

SYLLABUS for EDU 6542

Title: **Technology in Education**

Professor: **Mr. Robert B. Gatewood, M.Ed.**

Semester: **Summer 2014**

MISSISSIPPI COLLEGE
TEACHER EDUCATION & LEADERSHIP PROGRAMS



Teacher Education and Leadership
Box 4009
Clinton, Mississippi 39058
601-925-3226

COURSE TITLE: EDU 6542 Technology in Education

3 semester hours credit

PREREQUISITES: Graduate Standing. Computer literacy or permission of instructor.

COURSE DESCRIPTION: An introduction to the preparation, selection, application, evaluation and integration of media and technology in instructional settings, including audiovisual and microcomputer applications. Laboratory practice will include the production of computer-based instructional materials. Students will design multimedia presentations and a web site, which incorporates the Mississippi Technology Standards for Teachers. Computer literacy and/or computer experience is necessary for optimum success in this course.

RATIONALE: This course is a required part of the MAT degree for alternate route certified teachers and a core elective for the M.Ed. Degree. Mississippi College is committed to excellence and innovation in teaching and learning. This course seeks to incorporate the most recent technology into a variety of instructional practices by bringing technological dimensions to the delivery of school curriculum. As teacher preparation enters the 21st Century, the technology surrounding schools must become an integral part of teaching. This course is designed to provide teachers seeking an advanced degree with a breadth of technological competencies based on the National & Mississippi Standards for Teacher.

LEARNING OUTCOMES AND OBJECTIVES:

1. Demonstrate correct use of basic productivity tools for the production of traditional media for classroom use.
2. Demonstrate proficiency in utilizing word processing, database, graphics, spreadsheet, desktop publishing, multimedia production, telecommunications, the Internet and the integration of these tools in instruction.
3. Demonstrate appropriate methods for evaluating instructional media/technology for use in the instructional setting.

ACADEMIC INTEGRITY: It is expected that a student attending Mississippi College will be scrupulously honest. Therefore, plagiarism and cheating will be dealt with in accordance with the policies of the university. These policies are stated in the 2006-07 Graduate Bulletin.

COURSE TOPICS: The major topics for this course are:

1. Integration of media into the instructional setting.
2. Design and production of traditional media projects.
3. Integration of computer application programs into the instructional setting.
4. Designing the production of computer-based projects.
5. Systematic planning for the use of media/technology giving attention to the Mississippi Technology Standards for Teachers.
6. Development of a web page.
7. Evaluation of media/technology for instructional use.
8. Ethical, legal and human issues relating to the use of technology in schools and society; the impact of technology on schools and society.
9. Overview of current and future technologies of instruction to include telecommunications, distance learning, the Internet, interactive learning and assessment.

INSTRUCTIONAL METHODS: Methods and activities for instruction will include:

1. Demonstrations
2. Lecture/Discussion
3. Individual Projects
4. Laboratory Experiences
5. In -Class individual and cooperative learning activities
6. Software usage.

ASSIGNMENTS: Grades will be assigned to activities and assignments using the following relative values:

- | | |
|-------------------------|-----|
| 1. Forum Discussions | 15% |
| 2. Projects | 25% |
| 3. Research Paper | 35% |
| 4. Textbook Assignments | 25% |

NOTE: All projects are expected to reflect the **original** work of the student. Refer to statements regarding academic integrity.

Textbook: Integrating Educational Technology into Teaching 6th edition
ISBN: 9780132612258

Your assignments can be found in MC Moodle at moodle.mc.edu

EVALUATION: The methods of evaluation and criteria for grade assignment are as follows. All assignments will be evaluated using an evaluation guideline or rubric, which will be provided to the student at the beginning of assignment. Each assignment will be evaluated on a 100 point basis. The relative value of each assignment will be based on the percentages noted above under the section of the syllabus entitled "assignments and activities." 100 points is available for perfect attendance with an attendance grade being calculated as 5% of the final grade as noted above.

The grading scale for this course is as follows:

- | | | | | |
|--------------------|---------------------|-------------------|--------------------|-------------------|
| A - 96-100% | B+ - 91-95% | B - 85-90% | C+ - 80-84% | C - 75-79% |
| D - 70-74% | F - Below 70 | | | |

BIBLIOGRAPHY

There are also many periodicals and journals that are available to the students at the campus library. These include: *Educational Technology*, *Research and Development*, *Educational Technology*, *Journal of Technology and Teacher Education*, *T.H.E. Journal*, *Technology Connection*, and *TechTrends*. There are also journals available through EBSCOHOST including: *Journal of Instructional Psychology*, *Journal of Research on Computing in Education*, and *Contemporary Education*.

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