



Course Assessment Report - 4 Column

Great Basin College

Courses (CT) - Computer Technologies

Course Outcomes	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Weekly assignments- general ed requirement - Students will be responsible for completing weekly assignments involving oral and written forms of communication, embracing discussions, reading, listening, and accessing information. (General education requirement for communication skills) (Created By Courses (CT) - Computer Technologies) Next Assessment: 2017-2018 Start Date: 06/23/2014 Course Outcome Status: Active	Assessment Measure: Evaluate discussions using a grading rubric that addresses the written communication requirements. Assessment Measure Category: Assignment - Project Criterion: 70% or higher	11/13/2014 - All students averaged 82% on these assignments. Criterion Met: Yes Reporting Period: 2013-2014	
Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Demonstrate quantitative ability with a variety of programming concepts - Throughout the semester, students will demonstrate quantitative ability with a variety of programming concepts. A few examples are assignment statements, expressions, and looping. (General education requirement for critical thinking – quantitative ability element) (Created By Courses (CT) - Computer Technologies) Next Assessment: 2017-2018 Start Date: 06/23/2014 Course Outcome Status: Active	Assessment Measure: Program Challenge assignments in the back of each chapter. Assessment Measure Category: Discussion Criterion: 70% or higher	11/13/2014 - All students averaged 82% on these assignments. Criterion Met: Yes Reporting Period: 2013-2014	
Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Demonstrate logic and visual thinking in the creation of algorithms - Throughout the semester, students will demonstrate logic and visual thinking in the creation of algorithms necessary to solve a problem. (General education requirement for critical thinking – independent thought) (Created By Courses (CT) - Computer Technologies) Next Assessment: 2017-2018 Start Date: 06/23/2014	Assessment Measure: Program Challenge assignments in the back of each chapter. Assessment Measure Category: Assignment - Project Criterion: 70% or higher	11/13/2014 - All students averaged 82% on these assignments. Criterion Met: Yes Reporting Period: 2013-2014	

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<p>Course Outcome Status: Active</p> <p>Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Programming languages and the elements common to them - Throughout the semester, students will demonstrate the understanding of programming languages and the elements common to them. (General education requirement for critical thinking – scientific understanding) (Created By Courses (CT) - Computer Technologies)</p> <p>Next Assessment: 2017-2018</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>			
<p>Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Demonstrate the value of programming - Students will demonstrate the value of programming as an element of efficiency and social progress through assignments. (General education requirement for personal and cultural awareness – sense of the individual in society) (Created By Courses (CT) - Computer Technologies)</p> <p>Next Assessment: 2017-2018</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Program Challenge assignments in the back of each chapter.</p> <p>Assessment Measure Category: Assignment - Project</p> <p>Criterion: 70% or higher</p>	<p>11/13/2014 - All students averaged 80% on these assignments and tests.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Technological advances that programming has provided to society - Students will gain an understanding of the technological advances that programming has provided to society. (General education requirement for personal and cultural awareness – sense of the past) (Created By Courses (CT) - Computer Technologies)</p> <p>Next Assessment: 2017-2018</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Unit test #1</p> <p>Assessment Measure Category: Quiz</p> <p>Criterion: 70% or higher</p>	<p>11/13/2014 - Students averaged 80% on this test</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Computer ethics - Students will gain an understanding of computer</p> <p>Next Assessment: 2017-2018</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Research paper on the ACM Code of Ethics and Professional Conduct</p>	<p>11/13/2014 - Students averaged 75% on this paper</p> <p>Criterion Met: Yes</p>	<p>11/13/2014 - Provide a video link to the ACM Learning Center webinar on ethics.</p>

