

Week	Class	Date	Chapter	Lessons	Deliverables
1	1	Tue Jul 14	1. Client–Server Foundations	1. Course systems overview; 2. What client–server means; 3. UMB/CS environment map	Draw a first bird's-eye diagram: workstation, network, CS services, Biggie, Minnie
1	2	Thu Jul 16	1. Client–Server Foundations	4. Accounts and logins; 5. Filesystems and permissions; 6. Passwordless SSH login	Log in securely and submit a verified connection test
2	3	Tue Jul 21	1. Client–Server Foundations	7. Static site directory on the CS server; 8. HTML front end; 9. Browser-to-server request path	Publish and test an individual static page
2	4	Thu Jul 23	1. Client–Server Foundations	10. TCP/IP in layers; 11. DNS/web-server routing; 12. Layered system diagram	Trace a browser request and revise the layered diagram
3	5	Tue Jul 28	2. Server Environments	13. Introduce Biggie; 14. Introduce Minnie 1/2; 15. Managed vs. stand-alone servers	Connect to permitted server environments and document differences
3	6	Thu Jul 30	2. Server Environments	16. Accounts and access; 17. Secure exposure boundaries; 18. Failure, recovery, and reboot concepts	Define team-access rules and a basic server recovery procedure
4	7	Tue Aug 4	3. Django Fundamentals	19. Django purpose and architecture; 20. Install/setup; 21. Create project and app	Run a Django development site and verify a first response
4	8	Thu Aug 6	3. Django Fundamentals	22. URLs and views; 23. Templates/front end; 24. Full-loop test 1	Build a page where the Django back end produces browser-visible output
5	9	Tue Aug 11	4. Data and Interaction	25. Models and migrations; 26. Admin/data management; 27. Display database data	Create a model, migrate it, enter data, and render it in a page
5	10	Thu Aug 13	4. Data and Interaction	28. Forms and validation; 29. Create/update back-end path; 30. Full-loop test 2	Submit browser form data, validate it, store it, and display the result
6	11	Tue Aug 18	5. Deployment and Teams	31. Deploy to Biggie/Minnie; 32. Testing and troubleshooting; 33. Agile team roles and GitHub attribution	Deploy/ simulate deployment, record tests, and assign Developer/Product Owner/Scrum Leader roles
6	12	Thu Aug 20	6. Integration and Book	34. Integration demo; 35. Documentation and chapter editing; 36. Capstone review	Demonstrate a complete front-end/back-end loop; submit lesson chapter material and system diagrams