

Fundamentals of Computing Pacing Guide/Checklist 2022-2023

Schedule	Activity/Objective	Type	Complete
<p>Due: 8/20/2022</p>	<p>Welcome, Syllabus, and Pacing Guide/Checklist</p> <p>Welcome to Fundamentals of Computing!</p> <ul style="list-style-type: none"> • <i>Read the Syllabus and review the Pacing Guide/checklist.</i> <p style="text-align: center;">Student Self-Registration URL: http://nglsync.cengage.com/r HYPERLINK "http://nglsync.cengage.com/register"e HYPERLINK "http://nglsync.cengage.com/register"gister</p> <p style="text-align: center;">Course Key: MTPNKSBQSDFM</p> <p>***You will need to create your own username and password for registration. Write it down and keep it, you will need it all year***</p> <p>***Also, for <u>Student ID</u>, if you don't know yours (it is listed to the left on your class schedule) just use your phone number.</p> <p style="text-align: center;"><i>PLEASE take this time to make yourself comfortable with maneuvering the online class.</i></p> <p style="text-align: center;"><i>My email is: mthornton@grayca.com</i></p> <p style="text-align: center;">You may work ahead if desired, but not required throughout this course!!!</p>	<p>Welcome, Initial Instructions & Course Orientation</p>	
Module 1: Introducing Today's Technologies, Computers, Devices and the Web			
<p>Due: 8/25//2022</p>	<ul style="list-style-type: none"> • Reading and Resources Module 1 <i>Introducing Today's Technologies (Chapter Introduction and Review)</i> • Animation Module 1: <i>Watch animation to deepen concept understanding.</i> • Drag and Drop Module 1 <i>Complete the (7) drag and drop activity to test your knowledge.</i> 	<p>Reading/ Videos/Activities</p>	

Module 1: (6 Graded Assignments)			
<p>Due: 9/1/2022</p>	<ul style="list-style-type: none"> • Practice Test Module 1 <i>This will be your 1st take of this assignment. (worth 20 points)</i> • SAM Training Module 1 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 1 (worth 100 points) <i>Watch the training videos and answer the corresponding questions. (worth 100 points)</i> • Additional SAM Concepts Lab Assignments Module 1 (worth 100 points) <i>Complete the additional training videos and related questions to further your understanding of concepts skills.</i> • SAM Concepts Lab Exam Module 1 (worth 100 points) <i>Complete the additional SAM exam to further your understanding of concepts skills.</i> • End of Module 1 Test (worth 20 points) <i>Complete the objective-based module test</i> 	<p>Practice/ Training Videos/Exam/Labs/Module Mastery</p>	
Module 2: Instructional Communication			
<p>Due: 9/8/2022</p>	<ul style="list-style-type: none"> • Reading and Resources Module 2 <i>Connecting and communicating Online (Chapter Introduction and Review)</i> • Animation Module 2 <i>Watch animation to deepen concept understanding.</i> • Drag and Drop Module 2 <i>Complete the (8) drag and drop activity to test your knowledge.</i> 	<p>Reading/ Videos/Activities</p>	
Module 2: (6 Graded Assignments)			
<p>Due: 9/22/2022</p>	<ul style="list-style-type: none"> • Practice Test Module 2 (worth 20 points) <i>This will be your 1st take of this assignment.</i> • SAM Training Module 2 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 2 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • Additional SAM Concepts Lab Assignments Module 2 (worth 100 points) 	<p>Practice/ Training Videos/Exam/Labs/Module Mastery</p>	

	<p>Complete the additional training videos and related questions to further your understanding of concepts skills.</p> <ul style="list-style-type: none"> • SAM Concepts Lab Exam Module 2 (worth 100 points) <p>Complete the additional SAM exam to further your understanding of concepts skills.</p> <ul style="list-style-type: none"> • End of Module 2 Test (worth 20 points) <p>Complete the objective-based module test</p>		
Module 3: Computer and Mobile Devices			
<p>Due: 9/29/2022</p>	<ul style="list-style-type: none"> • Reading and Resources Module 3 <i>Computer and Mobile Devices</i> • Animation Module 3 <i>Watch animation to deepen concept understanding.</i> • Drag and Drop Module 3 <i>Complete the (8) drag and drop activity to test your knowledge.</i> 	Reading/ Videos/Activities	
Module 3: (6 Graded Assignments)			
<p>Due: 10/13/2022</p>	<ul style="list-style-type: none"> • Practice Test Module 3 (worth 20 points) <i>This will be your 1st take of this assignment.</i> • SAM Training Module 3 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 3 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • Additional SAM Concepts Lab Assignments Module 3 (worth 100 points) <i>Complete the additional training videos and related questions to further your understanding of concepts skills.</i> • SAM Concepts Lab Exam Module 3 (worth 100 points) <i>Complete the additional SAM exam to further your understanding of concepts skills.</i> • End of Module 3 Test (worth 20 points) <i>Complete the objective-based module test</i> 	Practice/ Training Videos/Exam/Labs/Module Mastery	
Module 4: Programs and Apps			
<p>Due: 10/20/2022</p>	<ul style="list-style-type: none"> • Reading and Resources Module 4 	Reading/ Videos/Activities	

