

Idaho PTE Business Education Course w/Essential Learning Outcomes

Course Title	COMPUTER PROGRAMMING AND SOFTWARE DEVELOPMENT II		
SDPTE Course ID	BE 0260	IBED	IBED 10156

A course designed to build on the skills and knowledge established in Computer Programming and Software Development I.

Term	Semester	Prereq	BE 0250
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Notes:

Business Law *BLaw_7: Demonstrate Knowledge of Computer Law*

- BLaw_7.1 Explain how the advances in computer technology impact upon such areas as property law, contract law, criminal law, and international law.

Information Systems *IS_12: Demonstrate Knowledge of Programming*

- IS_12.10 Demonstrate ability to use Advanced Object Oriented Class Concepts.
- IS_12.11 Demonstrate ability to use Advanced Arrays Concepts.
- IS_12.12 Demonstrate ability to use Recursion, Searching, and Sorting.
- IS_12.13 Demonstrate ability to use Object-Oriented Analysis & Design.
- IS_12.14 Demonstrate ability to use Lists.
- IS_12.15 Demonstrate ability to use Stacks and Queues.
- IS_12.16 Demonstrate ability to use Sets and Maps.
- IS_12.17 Demonstrate ability to Implement Lists.
- IS_12.18 Demonstrate ability to Implement Sets and Maps.
- IS_12.19 Demonstrate ability to Implement Trees & Priority Queues.

Information Systems *IS_13: Demonstrate Knowledge of Communications Systems and Networking*

- IS_13.1 Design and implement security plans and procedures for information systems.

Information Systems *IS_14: Demonstrate Knowledge of Information Systems Careers*

- IS_14.1 Describe positions and career paths in information systems.