**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ AUBURN UNIVERSITY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Syllabus**

**1**. **Course Number:** CTCT 7780/7786

 **Course Title:** Research in Career and Technical Education

 **Credit Hours:** 3 semester hours (Lecture 3)

 **Prerequisites:** Departmental approval

 **Corequisite:** None

**2.** **Date Syllabus Prepared:** August 2010

3. **Texts:**

Leedy, P.D., & Ormrod, J.E. (2005). *Practical research: Planning and Design*

 (8th ed.). New Jersey: Prentice Hall

*The Publication Manual of the American Psychological Association (6th ed.)*

*Auburn University Electronic Thesis and Dissertation Guide* <http://www.grad.auburn.edu/etd/etd_guide.pdf>

**4. Course Description:**

 Review, analysis, and application of research procedures and data analysis in career and technical education.

**5.** **Course Objectives:**

 Upon completion of this course, students will be able to:

1. Critique research in areas of specialization.

 2. Use the tools and procedures of research to aid in decision making.

1. Develop research problems and research questions.

4. Develop a review of literature for a research proposal.

 5. Plan a research design for a research project.

 6. Interpret the research data.

 7. Write a research proposal.

 8. Collect research data using appropriate methods and procedures.

1. Synthesize instruction on research methods and procedures.
2. Use, produce, and disseminate research as part of one's professional obligation.
3. Develop a research article for publication

**6**. **Course Content and Schedule:**

* See Course Schedule Document

The above course outline is a very general idea of how the content will be covered. The amount of time we spend on each topic will depend on the needs of the class.

7. **Course Requirements/Evaluation**:

 The final grade for the course will be based on the following:

 Weekly questions and discussion board participation- 95pts.

 Problem sentence for proposal- 5pts.

 Presentation of one aspect of reliability or validity (10 minute) as it relates to

research supported with narrated Power Point- 50 pts.

Mid Term Examination- 100pts.

Critique of Research Article- 100pts.

Research proposal or creative component proposal- 200pts.

Presentation of your proposal (10 minute) with narrated Power Point- 50 pts.

Final Exam- 100pts.

 Total- 700 Points

 Points will be deducted for late assignments. Assignments more than 3 days late will not be accepted.

 The instructor reserves the right to make adjustments to this syllabus as needed.

The following grading scale will be used:

 90 - 100% = A

 80 - 89.9% = B

 70 - 79.9% = C

 60 - 69.9% = D

 Below 60% = F

**NOTE TO DISTANCE LEARNING STUDENTS:**

Distance Learning students will be responsible for locating a qualified proctor and completing all proctor forms prior to and after closed resource exams. The following descriptions of a proctor are provided by the University:

“Students in distance education courses shall take all closed resource examinations under the supervision of an approved proctor. Examples of approved proctors include a School Superintendent, a Principal of a high school, or a Dean or Department Head of a College. Proctors shall be verified. The proctor will manage the examination in a secure manner, requiring students to present a picture ID.”

The **pre-test Proctor Form** must be received least **three** **days prior** to **EACH** exam in order to verify the proctor. The **post-test proctor form** must be received **immediately** after completion of the exam. **Proctor Forms can be found on WebCT Vista**.

1. **Class Policy Statements:**

Participation: Students are expected to participate in all class discussions and participate in all exercises. It is the student’s responsibility to contact the instructor if assignment deadlines are not met. Students are responsible for initiating arrangements for missed work.

Attendance/Absences: For on campus students, attendance is required at each class meeting. Distance learning students must log on and participate in WebCT weekly. If an exam is missed, a make-up exam will be given only for University-approved excuses as outlined in the Tiger Cub. Arrangement to take the make-up exam must be made in advance. Students who miss an exam because of illness need a doctor’s statement for verification of sickness and should clear the absence with the instructor the day they return to class. Other unavoidable absences from campus must be documented and cleared with the instructor **in advance**.

Unannounced quizzes: There will be no unannounced quizzes.

Accommodations: Students who need accommodations are asked to arrange a meeting during office hours the first week of classes, or as soon as possible if accommodations are needed immediately. If you have a conflict with my office hours, an alternative time can be arranged. To set up this meeting, please contact me by e-mail. Bring a copy of your Accommodation Memo and an Instructor Verification Form to the meeting. If you do not have an Accommodation Memo but need accommodations, make an appointment with the Program for Students with Disabilities at 1244 Haley Center, 844-2096 (V/TT).

Honesty Code: The University Academic Honesty Code and the Tiger Cub Rules and Regulations pertaining to Cheating will apply to this class.

Professionalism: As faculty, staff, and students interact in professional settings, they are expected to demonstrate professional behaviors as defined in the College’s conceptual framework. These professional commitments or dispositions are listed below:

* Engage in responsible and ethical professional practices
* Contribute to collaborative learning communities
* Demonstrate a commitment to diversity
* Model and nurture intellectual vitality

Distance Learning Students: Unless specific instructions have been given for a designated course, students in distance education courses shall take all closed resource examinations under the supervision of an approved proctor. Examples of approved proctors include a school superintendent, a principal of a high school, or a dean or department head of a college. Proctors shall be verified and exams shall be sent directly to the proctor who will manage the examination in a secure manner, requiring students to present a picture ID.

**9. Justification for Graduate Credit:**

 CTCT 7780/7786 (Research in Career and Technical Education) orients students to basic research procedures for research projects. Students will analyze research problems, synthesize research studies, and develop a proposal for a research study in their field of expertise in career and technical and adult education.