Instructor and contact information:
R. R. Brooks
313-C Riggs Hall
Tel: (864) 656-0920
Fax: (864) 656-1347
e-mail: rrb@acm.org
Lu Yu
Riggs 310
E-mail: lyu@g.clemson.edu

Office hours Brooks:
Tuesday 4:00 PM – 5:00 PM
Google hangout location TBD
Or by appointment

Office hours Yu:
TBD

Class meeting times and location:
Monday/Wednesday 5:15 PM – 6:30 PM Riggs
Rooms Watt Center 316 and Zucker Center TBD

Attendance policy:
Attendance at course meetings is mandatory, since
the seminar format includes in-class discussion. For
the discussion, students are expected to have
completed the reading assignments in advance. On
days when presentations or demonstrations are due,
students must be present and properly prepared.
Students are expected to wait for 10 minutes, should
the professor be late.

Disability access policy:
“It is University policy to provide, on a flexible and
individualized basis, reasonable accommodations to
students who have disabilities. Students are
encouraged to contact Student Disability Services to
discuss their individual needs for accommodation.”

Academic integrity:
This course follows Clemson University
procedures. Students suspected of violating
academic integrity will be reported. In particular,
any form of plagiarism will result in no credit for the
assignment and being reported for further
disciplinary action.

“As members of the Clemson University
community, we have inherited Thomas Green
Clemson’s “As members of the Clemson University
community, we have inherited Thomas Green
Clemson’s vision of this institution as a ‘high
seminary of learning.’ Fundamental to this vision is
a mutual commitment to truthfulness, honor, and
responsibility, without which we cannot earn the
trust and respect of others. Furthermore, we
recognize that academic dishonesty detracts from the
value of a Clemson degree. Therefore, we shall not
tolerate lying, cheating, or stealing in any form. In
instances where academic standards may have been
compromised, Clemson University has a
responsibility to respond appropriately and
expeditiously to charges of violations of academic
integrity.”

“When, in the opinion of a faculty member, there
is evidence that a student has committed an act of
academic dishonesty, the faculty member shall make
a formal written charge of academic dishonesty,
including a description of the misconduct, to the
Associate Dean for Curriculum in the Office of
Undergraduate Studies. At the same time, the
faculty member may, but is not required to, inform
each involved student privately of the nature of the
alleged charge.”

Please refer to the graduate academic integrity
policy, approved March 26, 2007 by the Provost’s
Advisory Council, at
http://gradspace.editme.com/AcademicGrievancePol
icyandProcedures#integritypolicy
Each graduate student should read this policy
annually to be apprised of this critical information.

Title IX:
Clemson University is committed to a policy of
equal opportunity for all persons and does not
discriminate on the basis of race, color, religion, sex,
sexual orientation, gender, pregnancy, national
origin, age, disability, veteran’s status, genetic
information or protected activity (e.g., opposition to
prohibited discrimination or participation in any
complaint process, etc.) in employment, educational
programs and activities, admissions and financial
aid. This includes a prohibition against sexual
harassment and sexual violence as mandated by
Title IX of the Education Amendments of 1972. This
policy is located at:
http://www.clemson.edu/campus-life/campus-
services/access/title-ix/. Mr. Jerry Knighton is the
Clemson University Title IX Coordinator. He also is
the Director of Access and Equity. His office is
located at 111 Holtzendorff Hall, 864.656.3181
(voice) or 864.565.0899 (TDD).
Objectives and outcomes:
Denial of Service (DoS) attacks are an important weakness of the current Internet. This course is meant to give the students understanding of how these attacks occur. How they can be detected and mitigated.

Students will be taught about normal Internet traffic time series and how difficult it is to create, model, and analyze existing traffic. Students will use software defined networking primitives to set up experiments.

Network attacks will be executed and mitigated.

Resources:
The professor will provide materials. External research and reading is expected. References will be provided with the course.

Assignments:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Due</th>
<th>Percent grade</th>
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<tbody>
<tr>
<td>Lab report 1</td>
<td>2/5/2018</td>
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<tr>
<td>Lab report 2</td>
<td>2/12/2018</td>
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<td>Midterm</td>
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Grading:
A – 90 or above
B – 80 to 89
C – 70 to 79
D – 60 to 69
F – Below 60

Schedule:
<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture topic</th>
<th>Reference</th>
<th>Assignment</th>
<th>Due</th>
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<tr>
<td>1/10/2018</td>
<td>Overview and syllabus</td>
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<td>1/15/2018</td>
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<td>Last day to drop Chapters 2 and 3</td>
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<td>Chapter 6</td>
<td>Lab report 2</td>
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