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 |
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| LECT 2 | Tue, Sep 11 | Browser Basics, HTML , JavaScript | HW01: Web Page - HTTP Server |
| LLC1 Z | rue, Sep 11 | provider Busines, ittliz, business ipt | IIWOI. Web rage - III IF Server |
| LECT 3 | Thu, Sep 13 | Arrays and Objects | |
| | ,, | • | |
| | Fri, Sep 14 | | HW01 DUE, HW02 OUT |
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| LECT 4 | Tue, Sep 18 | Functions and Call Styles | HW02: Walk JSON Data |
| | | Callbacks Man Daduca Datham Asses | |
| LECT 5 | Thu, Sep 20 | Callbacks, Map Reduce Pattern, Async | |
| | Fri, Sep 21 | | HWO2 DHE HWO2 OHT |
| | F11, Sep 21 | | HW02 DUE, HW03 OUT |
| Onen | Source L | ibraries and Packages | |
| _ | Source, E | | HOMEWORK |
| SES # | Tue, Sep 25 | TOPICS Nodejs, NPM and GitHub | HOMEWORK |
| LECIO | Tue, Sep 25 | | |
| LECT 7 | Thu, Sep 27 | 3 Tier System | HW03: Three Tier Bank |
| , | , och 2/ | | |
| | Fri, Sep 28 | | |
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| LECT 8 | Tue, Oct 2 | Data Services | HW04: Three Tier Apps |
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| LECT 9 | Thu, Oct 4 | Cloud Services, Docker and Lambda Functions | |
| | Fri, Oct 5 | | |
| | FII, OCL 5 | | HW03 DUE, HW04 OUT |
| Holiday | Tue, Oct 10 | Columbus Day | No HW this week |
| Homay | 140, 000 10 | Columbus Day | NO TIVE CITIS WEEK |
| Block | chain | | |
| SES # | Cilaiii | TOPICS | HOMEWORK |
| LECT 10 | Thu, Oct 11 | Hashes and Merkle Trees | HOMEWORK |
| LLC1 IO | may occ 11 | | |
| | | | HW05 OUT |
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| LECT 11 | Tue, Oct 16 | PKI and Encryption | HW04: MetaMask |
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| LECT 12 | Thu, Oct 18 | Smart Contracts on Ethererum | |
| | Fri Oct 10 | I | LIMO 4 BUE LIMOE OUT |
| | Fri, Oct 19 | | HW04 DUE, HW05 OUT |
| LECT 13 | Tue, Oct 23 | Initial Coin Offering | HW05: Project Proposal |
| | . 20, 300 23 | | |
| LECT 14 | Thu, Oct 25 | | |
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| | Fri, Oct 26 | | HW05 DUE, HW06 OUT |
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| _ | uting Tod | ay | |
| SES # | | TOPICS | HOMEWORK |
| LECT 15 | Tue, Oct 30 | Asynchronous Computation - Byzantine Generals | HW06: Project Deliverable 01 |
| 1 = 0 = 1 0 | T | IPFS and Distributed Hash Tables | |
| LECT 16 | Thu, Nov 1 | TELS GIIG DISCHDUCEG LIGSH LADIES | |
| | Eri Nov. 3 | | HW06 DUE, HW08 OUT |
| | Fri, Nov 2 | | HWUO DUE, HWUS UUT |
| LECT 17 | Tue, Nov 7 | Future of Work Discussion | HW07: Project Deliverable 02 |
| | 100/1104/ | | |
| LECT 18 | Thu, Nov 8 | Why is Software Hard? Agile, Machine Learning | |
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| | Fri, Nov 9 | | HW07 DUE, HW08 OUT |
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| Projec | t | | |
| SES # | | TOPICS | HOMEWORK |
| | Tue, Nov 13 | Project | HW08: Project Deliverable 03 |
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| LECT 19 | Thu, Nov 15 | Project | |
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| | Fri, Nov 16 | | HW09 DUE |
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| LECT 20 | Tue, Nov 20 | Project | HW05: No HW this week |
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| LECT 21 | Thu, Nov 22 | Thanksgiving Vacation | |
| | I | | |
| | | | HW10 OUT |
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| PROJ 01 | Tue, Nov 27 | Project | HW9: Project Deliverable 04 |
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| PROJ 02 | Thu, Nov 29 | Project | |
| | | | LINA DUE |
| | Fri, Nov 30 | | HW9 DUE |
| DD01.04 | Tue Dec 4 | Duningt | |
| PROJ 04 | Tue, Dec 4 | Project | |
| DDECENT | Thu, Dec 6 | Project Procentations | |
| PKESENI | iliu, Dec 6 | Project Presentations | |
| | | | Torm Project Due |
| | | | Term Project Due |