

Start here

Unit 12, Ship It Like a Professional. Computer Programming I, Digital Technology cluster.

What you were sent

90 documents. Every one is complete on its own and opens in Word.

Folder	Files	What it is
Teacher	42	A plan per lesson, a substitute one pager per lesson, the unit overview, the course scope and sequence
Student	46	One file per handout
Index	1	Every file, copies needed, paper stock

How the names work

CP1_U12_L03a_HANDOUT_Error-Message-Lab.docx

Course, unit, lesson, what it is, what it is called. Alphabetical order is teaching order. The same code prints in every footer.

Files ending _SUPPORT carry more structure. Files ending _STRETCH ask for more judgment. Available for: Design Document, Efficiency Analysis, Portfolio Build, Test Case Design.

Files with SUB- in the name are one page substitute plans.

Before day one

Read the teacher preparation notes in the unit overview.

What to copy, and when

Handout	Use with	Pages	Copies
Computer Programming I	Keep all year	24	1 per student, keep all year

Handout	Use with	Pages	Copies
Unit 12 Student Guide	Keep all year	10	1 per student, keep all year
Project Standards Card	Keep all year	4	1 per pair, laminate
Certiport Objective Map	Keep all year	3	1 per pair, laminate
Sentence Frames for Review and Interview	Keep all year	4	1 per pair, laminate
Project Pitch	Lesson 1	4	1 per student
Scoping Worksheet	Lesson 2	6	1 per student
The Design Document	Lesson 3	4	1 per student
Class Map Planner	Lesson 3	4	1 per student
Build Log	Lesson 4	3	1 per pair, laminate
Skeleton Checklist	Lesson 4	4	1 per student
Objects and Their Data	Lesson 5	6	1 per student
Designing Test Cases	Lesson 6	4	1 per student
Core Feature Build Checklist	Lesson 7	6	1 per student
Debugging Strategies	Lesson 8	4	1 per student
Debugging Strategy Card	Lesson 8	3	1 per pair, laminate
Unit 12 Mid-Unit Checkpoint	Lesson 9	6	1 per student, print same day
Edge Cases and Bad Input	Lesson 10	6	1 per student
Output Validation Sheet	Lesson 11	4	1 per student
Efficiency Analysis	Lesson 12	4	1 per student
Javadoc Lab	Lesson 13	6	1 per student
Javadoc Tag Card	Lesson 13	3	1 per pair, laminate
Code Review Protocol	Lesson 14	3	1 per pair, laminate

Handout	Use with	Pages	Copies
Code Review Findings Sheet	Lesson 14	4	1 per student
Responding to a Code Review	Lesson 15	8	1 per student
Certiport Objective Walkthrough	Lesson 16	4	1 per student
Certiport Practice Exam	Lesson 16	8	1 per student, print same day
Certification Gap Plan	Lesson 16	4	1 per student
The Resume	Lesson 17	4	1 per student
The Portfolio Entry	Lesson 17	4	1 per student
Career Plan Update	Lesson 17	4	1 per student
Interview Practice	Lesson 18	4	1 per student
Interview Question Cards	Lesson 18	3	1 set per pair, card stock
The Portfolio Build	Lesson 19	10	1 per student, staple
Test Plan	Lesson 19	4	1 per student
Certiport Practice Exam Retake	Lesson 19	8	1 per student, print same day
Presentation Protocol Card	Lesson 19	3	1 per pair, laminate
Capstone Self-Assessment and Course Reflection	Lesson 20	6	1 per student

Fonts

IBM Plex Sans and IBM Plex Mono, both embedded. Code is set in the monospace face everywhere it appears.

Edition

Edition 2026.1. Aligned to the Maryland CTE course standards adopted by the State Board in September 2025.