

OUTCOMES BASED LEARNING MATRIX

Course: EDUC104 Classroom Technologies for Educators **Department:** LAS Elementary Education

Course Description: This course will offer students and practicing education professionals an opportunity to develop skills that will enable them to facilitate current federal, state, and local requirements and standards. Topics will include an assessment of traditional and contemporary media, learning technologies, and integration of computers into classrooms and curriculum. Learners will also develop skill in identifying equipment uses, setup, and maintenance.

Approved by Department: April 2008

Date: April 2008 reviewed April 2013

While completing the table below, remember that the individual outcomes you list in the first column should answer this question: **What must the learner know and be able to do at the end of the course?** Items in the third column should answer the question: **How do we know?** The second column is where teachers can be most creative; it's for pedagogy. Each rectangle in column one should contain just one outcome; the corresponding rectangles in columns two and three, however, may contain more than one item. Using the code at the end of the matrix, indicate the core competencies being strengthened by the outcomes activities and the assessment tools.

*COURSE OUTCOMES	OUTCOMES ACTIVITIES	ASSESSMENT TOOLS
Develop an understanding of traditional and contemporary media for classroom instruction (R,W,CT,TS,OC)	Readings, demonstrations, project based learning projects, and computer research.	Writings, participation in class discussion, materials collection, demonstrations
Demonstrate basic proficiency in the setup, maintenance, and use of instructional media equipment (R,W,CT,TS)	Participation in workshop activities to select, set up, troubleshoot and perform basic repairs of common instructional media equipment.	Demonstration of skills in troubleshooting. Replacement of user –serviceable components (light bulbs, fuses, etc.) Setup, use and breakdown of associated equipment.
Exhibit the ability to use computers to acquire and produce materials to support classroom instruction (R,W,OC,CT,TS)	Participation in computer laboratory activities in basic computer use and instruction in materials production.	Materials collection and demonstration, participation in online activities, writing and discussion board postings.
Distinguish the differences between instruction and learning (R,W,OC,CT)	Readings, critique of instructional practices, class discussions.	Written examination

Compare and discuss advantages and limitations of media applications (R,W,OC,CT,TS)	Readings, class discussions, comparison projects to determine advantages of differing media.	Written assignments, class discussion, oral presentations, and examinations.
Compare and discuss benefits and limitations of computer-assisted instruction and computer-assisted learning (R,W,CT,OC)	Readings, comparative research, class discussions, evaluation of products and programs.	Written assignments, online research, class discussion
To strengthen Core Competencies** in order to increase success in this and other courses and in the workplace.	Referenced above	Referenced above.

*Try to express an outcome as an infinitive phrase that concludes this sentence: **At the end of the course, the students should be able to . . .** Finding the line between too general and too specific can be difficult. In an English Composition course, for instance, it is probably too general to say, "The student should be able to write effective essays." It is probably too specific to say, "The student should be able to write an introductory paragraph of at least 50 words, containing an attention-getting device, an announcement of the narrowed topic, and an explicit thesis sentence." Just right might read, "The student will write introductions that gather attention and focus the essay."

**Indicate the Core Competencies that apply to the outcomes activities and assessment tools: Critical Thinking (CT); technology skills (TS); oral communications (OC); quantitative skills (QS); reading (R); writing (w).