



## Course Schedule

### Due dates

- Algorithmic Design Document drafts are due **Wednesday** at 11:59 p.m.
- Assignments are due **Sunday** at 11:59 p.m.
- All resubmissions must be submitted by **June 6th, Friday before Finals Week** at 11:59 p.m.

Expect to spend ~12 hours EACH WEEK working through content and practicing for this 4-unit course.



### Weekly schedule

Tentative/Always Subject to Change

Week	Content Topic	Due
Preliminaries	Online Student Resources  Course Information Module  Preliminary activities to complete before week 1: <ul style="list-style-type: none"><li>• Create Replit Account</li><li>• Create CodeStepByStepAccount</li><li>• Purchase zyBooks textbook</li></ul>	<ul style="list-style-type: none"><li>• Post on Introduce Yourself! Discussion topic<sup>1</sup></li><li>• Post on Find a Study Group! Discussion topic and email instructor group member names<sup>1</sup></li><li>• Complete Course Information Quiz with 100% to open the course content</li></ul>
1	<ul style="list-style-type: none"><li>• Module 1: Functions (pass by value and pass by reference)</li><li>• zyBooks Chapter 8 and 9</li></ul>	<ul style="list-style-type: none"><li>• Complete zyBooks Chapter 9</li><li>• Submit Algorithmic Design Document DRAFT (Wednesday) for Assignment 1<sup>1</sup></li><li>• Post on Discussion 1 and respond to one other peer<sup>1</sup></li><li>• Complete and submit Assignment 1<sup>1</sup></li></ul> <p><sup>1</sup>These items must be submitted by the due date to avoid being dropped from the course!</p>
2	<ul style="list-style-type: none"><li>• Module 2: Char Arrays</li><li>• zyBooks Chapter 10</li></ul>	<ul style="list-style-type: none"><li>• Complete zyBooks Chapter 10</li><li>• Post on Discussion 2 with a partner and respond to one other peer</li><li>• Submit Algorithmic Design Document DRAFT (Wednesday) for Assignment 2</li><li>• Complete and submit Assignment 2</li></ul>
3	<ul style="list-style-type: none"><li>• Module 3: Arrays Part I</li><li>• zyBooks Chapter 11, Sections 11.1 to 11.11</li></ul>	<ul style="list-style-type: none"><li>• Complete zyBooks Chapter 11, Sections 11.1 to 11.11</li><li>• Post on Discussion 3 with a partner and respond to one other peer</li><li>• Submit Algorithmic Design Document DRAFT (Wednesday) for Assignment 3</li><li>• Complete and submit Assignment 3</li><li>• Complete the Mid Course Survey</li></ul>

Week	Content Topic	Due
4	<ul style="list-style-type: none"> <li>Module 4: Arrays Part II</li> <li>zyBooks Chapter 11, Sections 11.12 to 11.21</li> </ul>	<ul style="list-style-type: none"> <li>Complete zyBooks Chapter 11, Sections 11.12 to 11.21</li> <li>Post on Discussion 4 with a partner and respond to one other peer</li> <li>Submit Algorithmic Design Document DRAFT (Wednesday) for Assignment 4</li> <li>Complete and submit Assignment 4</li> </ul>
5	<ul style="list-style-type: none"> <li>Module 5: Midterm and Final Project</li> </ul>	<ul style="list-style-type: none"> <li>First 4 discussions must be complete by the end of this week.</li> <li>Midterm Exam: zyBooks Chapters 9, 10 and 11.</li> <li>Start Final Project design document. Get your idea approved by your instructor</li> </ul>
6	<ul style="list-style-type: none"> <li>Module 6: File Input/Output</li> <li>zyBooks Chapter 12</li> <li>Linux Tutorials Chapters 1 and 2 from the <a href="#">PCC Linux and Vim Manual</a></li> </ul>	<ul style="list-style-type: none"> <li>Complete zyBooks Chapter 12</li> <li>Post on Discussion 5 with a partner and respond to one other peer</li> <li>Submit Algorithmic Design Document DRAFT (Wednesday) for Assignment 5</li> <li>Complete and submit Linux Lab 1 and Assignment 5</li> <li>Continue working on Final Project design document</li> </ul>
7	<ul style="list-style-type: none"> <li>Module 7: Structs Part 1</li> <li>zyBooks Chapter 13</li> <li>Linux Tutorials Chapter 3 from the <a href="#">PCC Linux and Vim Manual</a></li> </ul>	<ul style="list-style-type: none"> <li>Complete zyBooks Chapter 13</li> <li>Post on Discussion 6 with a partner and respond to one other peer</li> <li>Submit Algorithmic Design Document DRAFT (Wednesday) for Assignment 6</li> <li>Complete and submit Final Project design document</li> </ul>
8	<ul style="list-style-type: none"> <li>Module 8: Structs Part 2</li> <li>zyBooks Chapter 14</li> <li>Linux Tutorials Chapter 3 from the <a href="#">PCC Linux and Vim Manual</a></li> </ul>	<ul style="list-style-type: none"> <li>Complete zyBooks Chapter 14</li> <li>Complete and submit Linux Lab 2 and Assignment 6</li> <li>Start working on Final Project code.</li> </ul>
9	<ul style="list-style-type: none"> <li>Module 9: Pointers</li> <li>zyBooks Chapter 15</li> <li>Linux Tutorials Chapter 3 from the <a href="#">PCC Linux and Vim Manual</a></li> </ul>	<ul style="list-style-type: none"> <li>Complete zyBooks Chapter 15</li> <li>Post on Discussion 7 with a partner and respond to one other peer</li> <li>Complete and submit Linux Lab 3 and Assignment 7</li> <li>Continue working on Final Project code.</li> </ul>
10	<ul style="list-style-type: none"> <li>Module 10: Debugging</li> <li>zyBooks Chapter 16</li> <li>Linux Tutorials Chapter 5 from the <a href="#">PCC Linux and Vim Manual</a></li> </ul>	<ul style="list-style-type: none"> <li>Complete zyBooks Chapter 16</li> <li>Post on Discussion 8 with a partner and respond to one other peer</li> <li>Complete Linux Lab 4 to be submitted with Final Project</li> </ul> <p><b>Last 4 discussions must be complete by the end of this week.</b></p> <p><b>Submit any late, missing work, and re-submissions by Friday.</b></p>
11	<ul style="list-style-type: none"> <li>Module 11: Final Exam</li> </ul>	<ul style="list-style-type: none"> <li>Final Project due</li> <li>Final Exam: Chapters 9 - 15</li> <li>Complete the End of Course Survey</li> </ul>

## Flexibility statement

The instructor reserves the right to modify course content and substitute assignments and learning activities in response to institutional, weather, or class situations.