

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: EDU 230

Credits: 3

Course Title: Curriculum Development and Instructional Media

Course Description (including lecture hours, lab hours, and total contact hours)

Provides curriculum development for language arts, mathematics, science, social studies, and the arts and includes such topics as influential factors, historical trends, and standards of learning. Incorporates the use of various instructional media and appropriate mergers of the technology with the curriculum. Lecture 3 hours per week.

General Course Purpose

Students will learn how to develop curriculum in their field of study and explore ways to incorporate instructional media.

Course Prerequisites/Corequisites

Students must satisfy general college curricular admission requirements. It is recommended that students successfully complete ENG 112 and CSC 155 or their equivalent prior to entering EDU 230 in order to have writing and computer skills needed to be successful in the course.

Course Objectives

Upon completing the course, the student will be able to:

1. Explain the definition of curriculum and discuss the factors that influence curriculum.
2. Outline the historical trends in curriculum development.
3. Explain the differences in classroom environments between the use of a traditional curriculum and a constructivist curriculum.
4. Demonstrate an understanding of the present curriculum (issues and trends) in language arts, mathematics, science, social studies and the arts.
5. Develop a learning unit that incorporates television, videos, and/or filmstrips.
6. Develop a lesson plan that incorporates the use of computers, World Wide Web, databases or spreadsheets, calculators, or learning software.
7. Develop a lesson that involves multimedia.
8. Explain why technology gives K-12 students with special needs a level playing field.

Major Topics to be Included

1. Definition of curriculum
2. Effect of textbooks and published materials on curriculum development
3. Effect of standards of learning on curriculum development
4. Historical trends in curriculum development
5. A traditional curriculum and its effect on the classroom environment
6. A constructivist curriculum and its effect on the classroom environment
7. Issues and trends in the present-day curriculum in language arts
8. Issues and trends in the present-day curriculum in mathematics
9. Issues and trends in the present-day curriculum in science

10. Issues and trends in the present-day curriculum in social studies
11. Issues and trends in the present-day curriculum in the arts
12. Instructional media for instruction in language arts
13. Instructional media for instruction in mathematic
14. Instructional media for instruction in science
15. Instructional media for instruction in social studies
16. Instructional media for instruction in the arts
17. Development of learning units and lessons using television, videos, filmstrips, computers, calculators, the internet, and databases or spreadsheets
18. Instructional media for teaching students with special needs

Effective Date of Course Content Summary (Month, Date Year): February 11, 2009