20-Sep-16

**ECE 1778 Schedule 2016 Fall**

| Date | # | Lecture Topic | Assignment Out | | Assignment In | Peer Review | Project |
|---|---|---|---|---|---|---|---|
| | | | Programmers | Specialists | | | |
| September 16, 2016 | 1 | Introduction - Motivation; including project goal, creativity, cross-disciplinary interaction and communication describe P1 and A1, basic bargain, Introductions | **P1** - Download environment; Hello World; Layout & Listeners; Create online biography | **S1** - Field Statement & online biography and Case Studies of Apps in your field; Create online biography | | | Specialist Introductions |
| September 23, 2016 | 2 | Overview of Capabilities of Smartphones, Introductions, Team Forming | | | **S1 Part I & P1 Part I** | | Group Formation; review of programming credentials |
| September 27, 2016 | extra | **Group Forming Night - Location GB 405 - 6:30pm - 8:30pm (The Galbraith Building, 35 St. George Street, Room 405)** | | | | | Informal meeting with classmates to form groups; discuss |
| September 30, 2016 | 3 | Assignments P2, A2; Case Studies of Previous Relevant Apps | **P2** - Containers, Select, Lists and Files | **S2** - Using an App Mock-up design tool | **P1/S1 part II** | | Groups must be formed |
| October 7, 2016 | 4 | Block Diagrams;   Discussion of Proposals; Assignments P3, A3; Group Dynamics, Android Life Cycle | **P3** - Mobile App Backend, Images and Sensors | **S3** - Understanding Parts of the Canvas | **P2/S2** | | Approval-in-Principle Due |
| October 14, 2016 | 5 | Phone Handouts; Software Engineering Key Concepts, Discussion of Proposals; | | | **S3 part 1 due Friday** | | Project Proposal/Plan Document due |
| October 20, 2016 | 6 | **NOTE: Extra Lecture** in same week Proposal and Plan Presentations TIME is 6-8pm, Room SF 1101 (The Sandford Fleming Building, 10 King's Colelge Road, Room 1101) | | | | **Yes** | See Lecture Topic |
| October 21, 2016 | 7 | Proposal/Plan Presentations | **P4**  - Threads and Databases | **S4** - Creativity, Sensors and You | **P3/S3 (p2)** | **Yes** | See Lecture Topic |
| October 28, 2016 | 8 | 1) Guest Lecture on User Experience and Design of Apps 2) Guidelines/Outline of Next 3 Presentations | | | | | |
| November 4, 2016 | 9 | Spiral 2 Presentations | | | **P4/S4** | **Yes** | See Lecture Topic |
| November 11, 2016 | 10 | Spiral 2 Presentations | | | | **Yes** | See Lecture Topic |
| November 18, 2016 | 11 | Spiral 4 Presentations | | | | **Yes** | See Lecture Topic |
| November 25, 2016 | 12 | Spiral 4 Presentations | | | | **Yes** | See Lecture Topic |
| December 2, 2016 | 13 | Project Presentations | | | | | See Lecture Topic |
| December 9, 2016 | 14 | Project Presentations | | | | | See Lecture Topic |
| December 14, 2016 | | Final Reports Due | | | | | |