

SAMPLE PROJECT EVALUATION PLANS

Project Evaluation - The Project Director will coordinate with faculty participating in the project and the students enrolled in those courses. During fall 2012 and spring 2013 semesters, CIT instructors will conduct *qualitative* and *quantitative* research capturing 120 students' perceptions on mobile devices in CIT classes. In fall 2012 and spring 2013 semesters, 120 CIT students will express on pre- and post-semester questionnaires their expectations and concerns for using e-books in the course. During the fall 2012 and spring 2013 semesters, CIT instructors will collect data on three experimental groups: 60 students using Apple iPads, 60 students using Motorola Droid Xoom tablets, and 60 students using traditional print textbooks. At the conclusion of the fall 2012 and spring 2013 semesters, CIT instructors will compare quantitative student learning outcome data from three previous semesters with data generated by the proposed project to measure impact on students using each type of mobile devices and with students using traditional print textbooks.

Outcome Goal: Enhance student engagement, success, retention, and completion through integration of electronic mobile devices into Cyber Information Technology (CIT) curriculum.

Outcome Evaluation

Objective	Responsible	Timeline	Evaluation Measure
<p>By June 2013, BPCC CIT instructors will test the efficiency, flexibility, and suitability of electronic mobile devices and electronic textbooks for students in six majors within the CIT programs.</p> <p>Activity 1.1: CIT instructors will obtain research data to inform future course development of mobile applications curriculum for the 2014-15 academic year.</p>	<p>Project Director</p> <p>Participating Faculty</p>	<p>Formative: June 2012 - December 2012</p> <p>Formative: January 2013 - May 2013</p> <p>Final Evaluation/Final Report – June 2013</p>	<p>Project Director and participating faculty have distributed 120 devices to students in six majors in CIT programs.</p> <p>Data has been collected on usability and suitability of the devices to increase student learning outcomes</p> <p>Data has been collected to guide efforts toward creating new curriculum in mobile applications development</p>

Process Goal: Measure the impact that student use of electronic mobile devices has on student learning outcomes in CIT programs.

Process Evaluation

Objective	Responsible	Timeline	Evaluation Measure
<p>CIT instructors will conduct <i>qualitative</i> and <i>quantitative</i> research capturing 120 students' perceptions on mobile devices in CIT classes.</p> <p>Activity 1.1: In fall 2012 and spring 2013 semesters, 120 CIT students will express on pre- and post-semester questionnaires their expectations and concerns for using e-books in the course.</p> <p>Activity 1.2: During fall 2012 and spring 2013 semesters, CIT instructors will collect data on 60 students with data generated by the proposed project to measure impact on students using each type of mobile devices and with students using traditional print textbooks.</p>	<p>Project Director</p> <p>Participating Faculty</p>	<p>Formative: June 2012 - December 2012</p> <p>Formative: January 2013 - May 2013</p> <p>Final Evaluation/Final Report – June 2013</p>	<p>Pre- and post-semester questionnaires are completed by participating CIT students.</p> <p>Instructors have tracked engagement, retention, success, and completion rates of participating students in all three groups.</p> <p>Project Director has noted usefulness of devices, any problems with implementation, concerns of faculty and/or students.</p> <p>CIT Student learning outcomes from previous semesters (baseline) are compared with student learning outcomes from fall 2012 and spring 2013 semesters</p>

SAMPLE PROJECT EVALUATION PLANS

Project Evaluation

Outcome Goal: To provide faculty and students with an industry-standard post production lab.

Objective	Responsible	Timeline	Evaluation Measure
By October 1, 2012, Co-project Director will have installed and tested equipment and software for the post production lab.	Co-project Director	By October 1, 2012	Faculty and staff will be familiar with this new tool.
By February 1, 2013, 332 students will be enrolled in Telecommunications courses utilizing this technology.	Telecommunications dean, faculty and staff	Spring semester 2013	90% of these students will complete the Telecommunications courses they are enrolled in.

Goal 2: To enhance the post production lab environment.

Objective	Responsible	Timeline	Evaluation Measure
By October 1, 2012, Project Director will rewrite the curriculum.	Project Director and faculty in Telecommunications	By October 1, 2012	Students will receive training and practical experience in a post production lab environment.
By February 1, 2013, 345 students will be enrolled in Telecommunications courses utilizing this post production lab.	Project Director and faculty in Telecommunications	Spring semester 2013	90% of these students will complete the courses they are enrolled in with a grade of "C" or better.

Goal 3: To provide professional development opportunities for faculty/staff.

Objective	Responsible	Timeline	Evaluation Measure
Two faculty/staff will participate in professional development activities	Project Director/co-project director and faculty in Telecommunications	By May 15, 2013	Faculty and staff will receive training, incorporate post production techniques into curriculum, and train other faculty/staff in new knowledge and expertise.

Goal 4: To provide library resources for Telecommunications students to increase the support base for the curriculum of the Telecommunications Division.

Objective	Responsible	Timeline	Evaluation Measure
Library resources will be put in place for the revised curriculum in Telecommunications to include post production materials	Project Director/co-project director and faculty in Telecommunications Library dean and staff	By October 15, 2012	Resources incorporated into library holdings. 200 students will use resources by end of project.

The qualitative aspects of the project will be measured in terms of student perception and level of satisfaction with the project. An instrument will be developed by course instructors which will quantify the experiences of students as they relate to the project and the services provided by BPCC, specifically the Division of Telecommunications. This survey form will address outcome perceptions and how they pertain to the interoperability of the post production lab with current Avid workstations and Pro Tools digital audio workstations. Telecommunications students, faculty and staff who utilize these workstations will be surveyed regarding their

SAMPLE PROJECT EVALUATION PLANS

perceptions of how the revised curriculum meets the needs of students and attains the goals of satisfactory workforce preparation.

The instrument will be administered by the Project Director at the beginning of the Spring 2013 semester to determine the:

- Percentage of students satisfied with the post production lab.
- Percentage of students satisfied with the revised curriculum.
- Percentage of students satisfied with the knowledge and expertise of faculty/staff.
- Percentage of students satisfied with available library resources.

This instrument will be re-administered by the Project Director at the end of the semester to measure the improvement in services provided by the grant. It is estimated that the percentage of students expressing satisfaction with the project should be at least 90%.

A final narrative report collating data regarding the lab, curriculum, professional development and library resources will be submitted in June 2013.

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