	<p><i>Programs and Apps (Chapter Introduction and Review)</i></p> <ul style="list-style-type: none"> • Animation Module 4 <p><i>Watch animation to deepen concept understanding.</i></p> <ul style="list-style-type: none"> • Drag and Drop Module 4 <p><i>Complete the (4) drag and drop activity to test your knowledge.</i></p>		
Module 4:(6 Graded Assignments)			
<p>Due: 11/3/2022</p>	<ul style="list-style-type: none"> • Practice Test Module 4 (worth 20 points) <i>This will be your 1st take of this assignment.</i> • SAM Training Module 4 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 4 (worth 00 points) <i>Watch the training videos and answer the corresponding questions.</i> • Additional SAM Concepts Lab Assignments Module 4 (worth 100 points) <i>Complete the additional training videos and related questions to further your understanding of concepts skills.</i> • SAM Concepts Lab Exam Module 4 (worth 100 points) <i>Complete the additional SAM exam to further your understanding of concepts skills.</i> • End of Module 4 Test (worth 100 points) <i>Complete the objective-based module test</i> 	<p>Practice/ Training Videos/Activities/Labs/Module Mastery</p>	
Module 5: Digital Security, Ethics, and Privacy			
<p>Due: 11/10/2022</p>	<ul style="list-style-type: none"> • Reading and Resources Module 5 <i>Digital Security, Ethics, and Privacy (Chapter Introduction and Review)</i> • Animation Module 5 <i>Watch animation to deepen concept understanding.</i> • Drag and Drop Module 5 <i>Complete the (6) drag and drop activity to test your knowledge.</i> 	<p>Reading/ Videos/Activities</p>	

11/21/22- 11/25/22	THANKSGIVING BREAK			
Module 5: (6 Graded Assignments)				
Due: 12/1/2022	<ul style="list-style-type: none"> • Practice Test Module 5 (worth 20 points) <i>This will be your 1st take of this assignment.</i> • SAM Training Module 5 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 5 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • Additional SAM Concepts Lab Assignments Module 5 (worth 100 points) <i>Complete the additional training videos and related questions to further your understanding of concepts skills.</i> • SAM Concepts Lab Exam Module 5 (worth 100 points) <i>Complete the additional SAM exam to further your understanding of concepts skills.</i> • End of Module 5 Test (worth 100 points) <i>Complete the objective-based module test</i> 	Practice/ Training Videos/Exam/Labs/Module Mastery		
Module 6: Computing Components				
Due: 12/8/2022	<ul style="list-style-type: none"> • Reading and Resources Module 6 <i>Computing Components Chapter Introduction and Review</i> • Animation Module 6 <i>Watch animation to deepen concept understanding.</i> • Drag and Drop Module 6 <i>Complete the (7) drag and drop activity to test your knowledge.</i> 	Reading/ Videos/Activities		
WINTER BREAK				
Module 6: (6 Graded Assignments)				

<p>Due: 1/12/2023</p>	<ul style="list-style-type: none"> • Practice Test Module 6 (worth 20 points) <i>This will be your 1st take of this assignment.</i> • SAM Training Module 6 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 6 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • Additional SAM Concepts Lab Assignments Module 6 (worth 100 points) <i>Complete the additional training videos and related questions to further your understanding of concepts skills.</i> • SAM Concepts Lab Exam Module 6 (worth 100 points) <i>Complete the additional SAM exam to further your understanding of concepts skills.</i> • End of Module 6 Test (worth 20 points) <i>Complete the objective-based module test</i> 	<p>Practice/ Training Videos/Exam/Labs/Module Mastery</p>	
----------------------------------	--	---	--

