**CSCI N342 Server Side Programming**

**Fall 2018 COURSE SCHEDULE**

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| **Week** | **Topics** | **Tasks** | **Course Project** | **e-Portfolio** | **Deadlines** |
| Week 1  (Aug 20– ) | Syllabus;  Corsair Server;  HTML and CSS;  <http://www.websitetemplatesonline.com/free-templates.html>  <http://www.freewebsitetemplates.com/> |  | Start planning and forming groups | Start planning; user interface design; e-Portfolio component design |  |
| Week 2  (Aug 27 - ) | Introduction, forms and variables;  Chap 1,2,6,7  ch02\_display\_get\_post.zip ch02\_future\_value.zip ch07\_form\_data.zip | **Lab 1 – User Registration** |  |  | e-Portfolio evaluation 1 due Friday 11:50pm |
| Week 3  (Sep 3 - ) | Control Structures, arrays and Functions;  Chap 8,11,13,  ch08\_switch\_case.zip ch08\_loop\_array.zip  ch11\_function.zip  ch11\_cart.zip | **Lab 2 – Registration and Activation** | Meeting with client – introduction and project requirements | Collect materials, such as photos and past projects | Lab 1 due Friday 11:50pm |
| Week 4  (Sep 10- ) | Database design and SQL queries;  Chap 3,16,18 | **Lab 3, Course Project Database Design (individual work)** | User interface design finalized | Add initial content such as about me, resume, photos etc | Lab 2 due Friday 11:50pm |
| Week 5  (Sep 17 - ) | sessions and object oriented;  Chap 12,14  ch12\_sessions.zip ch14\_OOP.zip | **Lab 4 – Object Oriented Programming** | DB design finalized |  | Lab 3 due Friday 11:50pm  e-Portfolio evaluation 2 due Friday 11:50pm |
| Week 6  (Sep 24 - ) | References:  1) <http://www.brighthubpm.com/project-planning/60068-tips-and-example-for-a-project-proposal/?cid=parsely_rec>  2) <http://www.pitt.edu/~offres/proposal/propwriting/components.html> |  | **Presentation 1 -**  **Proposal, Interface Design and DB Design;**  **Client feedback** | Add reflections for phase one | Course Project Design and Proposal Submission due Thursday 11:50pm; |
| Week 7  (Oct 1 - ) | PHP and DB;  DB stored procedures;  Chap 4,19 PHP and MySQL; | **Lab 4 – Object Oriented Programming** |  |  | e-Portfolio evaluation 3 due Friday 11:50pm |
| Week 8  (Oct 8 - ) | DB data retrieval;  Chap 23 files and images | **Lab 5 – User Profile Management** |  |  | Lab 4 due Friday 11:50pm |
| Week 9  (Oct 15 - ) |  | **Fall break; No Class on Tuesday** | **Presentation 2 -**  **Project Mid-Term Presentation on Thursday;**  **Client feedback** | Add mid-term reflections | Project Presentation 2 Submission due Thursday 11:50pm  Lab 5 due Friday 11:50pm |
| Week 10  (Oct 22 - ) | Data tables |  |  |  | e-Portfolio evaluation 4 due Friday 11:50pm |
| Week 11  (Oct 29 - ) | Ajax | **Lab 6 Ajax** |  |  |  |
| Week 12  (Nov 5 - ) | Graphs |  |  |  | Lab 6 due Friday 11:50pm |
| Week 13  (Nov 12 - ) |  |  | **Presentation 3 on Thursday;**  **Client feedback** | Add reflection for phase three | Project Presentation 3 Submission due Thursday 11:50pm |
| Week 14 (Nov 19 - ) |  |  |  |  |  |
| Week 15  (Nov 26 - ) | User testing and debugging; peer and client evaluations | **No class on Thursday** | Fine tuning based on client feedback | Add reflection for phase four;  Fine tuning |  |
| Week 16 (Dec 3 - ) | Project Completion |  | **Final Presentation** |  | Final Project Submission due Friday 11:50pm;  e-Portfolio evaluation 5 due Friday 11:50pm |