1.125 Software Engine

Cloud Computation

SES #	Date	TOPICS
LECT 1	Tue, Sep 1	Introduction & Course Overview
Lab		ES6 JavaScript Practice Coding
LECT 2	Thu, Sep 3	Digital Transformation
LECT 3	Tue, Sep 8	Lean Startup and Agile
LECT 4	Thu, Sep 10	REST and Routes on Web Servers
LECT 5	Tue, Sep 15	API Based Architectures

Containers and Data Stores

SES #		TOPICS
LECT 6	Thu, Sep 17	Container and Cloud
LECT 7	Tue, Sep 22	Package Management - NPM
LECT 8	Tue, Sep 29	Data Stores
LECT 9	Thu, Oct 1	Data Services
LECT 10	Tue, Oct 6	GE Case Study

Blockchain & Machine Learning (ML)

SES #		TOPICS
LECT 11	Thu, Oct 8	Collaboration - GIT, CI, CD

	Tue, Oct 13	No Class
LECT 12	Thu, Oct 15	Hashes Merkle Trees
LECT 13	Tue, Oct 20	ML I
LECT 14	Thu, Oct 22	ML II

Hardware & Devices

SES #		TOPICS
LECT 15	Tue, Oct 27	Project
LECT 16	Thu, Oct 29	Project
LECT 17	Tue, Nov 3	Project
LECT 18	Thu, Nov 5	Project

HW09 is Report 2 on Kogs

Project

SES #		TOPICS
QUIZ	Tue, Nov 10	Project
LECT 19	Sun, Nov 12	Project
LECT 20	Tue, Nov 17	Project
LECT 21	Thu, Nov 19	Project Presentations
PROJ 01	Tue, Nov 28	

PROJ 02	**Thu, Nov 30**	
PROJ 04	**Tue, Dec 5**	
PRESENT	**Thu, Dec 7**	

eering & Architecting

HOMEWORK	Comments
HW00: Install VSCode and Git	
HW01: AWS VM - HTTP Server	
HW01 DUE, HW02 OUT	
HW02: REST API	
HW02 DUE, HW03 OUT	

HOMEWORK
HW03: Touching the Cloud
HW03 DUE, HW04 OUT
HW04: Three Tier App
HW 04 DUE
No HW this week

HOMEWORK
HW05 OUT

HW05 DUE, HW06 OUT	
HW06: ML & Project Proposal	
HW06 DUE	
HOMEWORK	
HW07: Project Deliverable 01	
	Project - Phase 1
HW08: Project Deliverable 02	
	Project - Phase 2
HOMEWORK	
HW09: Project Deliverable 03	
	Project - Phase 3
HW05: No HW this week	
	Project - Phase 4

HW10 DUE	**Project - Presentations**
Term Project Due	