1 Administrative Information

• Instructor: Chien-Chung Shen

• Meeting Time and Room: MWF 10:10am–11am @ Gore Hall (GOR) 310

• Contact Information:
  – Office: 450 Smith Hall
  – Email: cshen@udel.edu
  – Phone: (302) 831-1951

• Office Hours: Monday 1:45pm–3:45pm and by appointment

• Course Website: http://www.cis.udel.edu/~cshen/859

2 Course Description

The objective of the course is to review recent advances in the areas of Software-Defined Networking (SDN), Network Function Virtualization (NFV), virtual networks, network virtualization, Data Center Networks (DCN), virtualization of DCN, and their relationships.

CISC 859 is an advanced graduate level course taught in seminar-discussion fashion. The course will require reading (especially research papers), homework assignments, programming assignments, research project, in-class presentations, and discussions. Students are responsible for being proactive in their learning, and becoming knowledgeable on topics in the areas of wireless networks and mobile computing.

3 Student Background

The prerequisite for this course is CISC 650, Computer Networks. I expect that you are here to learn and discuss, and are willing to work hard on it.

4 Work Requirement

During the semester, students are responsible for completing the assigned readings, assignments, research project, and in-class presentations.

5 Grading

Final scores will be determined using the following formula:

• 25% Homework and programming assignments

• 20% Course project

• 35% In-class presentations

• 20% Coursera course of [Cloud Networking](February 13 – March 27)
Final grades indicate absolute performance, and hence will be determined according to the following table.

<table>
<thead>
<tr>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>C-</th>
</tr>
</thead>
<tbody>
<tr>
<td>90%</td>
<td>87%</td>
<td>84%</td>
<td>80%</td>
<td>77%</td>
<td>74%</td>
<td>70%</td>
<td>below</td>
</tr>
</tbody>
</table>

6  Recommended Texts

There is no required textbook. We will be reading papers.

7  Academic Honesty

I don’t mind if you help each other with understanding the material; in fact, I encourage it. However, all work turned in on programming assignments must be your own (group) work. If any portions of the work are found to be shared between two (or more) students or groups, there will be 0 (zero) credit given to all students concerned and all students will be disciplined. We will act harshly at any sign of plagiarism or other academic misconduct. This policy is in the interest of those students who do their own work, which hopefully applies to all of you in this class. I encourage you to familiarize yourself with the University’s Policy of Academic Dishonesty found in The Official Student Handbook.

8  Laptops and Cellphones

I love my job teaching at UD, and promise to work extremely hard to make this class exciting and challenging. In return, I expect your full attention in class. I believe cell phone texting, using a laptop for doing other class assignments, reading email, playing video games, visiting Facebook, Twitter, etc., while someone is working to educate you is as rude as it gets, and I will be personally offended. At the beginning of class, turn off your cellphones, and close your Gmail/Facebook/Twitter/etc. pages. If you believe this policy is too severe, I understand, and ask you to please take a different class.