

Assessment: Course Four Column

SPRING/SUMMER 2015



El Camino: Course SLOs (MATH) - Computer Sciences

ECC: CSCI 30:Advanced Programming in C++

Course SLO	Assessment Method Description	Assessment Data & Analysis	Actions
<p>SLO #2 Tracing and Verifying - Students, when given a code segment involving use of a class, will be able to trace the construction of class objects, trace the destruction of class objects, verify whether memory leaks have occurred, trace object assignment operations, verify when copy constructors are invoked and when overloading of copy constructors is required.</p> <p>Course SLO Status: Active</p> <p>Course SLO Assessment Cycle: 2014-15 (Spring 2015)</p> <p>Input Date: 11/19/2013</p>	<p>Exam/Test/Quiz - You have been given copies of the file <code>MemberInitializationListDetails.cpp</code> that contains code for a class <code>Name</code>, a class <code>Student</code>, and a main function. On page 2, in the <code>Student</code> class there is code delineated as Version 1 and as Version 2. Similarly, on pages 2 and 3, in the main function, there is code that is also delineated as Version 1 and as Version 2. Your job is to:</p> <p>(a) Write the output that is written to the monitor when both Version 1 components are active.</p> <p>(b) Write the output that is written to the monitor when both Version 2 components are active.</p> <p>Standard and Target for Success: It is expected that 85% of students will score 70% or higher. See attached documents for rubric.</p> <p>Related Documents: MemberInitializationListDetails.cpp MemberInitializationListDetails</p>	<p>Semester and Year Assessment Conducted: 2013-14 (Spring 2014)</p> <p>Standard Met? : Standard Met 59.1% scored 90% or higher (13 of 22). 27.3% scored 80% or higher (6 of 22). 13.6% scored 70% or higher (3 of 22). Because of the small number of students, the level of maturity of the students taking the class was greater than the norm, which led to the exceptionally good results for this semester. (09/09/2014)</p> <p>Faculty Assessment Leader: Ralph Taylor</p> <p>Faculty Contributing to Assessment: Ralph Taylor</p>	<p>null.courseAction: Work toward having 85% score 75% or higher every assessment. (09/10/2018)</p> <p>Action Category: SLO/PLO Assessment Process</p>

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[Sample Runs.txt](#)

Exam/Test/Quiz - 1. You have been given copies of the file MemberInitializationListDetails.cpp that contains code for a classes Name and Student, and a main function. On page 2, in the Student class there is code delineated as Version 1 and as Version 2. Similarly, on pages 2 and 3, in the main function, there is code that is also delineated as Version 1 and as Version 2.

(a) Write the output that is written to the monitor when both Version 1 components are active.

(b) Write the output that is written to the monitor when both Version 2 components are active.

2. Regarding classes with at least one member data item that is a pointer that is used for dynamic memory allocation, provide examples of why the system generated copy constructor is not acceptable, why the system generated destructor is not acceptable, and why the system generated assignment operator is not acceptable. You should use your version of the Person class from assignment Pgm01. The examples should be code segments, along with sketches related to those code segments, detailing exactly what is happening.

Related Documents:

[MemberInitializationListDetails.cpp](#)

Semester and Year Assessment Conducted: 2014-15 (Spring 2015)

Standard Met? : Standard Met

35 students participated. 22 students, 62.857% earned A range scores.

5 students, 14.286%, earned B range scores.

3 students, 8.571%, earned C range scores.

So, 85.714% of the students earned passing scores.

2 students, 5.714%, earned D range scores.

3 students, 8.571%, earned F range scores.

This result is generally consistent with the standard of 85% scoring 75% or higher on every assessment. (09/13/2015)

Faculty Assessment Leader: Ralph Taylor

Faculty Contributing to Assessment:

Ralph Taylor

Reviewer's Comments:

ECC: CSCI 40:Introduction to UNIX/LINUX Operating Systems

<i>Course SLO</i>	<i>Assessment Method Description</i>	<i>Assessment Data & Analysis</i>	<i>Actions</i>
<p>SLO #2 Using Shell Programming - Students use shell programming to create file processing applications and control user interaction.</p> <p>Course SLO Status: Active</p> <p>Course SLO Assessment Cycle: 2014-15 (Spring 2015)</p> <p>Input Date: 11/19/2013</p>	<p>Laboratory Project/Report - See attached file.</p> <p>Standard and Target for Success: It is expected that 80% of the students will receive a 70% score or better.</p> <p>Related Documents: CS40_SLO2_Question_Spring2015.txt CS 40 Rubric for Grading the SLO Question.docx</p>	<p>Semester and Year Assessment Conducted: 2014-15 (Spring 2015)</p> <p>Standard Met? : Standard Not Met</p> <p>12 out of 17 students (71%) d assessed, scored 70% or higher. Three of the 5 students falling below the pass line were close, with two scoring 50% and the third scoring 60%. Given that this was the part-time instructor's first time teaching the course, we can expect that the pass rate will improve. Had the 2 of the 3 students that were "close" made the cut, the pass percent would have been 82% and met the target. (09/11/2015)</p> <p>Faculty Assessment Leader: Gregory L. Scott</p> <p>Faculty Contributing to Assessment: Gregory L. Scott, Edwin Ambrosio</p> <p>Reviewer's Comments:</p> <p>Related Documents: CS 40 0132 Spring 2015 SLO Assessment_Results.xls undefined</p>	<p>null.courseAction: The next time this SLO is assessed, we will preview the assessment and give more direction in presenting the material which this SLO is designed to assess. (09/11/2015)</p> <p>Action Category: Teaching Strategies</p> <p>null.courseFollowUp: Meet with the instructor for a preview and discussion of the material related to the SLO. (09/09/2016)</p>