

Date Adopted: August 2000

Date Reviewed: Feb 2015

Date Revised: Feb 2015

## **CIS 294D Special Topics**

### **I. CIS 294D - Special Topics Directory Services Design – 3 Semester Hours**

#### **II. Course Description**

This course allows study of currently relevant computer science topics, with the course being able to be repeated for credit for each different topic covered. Course content will be determined by the instructor and will vary according to the topic being covered. Upon completion, the student will be able to demonstrate knowledge of the course topic through the completion of assignments and appropriate test.

#### **III. Prerequisite**

#### **IV. Textbook**

Textbook: Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure (70-297)

Publisher: JOHN WILEY & SONS

Author: Corbin, Charles B.

#### **V. Course Objectives**

1. The student will develop a working knowledge of Active Directory components, structure, and concepts.
2. The student will be able to develop forest and domain plans.
3. The student will be able to develop an organizational unit plan.
4. The student will be able to develop a site topology plan.

#### **VI. Course Outline of Topics**

1. The student will develop a working knowledge of Active Directory components, structures, and Concepts.
  - a. The student will be able to list and describe Active Directory objects and components.
  - b. The student will be able and describe Active Directory's physical and logical structures.
  - c. The student will be able to define and describe Active Directory replication, trust relationships, group policies, and DNS namespaces.
2. The student will be able to develop forest and domain plans.
  - a. The student will be able to analyze the business and technical needs of an organization and design appropriate forest and domain models.
  - b. The student will be able to define a forest root domain.
  - c. The student will be able to define a domain hierarchy and plan DNS server deployment.
3. The student will be able to develop an organizational unit plan.
  - a. The student will be able to plan user accounts.
  - b. The student will be able to plan group accounts.
  - c. The student will be able to plan organizational units.

4. The student will be able to develop a site topology plan.
  - a. The student will be able to define sites along with an appropriate replication strategy.
  - b. The student will be able to plan an appropriate placement of Global Catalog servers. VII.

### **Evaluation and Assessment**

Evaluation and assessment will be determined by the instructor and specified on the instructor's class syllabus. Grades will be based upon following scale: A = 90 – 100%, B = 80 – 89%, C = 70 – 79%, D = 60 – 69%, and F = below 60%.

### **VIII. Attendance**

Students are expected to attend all classes for which they are registered. Students who are unable to attend class regularly, regardless of the reason or circumstance, should withdraw from that class before poor attendance interferes with the student's ability to achieve the objectives required in the course. Withdrawal from class can affect eligibility for federal financial aid.

### **IX. Statement on Discrimination/Harassment**

The College and the Alabama State Board of Education are committed to providing both employment and educational environments free of harassment or discrimination related to an individual's race, color, gender, religion, national origin, age, or disability. Such harassment is a violation of State Board of Education policy. Any practice or behavior that constitutes harassment or discrimination will not be tolerated.

### **X. Americans with Disabilities**

The Rehabilitation Act of 1973 (Section 504) and the Americans with Disabilities Act of 1990 state that qualified students with disabilities who meet the essential functions and academic requirements are entitled to reasonable accommodations. It is the student's responsibility to provide appropriate disability documentation to the College. The ADA Accommodations Office is in FSC 305 (205-856-7731).