COURSE SYLLABUS
Adolescent, Career, and Special Education
BED 695 – Special Problems – Innovative Technology for the Middle School Classroom
Credit Hours: 3
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I. **Course Title:** BED 695 – Special Problems – Innovative Technology for the Middle School Classroom

II. **Catalog Description:** This course deals with pressing problems in business and marketing education as a result of legislation, technological changes, and innovation. Problems growing out of the needs and interests of the class are emphasized.

III. **Purpose:** The purpose of this course is to aid middle school teachers in creating data bases/spreadsheets, accessing electronic mail and the internet, making presentations, and using other emerging technologies to enhance professional productivity and support instruction. Technology components will enhance students’ ability to communicate through technological means and help the students to demonstrate their use of computers and other kinds of technology to collect, organize, and communication information and ideas.

IV. **Course Objectives:**
Class activities will be centered on the attainment of the course objectives listed below. These objectives are understood to be reflective of, but not limited to those behaviors advocated by the Kentucky Education Reform Act (KERA). Following each objective, enclosed in brackets, are numbers that refer to Kentucky’s New Teacher Standards for Preparation and Certification (NTS) addressed by that objective. Upon successful completion of this class, students will be able to:

A. Design effective instructional activities that incorporate appropriate technology to address diverse student needs and different learning styles. [NTS I, VIII, IX]

B. Create a learning environment that maximizes the effectiveness of the use of technology in instruction. [NTS II, IX]

C. Identify appropriate software applications and technology for instructional use. [NTS VIII, IX]

D. Describe how technology can be integrated into a variety of instructional contexts effectively and appropriately. [NTS VIII, IX]

E. Use industry-standard hardware and software components of a multimedia publishing systems such as digital cameras, scanners, and video cameras. [NTS VIII, IX]

F. Develop multimedia presentations (slide show, video, audio, etc.). [NTS I, IX]

G. Design a web page using a software package. [NTS I, IX]
H. Use a software package to create a multimedia web page with dynamic content such as the incorporation of sound files, digital photography, video files, and images into a web page. [NTS IX]
I. Discriminate between ethical and unethical uses of computers and information. [NTS IX]
J. Demonstrate a basic understanding of issues regarding software copyright, software licensing, and software copying. [NTS IX]
K. Demonstrate a basic understanding of the impact of technology on society. [NTS IX]
L. Demonstrate a basic understanding of the burning of CD’s for instructional use. [NTS IX]

V. **Content Outline:**
   - Utilize digital cameras
   - Createsound files
   - Scan images
   - Utilize Inspiration
   - Create internet site linkages
   - Burn CD’s
   - Create computerized lesson plans
   - Utilize Jeopardy and Who Wants to Be a Millionaire PowerPoint templates
   - Utilize Web editing software

VI. **Instructional Activities:**
   A. Students will complete daily assignments and participate in large and small group discussions and activities. Participation includes active listening, contributing to group discussions, and working on in-class activities.
   B. Student-initiated activities include preparation for and participation in class lectures, discussions, and cooperative activities related to course goals and objectives, including:
      1. Reading assigned materials and identifying pertinent questions and concerns.
      2. Completing chapter activities.
      3. Participating in large and small group discussions, and presentations.
      4. Performing successfully on project presentation.
      5. Conducting internet searches.
      6. Attending in-class and extra-class events and activities on a punctual and regular basis.
      7. Assessing various software packages
      8. Completing web-site project

VII. **Field, Clinical, and/or Laboratory Experiences:** None

VIII. **Resources:**
   A. Waterfield Library at Murray State University
   B. RACERtrak, ERIC, and the Internet
   C. Self-selected books, articles, and activities
D. MSU Computer Centers  
E. Public library  

IX. Grading Procedures:  
A. Course Assignments  

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web-Site Project</td>
<td>200</td>
</tr>
<tr>
<td>Comprehensive Project Presentation</td>
<td>500</td>
</tr>
<tr>
<td>CD Burning</td>
<td>100</td>
</tr>
<tr>
<td>Computerized Lesson Plan</td>
<td>100</td>
</tr>
<tr>
<td>Interactive Template</td>
<td>100</td>
</tr>
<tr>
<td>Total</td>
<td>1000</td>
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</tbody>
</table>

B. Grading Scale  

<table>
<thead>
<tr>
<th>Points Earned</th>
<th>Percentage</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000-930</td>
<td>93-100%</td>
<td>A</td>
</tr>
<tr>
<td>931-860</td>
<td>86-92%</td>
<td>B</td>
</tr>
<tr>
<td>859-800</td>
<td>80-85%</td>
<td>C</td>
</tr>
<tr>
<td>799-750</td>
<td>75-79%</td>
<td>D</td>
</tr>
<tr>
<td>740 and below</td>
<td>74-below%</td>
<td>E</td>
</tr>
</tbody>
</table>

Web-Site Project – Each student shall create his/her own program’s website that is directly linked to his/her school site. Some type of Web editing software will be utilized. The website will reflect the Practical Living/Vocational Studies Assessment for grade 8 – specifically the consumerism Subdomain. This website will allow all Kentucky school systems as well as surrounding states the opportunity to view exiting programs and activities.

CD Burning – Each student will be expected to burn files to a CD ROM device. Once the website has been constructed, it will be burned to a CD ROM so that it can be utilized off line without internet access.

Computerized Lesson Plan – Each student will create a lesson plan that includes Tracks created from the Trackstar site. [www.hprtec.org](http://www.hprtec.org)

Interactive Template Utilizing Jeopardy or Who Wants to Be a Millionaire – Each student will develop a study/review session for one class utilizing the Jeopardy or Who Wants to Be a Millionaire PowerPoint template.

Comprehensive Project Presentation – Each student will present a 30-minute PowerPoint presentation utilizing the following components:

1. Self-produced digital images  
2. Internet acquired digital images  
3. Self-created Sound files  
4. Internet Site Linkage
5. Kidspiration or Inspiration utilization
6. Scanned images

*These projects will be video taped and submitted as part of the final product for the Middle School Mini-Grant.

**Each student will invite his/her school superintendent and principal to attend the final presentations. Other invited guest will be present.

X. **Attendance Policy:**
This course adheres to the policy published in the MSU Graduate Bulletin. Students are expected to attend all class meetings. Students missing class for any reason should notify the professor in advance, preferably by e-mail. Students assume responsibility for informing the professor of a tardy arrival.

XI. **Academic Honesty Policy:** *(adopted by Board of Regents, February 14, 1975)*
Cheating, plagiarism (submitting another person’s material as one’s own), or doing work for another person which 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, term papers or the presentation of unacknowledged material 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. By completing their own work, students can prepare themselves to accomplish their professional teaching goals and to contribute significantly to the success of KERA.

*Note:* Faculty reserve the right to invalidate any examination or other evaluative measures if substantial evidence exists that the integrity of the examination has been compromised.

XII. **Text and References:**
http://www.teachbused.com/ - Teaching Business Education
http://techlearning.com/ - Tech Learning
Other sites as made available.

XIII. **Prerequisite:** Murray State University Graduate Student

*Note: Dr. Richerson reserves the right to make any changes in course activities deemed necessary during the semester.*