COURSE NUMBER AND TITLE: BE 702 XA Methods of Teaching Computer Studies, 2 credit hours

CLASS MEETING TIME: via the Internet

PREREQUISITES: Graduate standing

INSTRUCTOR: Dr. Nancy Groneman Hite

OFFICE: Cremer Hall 310

OFFICE HOURS: Online Office Hrs. 10-12 Tuesdays and Thursdays and 2-3 on Thursdays - Central Daylight Savings Time

TELEPHONE NUMBER(S): 316-341-5415
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REQUIRED TEXTS:
None. Online lectures will be given and various sets of standard and curriculums will be accessed from Internet web sites.

SUPPLEMENTAL MATERIALS:
Access to the Internet and email service will be needed.

COURSE DESCRIPTION:
This course is designed to help prepare individuals to teach computer software, programming classes and related classes and to integrate computer applications in a variety of business classes. The course will assist students in choosing appropriate teaching methodologies and instructional materials, reviewing various sets of information technology curriculum standards and competency profiles, integrating computer technologies across the curriculum, basing content on business needs, and assessing students at various cognitive levels.
COURSE OBJECTIVES:
Students will learn to:

- Examine a variety of pedagogical approaches to teach computer applications and programming courses as well as to support the integration of technology into the business curriculum
- Explore a range of instructional technologies and classroom environments
- Design appropriate assessment materials for learning experiences that consider content and technology competencies.
- Compare one’s own competencies to ISTE standards and Carl Perkins 4 Act guidelines for Information Technology Curricula
- Identify strategies to integrate technology into non-computer courses
- Explore a variety of evaluation and assessment strategies for computer classes

COURSE EVALUATION PROCESS:
Students’ grades will be based on the points received on the assignments. Each assignment will be worth a given number of points. Assignments will be evaluated on their completeness, accuracy, and quality. All work is expected to be completed at a graduate level in terms of quality. Assignments turned in after the due date will receive no more than 50% of points possible for it. Assignments more than one week late will not be accepted except in rare instances.

Grading:
A = 92-100% of total points possible
B = 84-91%
C = 76-83%
D = 66-75%

ATTENDANCE POLICY:
The option of an instructor to initiate student withdrawal for student absences (FSB 76006) applies to this course.
ACADEMIC DISHONESTY:
Any student caught cheating on an assignment or copying an assignment from another student or a book will receive a failing grade for the class.

COURSE TOPICS:
Teaching pedagogies for computer classes
Instructional technology as a teaching tool
ISTE Standards for technology teachers
Integrating computer-related instruction in personal finance, marketing, accounting and other business courses
Assessment and evaluation—authentic assessment, Bloom’s Taxonomy, and rubrics
Carl Perkins IV Act
Career clusters and pathways in Information Technology