

Course Title: CSC/IST132 C++ Programming

Course Leader: Tom Paci-Funk

Expected Learning Outcomes for Course

- Critical Thinking and Problem Solving – use skills for analysis of programming problems and selection of algorithms.
- Computation – Use mathematical skills to develop algorithms and verify program outputs.
- Technology – Select and use appropriate programming constructs to solve problems.
- Information Literacy – Use textbook, programming references and online help to access necessary information.

Assessment

(How do students demonstrate achievement of these outcomes?)

Students develop practical, professional-quality programs using appropriate C++ programming methods that are graded using rubrics developed by the instructor and reviewed/approved by the IST Advisory Committee based on standard programming standards.

Validation

(What methods are used to validate your assessment?)

The instructor is following the course plan of a cohort college (Millersville University).

Former students (who now work in the developer/programmer field) were contacted for their input into course revisions.

Results

(What does the data show?)

Follow-up

(How have you used the data to improve student learning?)

Budget Justification

(What resources are necessary to improve student learning?)

HCC needs to purchase a newer version of C++. The students are currently getting free version of C++ that are ahead of HCC's version.