Prepare for Industry Certifications

— while working on your AAS Degree or Certificate of Achievement

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The CIT Department at the College of Southern Nevada offers many courses to help you prepare for industry-recognized certifications: Cisco, CompTIA, Microsoft, Oracle, and more. The courses will also fulfill requirements for AAS Degrees and Certificates of Achievement in CIT. Various certifications and their associated preparatory courses are presented on this page. All courses are 3 credits, unless noted otherwise.

The course material of each class can serve only as a guide to the specific topics covered in the certification exams. Passing these classes does not guarantee that you will pass the certification exams. Additional review and practice will be required to achieve the mastery of the concepts and skills needed to pass the exams.

(If you already hold *current* versions of these industry certifications, you may wish to use them to petition for **Non-Traditional Educational (NTE)** credit for relevant courses required for AAS degrees or Certificates of Achievement. Specific rules, procedures and limitations apply. See the "Challenges" section on page 8 in the print version of the *2016–2017 General Catalog & Student Handbook* for details.)

C++ Institute

The C++ Institute (*http://cppinstitute.com/cc-certifcation-exams*) offers certifications in both the C programming language and the C++ programming language. Classes at CSN will help you prepare for certifications at both the Associate level and at the Professional level.

All of the classes mentioned below can be used to fulfill requirements for the following:

- AAS Degree in CIT Software - Programming

C++ Institute — C++ Certified Associate Programmer (CPA)

This certification validates a basic knowledge of the C++ programming language. While the following classes at CSN are not tied directly to any certification, they will help you prepare for the C++ Associate Programmer exam:

- CIT 133 Beginning C++ (Prerequisite: IS 115 [Prerequisite: MATH 95 or above with a grade of C or higher; or ET 111B with a grade of C or higher; or a satisfactory ACT/SAT/Placement Test score that places the student in MATH 96 or above] OR CS 135 Computer Science I (Prerequisite: MATH 127 or MATH 128)

C++ Institute — C++ Certified Professional Programmer (CPP)

This certification validates an advanced knowledge of the C++ programming language. While the following classes at CSN are not tied directly to any certification, they will help you prepare for the C++ Professional Programmer exam:

- CIT 233 Advanced C++ (Prerequisite: CIT 133) OR CS 202 Computer Science II (Prerequisite: CS 135)

C++ Institute — C Programming Language Certified Associate (CLA)

This certification validates a basic knowledge of the C programming language. While the following class at CSN is not tied directly to any certification, it will help you prepare for the C Programming exam:

- CIT 131 Beginning C Programming (Prerequisite: IS 115)

Contact Naser Heravi, Software Program Director, for more information.

Costs

Fees for 100-200 level classes are

- about $280 for 3-credit courses
- about $380 for 4-credit courses

Fees for 300-400 level classes are

- about $470 for 3-credit courses
- about $620 for 4-credit courses

For additional fees, such as those for non-residents, go to the cashier's Tuition & Fees page (*https://www.csn.edu/tuition-fees*). The fees for the certification exams are NOT included in CSN's fees. Textbooks are an additional expense.