COT 6930 Vehicular Ad Hoc Networks

Credits: 3 credits

Text book, title, author, and year: There is no required text


Specific course information

Catalog description: A study of vehicular ad hoc networks routing and MAC protocols, broadcast protocols, applications, and performance modeling.

Prerequisites: CNT 4104 Introduction to Data Communications or an equivalent networking course

Specific goals for the course:
To develop an understanding of the basic concepts of vehicular ad hoc networks and to examine the technical challenges encountered in the deployment of these networks.

Brief list of topics to be covered:
1. Introduction
2. Routing protocols
3. Broadcast protocols
4. Aggregation
5. MAC protocols
6. Scalability issues
7. Privacy and security issues
8. Performance modeling
9. Applications