

**ISC 590/ITE 490 Special Topics: Cloud Computing
Spring 2025**

ISC 590/ITE 490 Special Topics: Cloud Computing. This course introduces the student to Cloud Computing systems. Cloud computing systems, regardless of platform types, are built using a common set of core techniques, algorithms, and design philosophies—all centered around distributed systems. Learn about such fundamental distributed computing "concepts" for cloud computing. Some of these concepts include: data center hardware, virtualization, and cloud architectures. Learn how these techniques work inside the most widely-used cloud computing systems. Gain practical experience building an Openstack IaaS Cloud on enterprise hardware.

Prerequisites:

ITE 490: ISC/ITE Systems Architecture or working knowledge of Linux *and* CIS 321 or CSC 311 Data Communications and Networking

ISC 590: Linux experience and a previous Data Communications course or Instructor Approval

Jag ID: J00 _____

Last Name: _____ First Name: _____

Email address: _____

I wish to enroll in ISC 590 or ITE 490 **(must check one – 590 Grad, 490 Undergrad)**

I satisfy the requirements for enrolling in ISC 590 / ITE 490 Special Topics: Cloud Computing.

Student Signature: _____

Remarks: _____

Instructor Approval: _____

Once your course approval has been processed, Ms. Anastasia Sublett in the School of Computing will provide you with a course override and will notify you when you can register. Please click the Submit for Approval button below to automatically email your form to Ms. Sublett at anastasiasublett@southalabama.edu.

*Submit to: Academic Records Specialist, School of Computing, SHEC 2305
anastasiasublett@southalabama.edu*