

CSCE 719: Security and Privacy for Wireless Networks (Spring 2010)

Syllabus

- **Course Specifics.**

- Place and Time: TTH 3:30PM- 4:45PM, [SWGN](#) 2A21
- Instructor: Dr. Wenyuan Xu
- Instructor Office Hours: TTH 2:00pm-3:00pm or by appointment (SWGN 3A54)
- Course website: <http://www.cse.sc.edu/~wyxu/719Spring10/csce719.html>

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- **Course Description:**

This course will focus on the security and privacy issues associated with wireless networks. Various attacks against wireless networks and their defense strategies will be analyzed. Upon the completion of this course, students are expected to be able to embark in competitive research in the areas of wireless network security.

- **Prerequisites:**

CSCE416: Introduction to Computer Networks (A rudimentary understanding of computer networks and security would be helpful.)

- **Textbooks:**

- No book is required. The lecture materials will be derived from a number of background papers.
- Recommended book: *Network Security: Private Communication in a Public World (2nd Edition)*, by Charlie Kaufman, Radia Perlman, and Mike Speciner, Prentice Hall, ISBN-10: 0130460192.

- **Format:**

The format of the course will be a combination of formal lectures, paper reading and student presentation. The instructor will first give overview lectures on the background, and then students will present papers in the field.

- **Attendance Policy:**

Mandatory to attend at least 85% of the classes

- **Grading & expected work:**

In class discussion (Evaluated by your participation in discussions)	15%
Submit the summaries of the assigned reading materials before each class	15%
Paper presentation	20%
Course project (one group project)	40%
Position paper (one)	10%

- **Project Submission Policy**

All the summaries and the position paper have to be done **individually!!** Summaries, position papers and project reports/documentations must be submitted through Dropbox. No late submission!

You are required to submit the summaries of at least 85% of all the assigned papers.

If you have questions regarding the grading of your projects, summaries, or position papers, you must come to see me within two weeks after the date the grades have been assigned or email me within two weeks to make an appointment.

- **Grading Scale:**

- A : 90 - 100
- B+ : 86 - 89
- B : 80 - 85
- C+ : 76 - 79
- C : 70 - 75
- D+ : 66 - 69
- D : 60-65
- F : below 60