	The cloud and collaboration solutions course is focused on helping students understand and build cloud solutions for any organization. The course will focus on the Amazon AWS the #1 cloud platform based on Gartner's Magic Quadrant in corporate America. The class will operate just like a real organization. We will be building cloud solutions based on the core AWS services like S3, EC2 and RDS. We will have several projects throughout the semester to ensure good understanding of the content. Each project will build on the previous project so the student can see end to end cloud solutions. Students who successfully complete this course will be ready to contribute too many organizations on day one.
Office Hours	Email, Teams or Phone
Grading	All grading issues or questions are to happen in person and not via email.
	Project 1 40%
	Project 2 30%
	Project 3 30%
Resources and Texts	• Subscription to Amazon AWS. We will walk through this together. (Required)

DATES	TASKS	ASSIGNMENTS
Week 1	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 (Video or In-Person)
Week 2	Introduction to cloud computing	Lecture (Video or In-Person)
Week 3	Cloud Economics	Lecture (Video or In-Person)
Week 4	AWS Cloud Management	Lecture (Video or In-Person) + Students will create AWS Account. Demo of AWS Console.
Week 5	Cloud Security	Lecture (Video or In-Person)
Week 6	Networking and Content Delivery	Lecture (Video or In-Person)
Week 7	Compute Part 1	Lecture (Video or In-Person) + Explain Project 1 (Create EC2 instance and configure a WordPress instance)
Week 8	Compute Part 2	Lecture (Video or In-Person) and Project 1 is due
Week 9	Storage	Lecture (Video or In-Person) + Explain Project 2 (Create S3 bucket and static website)
Week 10	Databases	Lecture (Video or In-Person) + Project 2 is due

Week 11	Cloud Architectures and Best Practices	Lecture (Video or In-Person)
Week 12	Emerging Technology and Digital Innovation	Lecture (Video or In-Person) + Explain Project 3 (Create Wordpress site using Lightsail Service)
Week 13	AI Services	Lecture (Video or In-Person) + Project 3 is due
Week 14	Guest Speaker	

IMPORTANT DATES

Jan 23	First day of class
Jan 24	Last day to add a class
Feb 1	Last day to withdraw or drop a course without receiving a grade
April 19	Last day to drop with a "W" grade

ADMINISTRATIVE NOTES

- Course Evaluations ⌷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 ⌷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 ⌷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.