CMSC498: Wireless Networks

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Contents

1 Lecture 1: Introduction

Office hours will be after class on Tuesdays [Subject to change].
There will be a project, based on a 'ns3', a network simulator.

OSI

1. Application

2. TCP

3. IP

4. Link Layer

  Other

    (a) MAC

5. Physical

Outline

- Basics of Wireless (PHY)
- LANs ϵ MACs
- Mobile IP
- Adhoc Networks
- Mobile TCP
- Cellular Networks
- Advanced Topics
    - Quality of Service
    - Shared Spectrum Technologies
    - Dynamic Spectrum Access