COURSE DESCRIPTION: The TEED 589: Classroom Technology Integration software courses cover the fundamental concepts of a particular software program and its use in classroom technology integration. Participants will complete a fully integrated, content and standards-based, long-term unit of study, demonstrating educational uses of technology that help facilitate school improvement (NETS – National Educational Technology Standards).

The Technology Integration Framework will serve as the model participants use to develop their classroom technology integration unit. The participant will examine examples and sources of best practice in classroom technology instruction and integration. Several artifacts will be submitted with the participant’s unit of study. These artifacts will demonstrate productivity gains in student learning that utilize the technology for the software program. After implementing the unit of study in the classroom, a follow up report with a detailed reflection on the effectiveness of the unit in terms of productivity gains in student learning will also be submitted.

COURSE CREDIT: 3 Semester Hours

PREREQUISITES: Participants must have access to a PC or Macintosh computer and reliable Internet access. Participants must have competency in basic computer skills (creating and opening files, sending and receiving email messages and attachments, browsing and downloading files from the Internet, and installing software if necessary).

REQUIRED COURSE MATERIALS:

- Participants must have access to the particular software program relevant to the Classroom Technology Integration course.
- A one-year subscription with either Atomic Learning or Tech4Learning's Recipes4Success is required to access the software tutorials for the course.

COURSE OBJECTIVES:
(ET- Educational Technology Concepts; IL – Information Literacy Concepts)

1. The participant will demonstrate familiarity with the particular software program for the course and its support of best practices for classroom technology integration. (ET)

2. The participant will use the Technology Integration Framework to develop a fully integrated, content standards-based, long-term unit (3-9 weeks) of study that utilizes the particular software program for the course. (ET)

3. The participant will include an evaluation and feedback loop in the unit of study. (ET)

4. The participant will provide examples of productivity gains in student learning utilizing technology (AppleWorks) in the classroom. (ET)

5. The participant will determine what kind of, and how much, information is needed for a specific purpose. (IL)
6. The participant will use information-seeking strategies to access a variety of sources of information for a specific purpose. (IL)

7. The participant will analyze information to determine its usefulness for a specific purpose. (IL)

8. The participant will acquire, organize & synthesize information, giving credit where appropriate. (IL)

9. The participant, through the use of the Atomic Learning Tutorials, will develop skills in the particular software program for the course, which are necessary to support the content standard(s) in his/her integrated unit of study. These skills may include some or all of the Atomic Learning tutorial skills. (ET)

COURSE REQUIREMENTS:
Overview of Atomic Learning Materials (Assignment #1) ………………………50 points
Outline of Classroom Integration Unit (Assignment #2) ………………………..50 points
Atomic Learning tutorials (Assignment #3)……………………………………150 points
Classroom Integration Unit (Assignment #4)………………………………….. 500 points
Artifacts Demonstrating Productivity Gain in Student Learning (Assignment #5)...150 points
Reflection Paper on Classroom Implementation (Assignment #6)………………100 points
Total…………………………………………………………………………………………1000 points

GRADE DISTRIBUTION AND SCALE:
940 – 1000 points …………………………………A
840 – 939 points……………………………..B
740 – 839 points……………………………..C
640 – 739 points……………………………..D
630 points and below…………………F