Module 7: Input and Output

<p>Due: 1/19/2023</p>	<ul style="list-style-type: none"> • Reading and Resources Module 7 <i>Input and Output Chapter Introduction and Review</i> • Animation Module 7 <i>Watch animation to deepen concept understanding.</i> • Drag and Drop Module 7 <i>Complete the (4) drag and drop activity to test your knowledge.</i> 	<p>Reading/ Videos/Activities</p>	
----------------------------------	--	-----------------------------------	--

Module 7: (6 Graded Assignments)

<p>Due: 1/26/2023</p>	<ul style="list-style-type: none"> • Practice Test Module 7 (worth 20 points) <i>This will be your 1st take of this assignment.</i> • SAM Training Module 7 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 7 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • Additional SAM Concepts Lab Assignments Module 7 (worth 100 points) 	<p>Practice/ Training Videos/Exam/Labs/Module Mastery</p>	
----------------------------------	--	---	--

	<p>Complete the additional training videos and related questions to further your understanding of concepts skills.</p> <ul style="list-style-type: none"> • SAM Concepts Lab Exam Module 7 (worth 100 points) <p>Complete the additional SAM exam to further your understanding of concepts skills.</p> <ul style="list-style-type: none"> • End of Module 7 Test (worth 20 points) <p>Complete the objective-based module test</p>		
Module 8: Digital Storage			
<p>Due: 2/2/2023</p>	<ul style="list-style-type: none"> • Reading and Resources Module 8 <i>Digital Storage (Chapter Introduction and Review)</i> • Animation Module 8 <i>Watch animation to deepen concept understanding.</i> • Drag and Drop Module 8 <i>Complete the (2) drag and drop activity to test your knowledge.</i> 	Reading/ Videos/Activities	
Module 8: (6 Graded Assignments)			
<p>Due: 2/16/2023</p>	<ul style="list-style-type: none"> • Practice Test Module 8 (worth 20 points) <i>This will be your 1st take of this assignment.</i> • SAM Training Module 8 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 8 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • Additional SAM Concepts Lab Assignments Module 8 (worth 100 points) <i>Complete the additional training videos and related questions to further your understanding of concepts skills.</i> • SAM Concepts Lab Exam Module 8 (worth 100 points) <i>Complete the additional SAM exam to further your understanding of concepts skills.</i> • End of Module 8 Test (worth 20 points) <i>Complete the objective-based module test</i> 	Practice/ Training Videos/Exam/Labs/Module Mastery	
Module 9: Operating Systems			
<p>Due: 2/23/2023</p>	<ul style="list-style-type: none"> • Reading and Resources Module 9 <i>Operating Systems (Chapter Introduction and Review)</i> 	Reading/ Videos/Activities	

	<ul style="list-style-type: none"> • Animation Module 9 <i>Watch animation to deepen concept understanding.</i> • Drag and Drop Module 9 <i>Complete the (6) drag and drop activity to test your knowledge.</i> 		
Module 9: (6 Graded Assignments)			
Due: 3/9/2023	<ul style="list-style-type: none"> • Practice Test Module 9 (worth 20 points) <i>This will be your 1st take of this assignment.</i> • SAM Training Module 9 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 9 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • Additional SAM Concepts Lab Assignments Module 9 (worth 100 points) <i>Complete the additional training videos and related questions to further your understanding of concepts skills.</i> • SAM Concepts Lab Exam Module 9 (worth 100 points) <i>Complete the additional SAM exam to further your understanding of concepts skills.</i> • End of Module 9 Test (worth 20 points) <i>Complete the objective-based module test</i> 	Practice/ Training Videos/Exam/Labs/Module Mastery	
Module 10: Communicating Digital Content			
Due: 3/16/2023	<ul style="list-style-type: none"> • Reading and Resources Module 10 <i>Communicating Digital Content (Chapter Introduction and Review)</i> • Animation Module 10 <i>Watch animation to deepen concept understanding.</i> • Drag and Drop Module 10 <i>Complete the (5) drag and drop activity to test your knowledge.</i> 	Reading/ Videos/Activities	
Module 10: (6 Graded Assignments)			

