

# SUMMER 2020

## Computer Science

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**CS 408-201 / CS 591-201**

Monday, Wednesday, Friday  
3:00-4:40 PM  
EGRA 420

Instructor – Dr. Bidyut Gupta

### **Special Topics: Applied Cryptography**

This course is a comprehensive introduction to modern cryptography, with an emphasis on the application and implementation of various techniques for achieving message confidentiality, integrity, authentication and non-repudiation. Applications to Internet security and electronic commerce will be discussed. All background mathematics will be covered in the course.

**Prerequisite:** CS 330 with a grade of C or better and MATH 221

**Textbook:** Cryptography and Network Security, William Stallings, 7th Edition, 2017, Pearson Publications, ISBN: 9780134444635.