You are expected to have basic computer, word processing, e-mail, Internet, and graphics skills prior to entering ED 483. This course will not cover these skills but you will be expected to be able to complete assignments that utilize them. Help is available to you through Academic Computing and various other web sites.

Course Description:
Educational Media & Technology focuses upon the education/instructional uses of audiovisual media including computers and related technologies. Emphasis will be upon each type of hardware and software and its use as well as the subject matter areas that most easily integrate the technology.

Program Goals Addressed In This Course:
The purpose of this course is to teach preservice teachers to integrate technology for meaningful learning. Preservice teachers will learn to evaluate commercial products in terms of learning theories and goals. These products include audio, visual, and multimedia products as well as new products as they are made available. Teachers will learn to produce learning aids in several media forms. Ultimately, preservice teachers will research the various forms of educational technology, develop artifacts that define what they know and are able to do, and publish their works in an electronic portfolio based on INTASC standards.

Objectives of the Course:
Two of the primary objectives of the course are to meet the Michigan Entry Level Standards for Michigan Teachers and the National Educational Technology Standards for Teachers as outlined below.

Entry-Level Standards for Michigan Teachers:
In the state of Michigan, anyone completing a teacher certification program must meet the Entry-Level Standards for Michigan Teachers as developed by the State Board of Education. These standards include a systematic outline of what beginning teachers are expected to know and be able to do upon completion of a quality teacher preparation program. Each standard describes knowledge, skills, attitudes, and other qualities expected of all beginning teachers.

The seven entry-level standards are:
- An understanding and appreciation of the liberal arts, (humanities, the social sciences, the mathematical and natural sciences, and the arts);
- An understanding of and commitment to student learning and achievement;
- A knowledge of the assigned subject areas and how to teach those subjects;
- An ability to manage and monitor student learning;
An ability to systematically organize teaching practices and to learn from experience; 
· A commitment to participation in learning communities; and 
· An ability to use information technology to enhance learning and to enhance personal and professional productivity.

The standards are based on the Michigan State Board of Education's belief that the success of education depends on the performance of practicing teachers, and the quality of a teacher's performance depends heavily on their initial preparation for their career as a teacher. The standards also speak to the assumption that it is the teacher's responsibility for their continued professional development, and that teaching is a career that demands continuous change, growth, and learning. (http://www.preteacher.org/info.html)

NETS for Teachers (http://cnets.iste.org/teachers/t_stands.html)

The ISTE NETS for Teachers (NETS•T) define the fundamental concepts, knowledge, skills, and attitudes for applying technology in educational settings. All candidates seeking certification or endorsements in teacher preparation should meet these educational technology standards. It is the responsibility of faculty across the university and at cooperating schools to provide opportunities for teacher candidates to meet these standards.

The six NETS-T standards are:
· Technology operations and concepts.
· Planning and designing learning environments and experiences.
· Teaching, learning, and the curriculum.
· Assessment and evaluation.
· Productivity and professional practice.
· Social, ethical, legal, and human issues.