INITIAL INSTRUCTIONAL TREATMENT PLAN

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ELFH 673

Scope:

Curriculum: REACH Graduate Student Assistant (GSA) Training

Course: Student Success Seminar Staff Training

Lesson: Seminar Technology

Topical: iClicker, iGrader, & TutorTrac

Needs Assessment:

During observations of the REACH Student Success Seminars last semester, the Coordinator for Student Success seminars, observed that the there were issues with the REACH Student Success Seminars, primarily related to the technology functions required by the presenter. As part of the GSA responsibilities, they are required to use the "Sympodium" SMART screen computer, iClickers, iClicker Software, iGrader Software, and the TutorTrac student database. Through the observations of each GSA setting up, presenting, and closing a seminar, the Coordinator noticed that the GSAs struggled with the different functions of the "Sympodium" system, launching the correct sessions when using the iClickers and iClicker software. Many of the GSAs also had issues with correctly uploading the student data to the TutorTrac system. Upon review of the TutorTrac database, many of the GSAs entered wrong dates, times, and seminar titles for the seminars they presented.

To further investigate the issues and problems, a brief survey was administered to the 16 GSAs who presented the seminars. The survey

asked about changes and suggestions they would make to the REACH

Student Success Seminars. The questions were as follows:

1. Please list a few changes you would like to see in the Student Success Seminars?
2. Please list a few items you like and would keep about the Student Success Seminars? Be as detailed as possible.
3. What activities have you done during the seminar to make it more appealing and/or understandable to students? Be as detailed as possible.
4. What personal experience/advice have you given to students during the seminar? Be as detailed as possible.
5. Is there any advice you would give to a new GSA on how to conduct these seminars?
6. Any other input about the seminars? Questions? Concerns?

The GSAs mentioned in question 6, that they felt that they received

inadequate training on how to effectively utilize the iClickers during the

seminars. Many stated they were thrown into the seminar and had to

figure it out on their own. The GSAs also asked to be trained in how to

better utilize the technology in room 111, such as the HoverCam

document camera, projector, and "Sympodium."

The seminar Coordinator has indicated that he desires for the GSAs

to be adequately trained in the technology used for the seminars. He

would like for the GSAs to know how to effectively use the "Sympodium,"

iClickers, iClicker software, and iGrader software to present each of the

Student Success Seminars. The Coordinator also indicated that he would

like for the GSAs to be able to enter data into TutorTrac correctly and

without errors. The Coordinator also indicated he would like for the GSAs to be trained online through their REACH Student Success Seminar staff module. The coordinator indicated that there is not enough time during GSA training to schedule an in person training session. By providing an online eLearning option the GSAs will be able to complete the module at their own time before they present a seminar.

Instructional Objectives:

Instructional Objective # 1(Terminal): Given a computer and the presentation equipment, the GSAs will demonstrate with 100% accuracy how to use the presentation equipment with no assistance. (Procedure/Application)

> ***Enabling Objective 1a:*** Upon completion of the training, the GSA will explain how to turn on/off and sign into/out of the "Sympodium" computer with no assistance.

> ***Enabling Objective 1b:*** After participating in training, the GSA can explain how to access and start/close the iClicker software with no assistance.

> ***Enabling Objective 1c:*** Upon locating and initializing the iClicker software, the GSA can select the appropriate seminar in iClicker with no assistance.

Enabling Objective 1d: Upon locating the appropriate seminar, the GSA can select the appropriate iClicker question list with no assistance.

Instructional Objective # 2 (Terminal): Upon completion of the seminar training, the GSAs will demonstrate how to perform all steps in the post-seminar wrap up without using the training materials. (Procedure/Application)

Enabling Objective 2a: Upon completion of the training, the GSA will explain how to run iGrader and run reports on the iClicker questions without assistance.

Enabling Objective 2b: Upon completion of the training, the GSA will be able to list the steps necessary to batch upload the students who attended into TutorTrac without using the training material.

Enabling Objective 2c: Upon the completion of the training, the GSA will explain the process of how to inventory the iClickers and place them in the correct location without assistance.

Learner Analysis:

Primary Audience:

- New Graduate Student Assistants who have been assigned to work with the REACH Student Success Seminars.

Secondary Audience:

- Returning Graduate Student Assistants who have worked with Student Success Seminars, who need clarification and a review of how to use the technology.

General Learner Characteristics:

- Gender: 87.5% (7) Female and 12.5% (1) male

- Age: 21-25

- Work Experience: The GSAs are employed in an entry-level supervisor position. Most have had prior experiences presenting in front of other students. Most have not had any experience with the technology used in the Seminar presentation room.

- Education: Current graduate students at the University of Louisville; all have completed an undergraduate degree. Many have the desire to work in higher education and are pursuing some type of graduate degree in the teaching field.

- Ethnicity: 100% Caucasian

- Primary language: English

Entry Characteristics:

Prerequisite skills and knowledge:

- Understanding of the topic: All but two of the GSAs are new to REACH and new to presenting the Student Success Seminars. Most have never used the iClickers in the classroom. Half of the group has used TutorTrac before in the student role.

- Experience in the GSA position: Two of the GSAs have worked as presenters for the seminars before. They have some experience with TutorTrac, iClickers, and the iClicker software. All 8 GSAs have never used the iGrader software.

- Experience with technology: All of the GSAs are comfortable with technology. They have all expressed the desire to learn more about the technology use in the Seminars.

Attitudinal and motivational characteristics:

- Attitude toward training: The GSAs have indicated an interest in learning about the different aspects of the technology used in the REACH Student Success Seminars. Many of the GSAs have a desire to teach in the college setting, and are excited to learn how to use technology that will support them in their experiences.

- Motivation: The GSAs are very motivated. They have all indicated a desire to learn more in regards to the seminar technology.

Prior Experience:

- During the GSA interviews each GSA indicated they had presented in front of a group of students before. None had any experience using the technology used in the seminar room.

Common Errors made by GSAs:

- GSAs enter the wrong dates and times for the seminar in the TutorTrac System.

- GSAs do not launch the correct question list in iClicker, thus resulting in wrong data from the iClickers.

Context Analysis:

Orienting Context:

There are two areas to focus on regarding the orienting context. The design for the eLearning modules must be relevant to the jobs of the GSAs in regards to the seminars; therefore they will perceive a high utility for the instruction being provided. Secondly, the eLearning module must address the importance of correct use of all technology aspects to ensure correct data is reported back to the Coordinator regarding the Student Success Seminars. The module must stress how the training will help the GSAs successfully complete their jobs as presenters.

Instructional Context:

The instruction will be completed either on the GSA office computers or on their personal computer.

- Each GSA has a computer available in his or her office that can be used for the eLearning Module/

- Each GSA has access to the Blackboard Student Success Seminar Module.

- The iClickers and iClicker software will be demonstrated in simulation, as they will only work in the seminar presentation room.

- To preserve the data in the TutorTrac web database, the GSAs will use simulations of the software for practice.

Transfer Context:

- The training must be completed close to the beginning of the semester, prior to the start of the seminars. This will allow for an easier transfer of the knowledge and skills learned to the actual use of the technology in the seminar.

- The eLearning module must also be able to allow the GSAs to easily review the material right before their assigned presentation, once they have initially completed it.

- The module must also address issues related to the problems observed by the Coordinator.

- Scenarios presented in the eLearning module should mimic real situations that have occurred with the technology in the seminar presentation room.