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ethics as it pertains to computing professionals. (General education requirement for personal and cultural awareness – sense of accountability) (Created By Courses (CT) - Computer Technologies) Next Assessment: 2017-2018 Start Date: 06/23/2014 Course Outcome Status: Active	Assessment Measure Category: Assignment - Written Criterion: 70% or higher	Reporting Period: 2013-2014	
Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Computer systems (hardware and software) - The primary tools used in this class will be technology based: Computer systems (hardware and software), and programs and programming languages (specifically C++). (General education requirement for technological understanding) (Created By Courses (CT) - Computer Technologies) Next Assessment: 2017-2018 Start Date: 06/23/2014 Course Outcome Status: Active	Assessment Measure: Because this is the primary tool used for the class, the assessment measure would be the overall class average for all assignments and assessments throughout the semester. Assessment Measure Category: Assignment - Project Criterion: 70% or higher	11/13/2014 - Overall average for six students this semester was 81%. Criterion Met: Yes Reporting Period: 2013-2014	
Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Problem solving techniques by creating algorithms - Perform problem solving techniques by creating algorithms (Created By Courses (CT) - Computer Technologies) Next Assessment: 2017-2018 Start Date: 06/23/2014 Course Outcome Status: Active	Assessment Measure: Program Challenge assignments in the back of each chapter. Assessment Measure Category: Assignment - Project Criterion: 70% or higher	11/13/2014 - Overall average of all programming assignments for six students this semester was 82%. Criterion Met: Yes Reporting Period: 2013-2014	
Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Design and create a program using sequencing - Design and create a program using sequencing (Created By Courses (CT) - Computer Technologies) Next Assessment: 2017-2018 Start Date: 06/23/2014 Course Outcome Status: Active	Assessment Measure: Program Challenge assignments in the back of each chapter. Assessment Measure Category: Assignment - Written Criterion: 70% or higher	11/13/2014 - Overall average of all programming assignments for six students this semester was 82%. Criterion Met: Yes Reporting Period: 2013-2014	
Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Identify and use various			

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<p>data types - Identify and use various data types (Created By Courses (CT) - Computer Technologies)</p> <p>Next Assessment: 2017-2018</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Program Challenge assignments in the back of each chapter.</p> <p>Assessment Measure Category: Assignment - Project</p> <p>Criterion: 70% or higher</p>	<p>11/17/2014 - Overall average of all programming assignments for six students this semester was 82%.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Statements and mathematical expressions - Create assignment statements and mathematical expressions (Created By Courses (CT) - Computer Technologies)</p> <p>Next Assessment: 2017-2018</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Program Challenge assignments in the back of each chapter.</p> <p>Assessment Measure Category: Assignment - Project</p> <p>Criterion: 70% or higher</p>	<p>11/17/2014 - Overall average of all programming assignments for six students this semester was 82%.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Decision structures and repetitive loops - Create decision structures and repetitive loops (Created By Courses (CT) - Computer Technologies)</p> <p>Next Assessment: 2017-2018</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Program Challenge assignments in the back of chapters 4 - 10.</p> <p>Assessment Measure Category: Assignment - Project</p> <p>Criterion: 70% or higher</p>	<p>11/17/2014 - Overall average of these programming assignments for six students this semester was 80%.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Identify and design functions - Identify and design functions (Created By Courses (CT) - Computer Technologies)</p> <p>Next Assessment: 2017-2018</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Program Challenge assignments in the back of chapters 6 - 10.</p> <p>Assessment Measure Category: Assignment - Project</p> <p>Criterion: 70% or higher</p>	<p>11/17/2014 - Overall average of these programming assignments for six students this semester was 81%.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (CT) - Computer Technologies - CS 135 - Computer Science 1 - Create and use arrays - Create and use arrays (Created By Courses (CT) - Computer Technologies)</p> <p>Next Assessment: 2017-2018</p> <p>Start Date: 06/23/2014</p>	<p>Assessment Measure: Program Challenge assignments in the back of chapters 7 - 10.</p> <p>Assessment Measure Category: Assignment - Project</p> <p>Criterion: 70% or higher</p>	<p>11/17/2014 - Overall average of these programming assignments for six students this semester was 78%.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	<p>11/17/2014 - This fall, CS 135 will have a new text book that covers the same concepts but hopefully in a format that is easier for the distance learners in the online environment. Plus I will be adding more demonstration videos and interactive web pages in WebCampus for the non-weighted assessments.</p>

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