<p>Due: 3/30/2023</p>	<ul style="list-style-type: none"> • Practice Test Module 10 (20 points) <i>This will be your 1st take of this assignment.</i> • SAM Training Module 10 (100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 10 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • Additional SAM Concepts Lab Assignments Module 10 (worth 100 points) <i>Complete the additional training videos and related questions to further your understanding of concepts skills.</i> • SAM Concepts Lab Exam Module 10 (worth 100 points) <i>Complete the additional SAM exam to further your understanding of concepts skills.</i> • End of Module 10 Test (worth 20 points) <i>Complete the objective-based module test</i> 	<p>Practice/ Training Videos/Exam/Labs/Module Mastery</p>	
Module 11: Building Solutions			
<p>Due: 4/6/2023</p>	<ul style="list-style-type: none"> • Reading and Resources Module 11 <i>Building Solutions Chapter Introduction and Review)</i> • Animation Module 11 <i>Watch animation to deepen concept understanding.</i> • Drag and Drop Module 11 <i>Complete the (6) drag and drop activity to test your knowledge.</i> 	<p>Reading/ Videos/Activities</p>	
SPRING BREAK			
Module 11: (6 Graded Assignments)			
<p>Due: 4/27/2023</p>	<ul style="list-style-type: none"> • Practice Test Module 11 (worth 20 points) <i>This will be your 1st take of this assignment.</i> • SAM Training Module 11 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • SAM Exam Module 11 (worth 100 points) <i>Watch the training videos and answer the corresponding questions.</i> • Additional SAM Concepts Lab Assignments Module 11 (worth 100 points) 	<p>Practice/ Training Videos/Exam/Labs/Module Mastery</p>	

	<p>Complete the additional training videos and related questions to further your understanding of concepts skills.</p> <ul style="list-style-type: none"> • SAM Concepts Lab Exam Module 11 (worth 100 points) <p>Complete the additional SAM exam to further your understanding of concepts skills.</p> <ul style="list-style-type: none"> • End of Module 11 Test (worth 20 points) <p>Complete the objective-based module test</p>		
Module 12: Working in the Enterprise			
<p>Due: 5/4/2023</p>	<ul style="list-style-type: none"> • Reading and Resources Module 12 <p>Connecting and communicating Online</p> <ul style="list-style-type: none"> • Animation Module 12 <p>Watch animation to deepen concept understanding.</p> <ul style="list-style-type: none"> • Drag and Drop Module 12 <p>Complete the (7) drag and drop activity to test your knowledge.</p>	Reading/ Videos/Activities	
Module 12: (6 Graded Assignments)			
<p>Due: 5/11/2023</p>	<ul style="list-style-type: none"> • Practice Test Module 12 (worth 20 points) <p>This will be your 1st take of this assignment.</p> <ul style="list-style-type: none"> • SAM Training Module 12 (worth 100 points) <p>Watch the training videos and answer the corresponding questions.</p> <ul style="list-style-type: none"> • SAM Exam Module 12 (worth 100 points) <p>Watch the training videos and answer the corresponding questions.</p> <ul style="list-style-type: none"> • Additional SAM Concepts Lab Assignments Module 12 (worth 100 points) <p>Complete the additional training videos and related questions to further your understanding of concepts skills.</p> <ul style="list-style-type: none"> • SAM Concepts Lab Exam Module 12 (worth 100 points) <p>Complete the additional SAM exam to further your understanding of concepts skills.</p> <ul style="list-style-type: none"> • End of Module 12 Test (worth 20 points) <p>Complete the objective-based module test</p>	Practice/ Training Videos/Exam/Labs/Module Mastery	
Focus: Web Development: (6 Graded Assignments)			

<p>Due: 5/18/2023</p>	<ul style="list-style-type: none"> • Practice Test Focus On: Web Development (worth 10 points) <p><i>This will be your 1st take of this assignment.</i></p> <ul style="list-style-type: none"> • SAM Training Web Development (worth 100 points) <p><i>Watch the training videos and answer the corresponding questions.</i></p> <ul style="list-style-type: none"> • SAM Exam Web Development (worth 100 points) <p><i>Watch the training videos and answer the corresponding questions.</i></p> <ul style="list-style-type: none"> • Additional SAM Concepts SAM Concepts Lab Training Web Development (worth 100 points) <p><i>Complete the additional training videos and related questions to further your understanding of concepts skills.</i></p> <ul style="list-style-type: none"> • SAM Concepts Lab Exam Web Development (worth 100 points) <p><i>Complete the additional SAM exam to further your understanding of concepts skills.</i></p> <ul style="list-style-type: none"> • End of Module Focus On: Web Development Test (worth 0 points) <p><i>Complete the objective-based module test</i></p>	<p>Practice/ Training Videos/Exam/Labs/Module Mastery</p>
---	---	---