

CPT283-W01 Course Schedule - 2025 Spring

CPT283: PHP Programming I

Online Class - Workshops on Zoom each Thursday at 11:00 AM⁵

Instructor Contact and Class Information:

Instructor: Beau Sanders

Office: Barton Campus, Building 103, Room 223D

GTC Gmail: sandewbs@my.gvltec.edu (preferred method of contact)

GTC Office Phone: 864-250-8314

Cell: 864-325-7240 (preferred phone; identify yourself in texts and voicemail)

Office Hours and Class Schedule²: <https://beausanders.org/schedule/>

For scheduling purposes weeks start on the Monday of each week in the semester

Attendance Assignments = (A) Participation Credit = (P)

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CPT283 Tentative Course Schedule¹

Unit #	✓	Week	Topic/Activity	Due Date
Unit 1		1	CPT283 Orientation	
			Download and read "Getting Started Guide for CPT283"	
			Post introduction to class in Blackboard	
			Download and read CPT283 Syllabus and attachments	
			Submit Syllabus Quiz	
			Obtain CPT283 textbook per syllabus	
			Explore links for CPT283 in associated websites	
		1	Chapter 1: Introduction to web development with PHP	
			Read and Study Chapter 1	
			Unit 1 Journal Entry Assignment (A)	
Unit 2		1	Chapter 2: How to code a PHP application	
			Read and Study Chapter 2	
			Unit 2 Journal Entry Assignment (A)	
			Week 1 Orientation Workshop (P)	
		1	All Unit 1 and Unit 2 Course Content Due	Sunday, January 19, 2025
Unit 3		2	Chapter 3: Managing Files from the Command Line	
			Read and Study Chapter 3	
			Unit 3 Journal Entry Assignment (A)	
			Exercise 0-0: Confirm Remote Access to your CPT283 virtual host	
			Exercise 0-1: Install textbook source code and databases	
			Exercise 0-2: Create a landing page for your CPT283 virtual host	
			Exercise 2-1: Build the Product Discount application (Page 92)	
			Exercise 2-2: Enhance the Future Value application (Page 93)	
			Exercise 3-1: Use phpMyAdmin with a database (Page 123)	
Unit 4		2	Chapter 4: How to use PHP with a MySQL database	
			Read and Study Chapter 4	
			Unit 4 Journal Entry Assignment (A)	
			Exercise 4-1: Enhance the Product Manager application (Page 157)	
			Week 2 Workshop (P)	

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Unit #	✓	Week	Topic/Activity	Due Date
		2	All Unit 3 and Unit 4 Course Content Due	Sunday, January 26, 2025
Unit 5		3	Chapter 5: How to use the MVC pattern to organize your code	
			Read and Study Chapter 5	
			Unit 5 Journal Entry Assignment (A)	
			Exercise 5-1: Enhance the Guitar Shop application (Page 191)	
			Final Project Lab 1.1: Making a Project Plan	
			Final Project Lab 1.2: MySQL Database	
			Week 3 Workshop (P)	
		3	All Unit 5 Course Content Due	Sunday, February 2, 2025
Unit 6		4	Chapter 6: How to test and debug a PHP application	
			Read and Study Chapter 6	
			Unit 6 Journal Entry Assignment (A)	
			Exercise 6-1: Trace with echo statements (Page 206)	
			Final Project Lab 2: Connect Your Database To A PHP Program You Create	
			Week 4 Workshop (P)	
		4	All Unit 6 Course Content Due	Sunday, February 9, 2025
		4	Unit Test 1: All Course Content in Units 1, 2, 3, and 4	Mon Feb 10 to Wed Feb 12
Unit 7		5	Chapter 7: How to work with form data	
			Read and Study Chapter 7	
			Unit 7 Journal Entry Assignment (A)	
			Exercise 7-1: Get input and display output (Page 233)	
			Exercise 7-2: Enhance the Future Value application (Page 234)	
			Final Project Lab 3: Interface to Add Records to your database	
			Week 5 Workshop (P)	
		5	All Unit 7 Course Content Due	Sunday, February 16, 2025
Unit 8		6	Chapter 8: How to code control statements	
			Read and Study Chapter 8	
			Unit 8 Journal Entry Assignment (A)	
			Exercise 8-1: Use if and switch statements (Page 265)	
			Exercise 8-2: Use loops (Page 266)	
			Final Project Lab 4: Interface to Edit Records in your database	
			Week 6 Workshop (P)	
		6	All Unit 8 Course Content Due	Sunday, February 23, 2025
Unit 9		7	Chapter 9: How to work with strings and numbers	
			Read and Study Chapter 9	
			Unit 9 Journal Entry Assignment (A)	
			Exercise 9-1: Write code that works with strings (Page 297)	
			Exercise 9-2: Write code that works with numbers (Page 298)	
			Final Project Lab 5: Navigation and Interface Enhancements	
			Week 7 Workshop (P)	
		7	All Unit 9 Course Content Due	Sunday, March 2, 2025
		8	Unit Test 2: All Course Content in Units 5, 6, 7, 8, and 9	Mon Mar 3 to Wed Mar 5
Unit 10		8	Chapter 10: How to work with dates	
			Read and Study Chapter 10	

