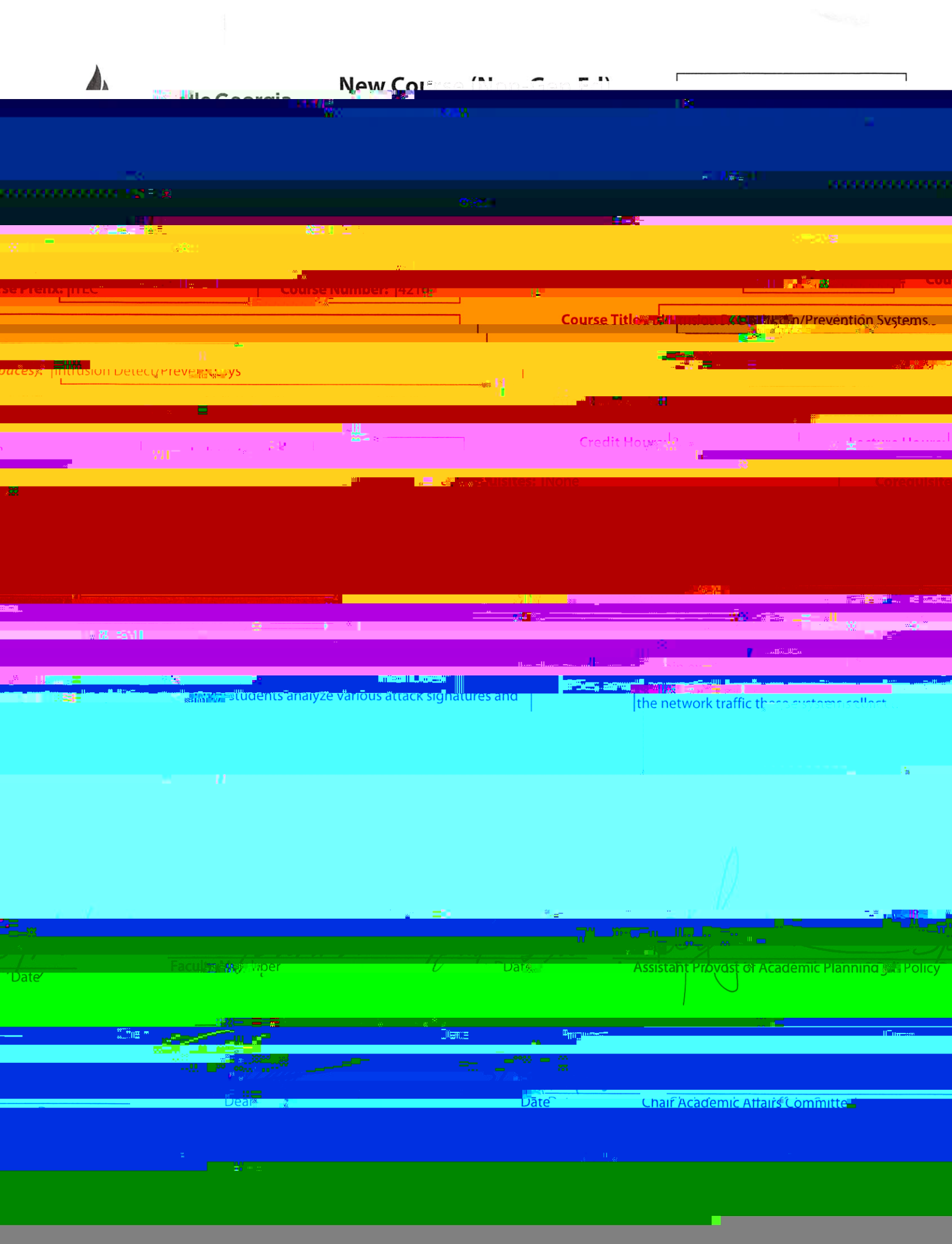

Course Student Learning Outcomes: Upon completion of this course, the student will be able to:

- Construct and administer an IDS solution on a network
- Assess and interpret normal and unusual network traffic
- Demonstrate appropriate and ethical behavior.

If other, describe placement in curriculum:

Rationale:

Are any special course fees associated with this course? ○ Yes ● No

If yes, explain the need for fees:

[redacted]

Hours: 3

Prerequisites: none

Course Description: Intrusion Detection/Prevention Systems Fundamentals Intrusion Detection/Prevention Systems are critical components of well-designed network architectures. These systems act as a line of defense, helping protect company assets from attacks.

[redacted]

In this course, students gain experiential learning in a thorough grounding in the design, implementation, and administration of IDSes/IPSes, as well as practical, hands-on experience working with these systems. In addition, students analyze various attack signatures and the network traffic these systems collect.

Textbook and Resources:

Managing Security with Snort & IDS Tools
AUTHOR: Cox & Gerg (2004)

[redacted]