

GBC Class/Course Assessment Report

Course Prefix, Number, and Title: CIT 151 Beginning Web Development

Department: Computer Technologies

Instructor: Kathy Schwandt

Academic Year: 2019-2020

Section Number(s): 1001

Is this a GenEd class? Yes ___ No X

Complete and submit your assessment report electronically to your department chair. As needed, please attach supporting documents and/or a narrative description of the assessment activities. You may use as many or as few outcomes as necessary.

Class/Course Outcomes	Assessment Measures	Assessment Results	Any Changes Made as a Result of Assessment
<p><i>In the boxes below, summarize the outcomes assessed in your class or course during the last year. If this is a GenEd class, include the appropriate GenEd objectives.</i></p>	<p><i>In the boxes below, summarize the methods used to assess the course outcomes during the last year. Include the criterion you'll use to judge whether or not students have achieved the expected outcome.</i></p>	<p><i>In the boxes below, summarize the results of your assessment activities during the last year. Include your judgment as to whether or not the criterion for student achievement has been met.</i></p>	<p><i>In the boxes below, summarize how you plan to use the results to improve student learning.</i></p>
<p>Outcome #1: edit, design, create, and publish web pages and sites</p>	<p>Assessment Measure: Hands-On Assignments</p> <p>Criterion for achievement: 70% of participating students earn a passing grade for this assessment measure. Non-participating students are those with no assignment submissions.</p>	<p>Results: 11 of 14 (79%) participating students earned passing grades for hands-on assignments. The three students who did not either did not submit many of the assignments, or turned in incomplete work.</p> <p>Criterion Met: Yes</p>	<p>Action Plan: For this class this academic year, I used a textbook with online video and quiz components based on commercial web development software, and the hands-on work that students submitted was primarily using this software. There were technical issues with the textbook publisher's servers during the first few weeks of the spring semester when the online videos and quizzes were unavailable for students. Also, some students needed to use Virtual Machines for the commercial software access and there were multiple technical issues in the fall and spring semesters that resulted in students being unable to access the software. Next fall I will be using a different method to deliver this class with the purpose of creating a smoother and more beneficial experience for students. I will use an online interactive zyBook that is software-neutral and doesn't</p>

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			<p>require students to have specific access to anything other than the zyBook resources. zyBooks is already an available Canvas (our WebCampus platform) app, which another CT faculty member has been using successfully. Research data presented on the zyBooks website is very promising for increasing student success. This data indicates that least-prepared students improved by 64%, students self-reported significantly higher levels of engagement with a zyBook vs. a traditional textbook, and students voluntarily spent twice as long with the zyBook. The research paper presenting this data is linked below.</p> <p>https://www.zybooks.com/wp-content/uploads/2016/06/Effectiveness-of-Online-Textbooks-vs.-Interactive-Web-Native-Content.pdf</p>
<p>Outcome #2: identify and discuss the fundamentals of creating web pages and sites</p>	<p>Assessment Measure: Online Textbook Quizzes and Class Discussions</p> <p>Criterion for achievement: 70% of participating students earn a passing grade for each assessment measure. Non-participating students are those with no assignment submissions.</p>	<p>Results: 12 of 14 (86%) participating students earned passing grades for online textbook quizzes. 11 of 14 (79%) participating students earned passing grades for class discussions. The students who did not earn passing grades either did not complete many of the assignments, or did incomplete work.</p> <p>Criterion Met: Yes</p>	<p>Action Plan: See the Action Plan described for Outcome #1.</p>

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Outcome #3: solve web page creation challenges using hands-on skills and concepts learned	Assessment Measure: Hands-On Assignments Criterion for achievement: 70% of participating students earn a passing grade for this assessment measure. Non-participating students are those with no assignment submissions.	Results: Same as Outcome #1. Criterion Met: Yes	Action Plan: See the Action Plan described for Outcome #1.
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Notes:

I have reviewed this report:

Department Chair

Date _____

Dean

Date _____

Vice President of Academic Affairs and Student Services

Date _____