CPT283 Tentative Course Schedule¹

Unit #	✓	Week	Topic/Activity	Due Date
			Unit 10 Journal Entry Assignment (A)	
			Exercise 10-1: Write code that works with dates (Page 315)	
			Final Project Lab 6: Interfaces to All Database Tables	
			Week 8 Workshop (P)	
		8	All Unit 10 Course Content Due	Sunday, March 9, 2025
Unit 11		9	Chapter 11: How to create and use arrays	
			Read and Study Chapter 11	
			Unit 11 Journal Entry Assignment (A)	
			Exercise 11-1: Work with the arrays of the Task List Manager application (Page 353)	
			Final Project Lab 7: Progress Report 1	
			Week 9 Workshop (P)	
		9	All Unit 11 Course Content Due	Sunday, March 16, 2025
		10	SPRING BREAK - Mon Mar 17 through Sat Mar 22 - No Classes at GTC	
Unit 12		11	Chapter 12: How to work with cookies and sessions	
			Read and Study Chapter 12	
			Unit 12 Journal Entry Assignment (A)	
			Exercise 12-1: Modify the Shopping Cart application (Page 385)	
			Exercise 12-2: Improve the Task List Manager application (Page 386)	
			Final Project Lab 8: Admin Password Protected Directory	
			Week 11 Workshop (P)	
		11	All Unit 12 Course Content Due	Sunday, March 30, 2025
Unit 13		12	Chapter 13: How to create and use functions	
			Read and Study Chapter 13	
			Unit 13 Journal Entry Assignment (A)	
			Exercise 13-1: Modify the Shopping Cart application (Page 425)	
			Final Project Lab 9: Data Validation on All User Entered Data	
Unit 14		12	Chapter 14: How to create and use objects	
			Read and Study Chapter 14	
			Unit 14 Journal Entry Assignment (A)	
			Exercise 14-1: Modify the Project Manager application (Page 478)	
			Final Project Lab 10: Admin Interface to Delete Selected Records	
			Week 12 Workshop (P)	
		12	All Unit 13 and Unit 14 Course Content Due	Sunday, April 6, 2025
		13	Unit Test 3: All Course Content in Units 10, 11, 12, and 13⁴	Mon Apr 7 to Wed Apr 9
Unit 15		13	Chapter 15: How to use regular expressions, handle exceptions, and validate data	
			Read and Study Chapter 15	
			Unit 15 Journal Entry Assignment (A)	
			Exercise 15-1: Modify the long version of the Registration application (Page 519)	
			Exercise 15-2: Modify the Product Manager application (Page 520)	
			Final Project Lab 11: Progress Report 2 - Self-Assessment of Final Project	
			Week 13 Workshop (P)	
		13	All Unit 15 Course Content Due	Sunday, April 13, 2025
Unit 16		14	Chapter 16: How to design a database	
			Read and Study Chapter 16	

CPT283 Tentative Course Schedule¹

Unit #	✓	Week	Topic/Activity	Due Date
			Unit 16 Journal Entry Assignment (A)	
			Exercise 16-1: Create a database diagram from a SQL script (Page 552)	
			Exercise 16-2: Create some simple database designs (Page 552)	
			Week 14 Workshop (P)	
		14	All Unit 16 Course Content Due	Sunday, April 20, 2025
Unit 21		15	Chapter 21: How to create secure websites	
			Read and Study Chapter 21	
			Unit 21 Journal Entry Assignment (A)	
			Exercise 21-1: Use secure connections (Page 723)	
			Exercise 21-2: Use authentication (Page 724)	
			Week 15 Workshop (P)	
		15	All Unit 21 Course Content Due	Sunday, April 27, 2025
		16	Final Project Due (40% of Course Grade)	Monday, April 28, 2025

IMPORTANT NOTES:

- 1 It is important to check the course electronic **Calendar** weekly in Blackboard. The dates shown above are tentative and are for planning purposes only. The dates can be changed by the instructor at any time. Check the course electronic **Calendar** in Blackboard for the actual dates.

- 2 Check the instructor's posted office hours at <https://beausanders.org/schedule/>. Please make an appointment if you want to meet with your instructor during his office hours.

- 3 Instructor's Website
<https://beausanders.org/CPT283/>
 Download Workshop Videos and other course information
 Username = cpt283
 Password = webapps

- 4 Unit Tests in CPT283 will be scheduled Monday, Tuesday, and Wednesday each test week. All Unit Tests will be taken at home and proctored by Respondus Lockdown Browser with Monitoring.

- 5 CPT283-W01 is an online class, but students in CPT283-W01 are asked to attend a weekly Workshop on Zoom. Your instructor will review the current week's assignments in this class, demonstrate PHP projects, and answer questions from students. All CPT283-W01 students should attend the weekly Workshops. For those students with work schedule conflicts, the Workshops will be recorded and videos will be posted on the instructor's website. The Workshops normally last from 30 to 60 minutes. Students will receive Participation credit for attending the weekly workshops or watching the video of workshops.

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Unit #	✓	Week	Topic/Activity	Due Date
5			<p>Participation Requirement</p> <p><i>Zoom Classes and Online Classes:</i></p> <p>All students who attend the virtual in-person Zoom class session will automatically get full participation credit for the week.</p> <p>For students who did not attend the weekly lesson.</p> <ol style="list-style-type: none">1. Follow the Yuja link that contains the lecture recordings.2. Watch all recordings for the current unit.3. All videos must be watched entirely through. This information is tracked. <p>Note: Viewing the videos in the from other non-Yuja sources will not count towards the weekly participation grade.</p> <p>Watching the unit videos does not count as attendance for the virtual in-person Zoom meeting portion of the week.</p> <p><i>Traditional Face-to-Face Classes:</i></p> <p>All students who attend a traditional face-to-face class in a classroom will automatically get full participation credit for the week. If a traditional class student does NOT attend class, then they must watch the complete Lecture Video using the Yuja link in this class to get Participation credit. Watching the Lecture Video will NOT count for attendance for traditional class students.</p> <ol style="list-style-type: none">1. Follow the Yuja link that contains the lecture recordings.2. Watch all recordings for the current unit.3. All videos must be watched entirely through. This information is tracked.	
