

SPRING 2015

Computer Science Special Topics

CS 491-2 / CS 591-2

Monday, Wednesday & Friday

3:00 – 3:50 p.m.

Faner 1224

Instructor - Dr. Dunren Che

Principles of Virtualization & Cloud Computing

Cloud Computing represents a recent major strategic shift in computing and Information Technology. This course explores fundamental principles, foundational technologies, architecture, design, and business values of Cloud Computing. Understanding will be reinforced through multiple angles including: analysis of real world case studies, hands-on projects and in-depth study of research developments.

Prerequisite: CS 330 (grade of “C” or better) or graduate standing.

Textbook: Stallings, William. *Cryptography & Network Security*, 6th edition, Prentice-Hall, 2012 ISBN: 9780133354690.