## 1.125 Software Engineering & Architecting

Progra	amming t	he Web	
SES #	Date	TOPICS	HOMEWORK
LECT 1	Thu, Sep 6	Introduction & Course Overview	HW00: Install VSCode
LECT 2	Tue, Sep 11	Browser Basics, HTML , JavaScript	HW01: Web Page - HTTP Server
LECT 3	Thu, Sep 13	Arrays and Objects	
	Fri, Sep 14		HW01 DUE, HW02 OUT
		Functions and Call Styles	
LECT 4	Tue, Sep 18	Functions and Can Styles	HW02: Walk JSON Data
LECTE	Thu, Sep 20	Callbacks, Map Reduce Pattern, Async	
LECT 5	Tilu, Sep 20	Cambacks, Plap Reduce Fattern, Async	
	Fri, Sep 21		HW02 DUE, HW03 OUT
	111, 3ep 21		HW02 DUE, HW03 OUT
Open	Source	ibraries and Packages	
	Source, L		
SES #	1_	TOPICS	HOMEWORK
LECT 6	Tue, Sep 25	Nodejs, NPM and GitHub	HW03:Messaging Service
1 = 6 = =	TI. 0 05	WebSockets and REST APIs	
LECT 7	Thu, Sep 27	WebSockets and REST APIS	
	Fui Com 20		HW02 DHE HW04 OUT
	Fri, Sep 28		HW03 DUE, HW04 OUT
LECTO	T Oat 3		LINA/O.4. Thurs Tion Anna
LECT 8	Tue, Oct 2	Data Services	HW04: Three Tier Apps
LECT 9	Thu, Oct 4	Cloud Services, Docker and Lambda Functions	
LECT 9	Tilu, Oct 4	cloud Services, Docker and Lambda I directions	
	Fri, Oct 5		HW 04 DUE
	111, 000		ITW 04 DOL
Holiday	Tue, Oct 10	Columbus Day	No HW this week
Honday	140, 000 10	Coldinate Day	NO HIV CHIS WEEK
Block	shain		
	Ciiaiii		HOMEWORK
SES #	The Oak 44	TOPICS   Hashes and Merkle Trees	HOMEWORK
LECT 10	Thu, Oct 11	Trasiles and Merkie Trees	
			HWOE OUT
			HW05 OUT
LECT 11	Tue, Oct 16	PKI and Encryption	HW05: MetaMask
LECTII	Tue, Oct 16	TRE did Elleryption	HWOS. Metamask
LECT 12	Thu, Oct 18	Smart Contracts on Ethererum	
LLC1 12	ma, oct 10		
	Fri, Oct 19		HW05 DUE, HW06 OUT
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LECT 13	Tue, Oct 23	Initial Coin Offering	HW06: Project Proposal
	,	<u>,                                      </u>	
LECT 14	Thu, Oct 25		
	· ·		
	Fri, Oct 26		HW06 DUE, HW07 OUT
Comp	uting Tod	ay	
SES #		TOPICS	HOMEWORK
LECT 15	Tue, Oct 30	Asynchronous Computation - Byzantine Generals	
	, , , , , , , ,	, and a second all	
LECT 16	Thu, Nov 1	IPFS and Distributed Hash Tables	
	Fri, Nov 2		HW07 DUE, HW08 OUT
		-	
LECT 17	Tue, Nov 7	Future of Work Discussion	HW08: Project Deliverable 02
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LECT 18	Thu, Nov 8	Why is Software Hard? Agile, Machine Learning	
	Fri, Nov 9		HW08 DUE, HW09 OUT

HW09 is Report 2 on Kogs

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Projec	ct		
SES #		TOPICS	HOMEWORK
	Tue, Nov 13	Project	HW09: Project Deliverable 03
LECT 19	Thu, Nov 15	Project	
	Fri, Nov 16		HW09 DUE
LECT 20	Tue, Nov 20	Project	HW05: No HW this week
LECT 21	Thu, Nov 22	Thanksgiving Vacation	
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			HW10 OUT
	•		
PROJ 01	Tue, Nov 27	Project	HW10: Project Deliverable 04
PROJ 01	Tue, Nov 27	Project	HW10: Project Deliverable 04
	Tue, Nov 27		HW10: Project Deliverable 04
			HW10: Project Deliverable 04
			HW10: Project Deliverable 04  HW10 DUE
	Thu, Nov 29		
	Thu, Nov 29		
PROJ 02	Thu, Nov 29	Project	
PROJ 02	Thu, Nov 29	Project	
PROJ 02	Thu, Nov 29 Fri, Nov 30 Tue, Dec 4	Project  Project	
PROJ 02	Thu, Nov 29 Fri, Nov 30 Tue, Dec 4	Project  Project	