

**MURRAY STATE UNIVERSITY**  
**Course Syllabus Outline**  
**SED 642**

I. TITLE:

Advanced Curriculum for Children and Youth with Disabilities

II. CATALOG DESCRIPTION:

Advanced study of methods, techniques, curriculum, research, and the application of technology for meeting the needs of children and youth with disabilities.

III. PURPOSE:

The course is designed to provide a study of the use of technology.

IV. COURSE OBJECTIVES:

The student will be able to:

- A. Demonstrate the use of spreadsheets (Micro-Soft Excel). (1,6,10)
- B. Demonstrate the use of data base software (Micro-Soft Access). (1, 6, 10)
- C. Demonstrate use of word processing (Micro-Soft Word). (1,3,5,10)
- D. Demonstrate ability to develop a simple presentation software package (Power Point). (1,3,5,10)
- E. Describe adaptations (assistive/alternative options) associated with microcomputers to facilitate accessibility by students with disabilities. (1, 3, 4, 8, 10)
- F. Demonstrate ability to access a variety of web-sites.

V. CONTENT OUTLINE:

- 1. Word Processing in Special Education
- 2. Databases in Special Education
- 3. Spreadsheet in Special Education
- 4. Power Point in Special Education
- 5. Assistive Technology

VI. INSTRUCTIONAL ACTIVITIES:

A portfolio entry addressing Kentucky Certification Standards I and V is required. The class format will be lecture/discussion, hands-on activities, demonstration, and application projects.

VII. FIELD AND CLINICAL EXPERIENCES: None

VIII. RESOURCES:

ATCOM and KATE Labs

IX. GRADING PROCEDURES:

Workbook Hands-On/Oral Exam	100 pts.
Research Paper	100 pts.
Grade Book	50 pts
Presentation	100 pts.
Web Sites	100 pts.
Adaptive/Assistive Technology Summaries	50 pts.

The following departmental grading scale will be used to compute the final grade.

A = 90 - 100%

B = 80 - 89%

C = 70 - 79%

D = 60 - 69%

E = below 59%

X. ATTENDANCE POLICY:

This course adheres to the policy published in the MSU Graduate Bulletin.

XI. TEXT AND REFERENCES:

Weverka, Peter.( 1997). *Dummies 101: Microsoft Office 97 - for Windows*. IDG Books Worldwide, Inc.

XII. ACADEMIC HONESTY: Cheating, plagiarism (submitting another person's materials as one's own), or doing work for another person who will receive academic credit are all impermissible. This includes the use of unauthorized books, notebooks, or other sources in order to secure or give help during an examination, the unauthorized copying of examinations, assignments, reports, or term papers, or the presentation of unacknowledged materials as if it were the student's own work. Disciplinary action may be taken beyond the academic discipline administered by the faculty

member who teaches the course in which the cheating took place.

### XIII. COURSE REQUIREMENTS

Completion of the workbook - Parts I, II, III

Develop one product for each of the following programs (demonstrating as many features of the programs as possible). Two assignments must be turned in electronically.

1. Microsoft Word - Write a paper (minimum five pages - double space) on current special education issue.
2. Microsoft Excel - Make a grade book - with grades computed.
3. Powerpoint - Make a short power point (20 minute) presentation over a topic you would cover with your students.
4. Access and explore 30 special education web sites. Turn in a list of the sites accessed and a short summary.

Summarize five journal articles dealing with adaptive/assistive technology. APA reference, summary, and reflection.