



Workforce Preparation: C++ Ins

2023-2024 Catalog

[ARCHIVED CATALOG]

SDEV 273 - Workforce Preparation: C++ Ins

PREREQUISITES/COREQUISITE: [SDEV 230 - Software Development using C++](#) OR [CSCI 201 - Computer Science II](#).

PROGRAM: Software Development

CREDIT HOURS MIN: 1

LECTURE HOURS MIN: 1

DATE OF LAST REVISION: Fall 2022

The workforce preparation course is focused on the C++ Institute's Certified Programmer Associate certification. Students use this course as preparation leading to the certification, for keeping the certification up to date, or as review as they work forward into further C++ Institute or other software development, computer science, or programming certifications. The preparation is designed to be a continued validation of one's expertise and a tool to expand one's skill set. Preparation includes quizzes, assignments, and practice tests based on the certification exam. Students are required to demonstrate course objectives through the appropriate certification exam preparation materials and completion of the appropriate certification exam at the end of the course. The fee for the certification exam is assessed upon enrollment in the course.

MAJOR COURSE LEARNING OBJECTIVES: Upon successful completion of this course, the student will be expected to:

1. Apply skills necessary to prepare for workforce employment.
2. Examine the objectives of the certification objectives.
3. Plan the approach to certification exam taking skills.
4. Explore the skills required in preparation for the workforce and the certification exam.

COURSE CONTENT: Topical areas of study include -

- Skills evaluation
- Skills development
- Workforce needs
- Certification preparation
- Certification objectives

CERTIFICATION ASSOCIATED COURSE:

All students enrolled in this course are required to take the corresponding certification exam at some point on or before the last day of the course. The seat, allowing the student to take the certification exam, was paid for by the student as consumable fee at the beginning of the course, along with tuition. If the student does not take the exam, the student will earn an "F" for the class. If the student takes the exam and does not pass the exam, the highest grade possible in the course is a "B." However, if the student passes the exam, it will account for 20% of the total course grade. Students will be assessed the current fee in order to take the examination. This consumable fee will be automatically encumbered upon enrollment in the course.



CERTIFICATION/LICENSURE DISCLAIMER:

Ivy Tech cannot guarantee that any student will pass a certification or licensing exam. Your success will be determined by several factors beyond the instruction you are given in the classroom including your test-taking skills, your willingness to study outside of class, and your satisfactory completion of appropriate practice exams. Certification exam questions are drawn from databases of tens of thousands of possible questions and no two people are asked exactly the same progression of questions. Therefore, a thorough understanding of the subject matter is required. The goal of Ivy Tech in providing a certification exam studies class is to assist you in understanding the material sufficiently to provide a firm foundation for your studies as you prepare for the exam.

[Course Addendum - Syllabus \(Click to expand\)](#)
