Lecture Schedule

The following schedule is tentative and subject to change as the instructor deems necessary.

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| Week | Date | Topic | Due date |
| 1 | Sept. 7 | Review of TCP/IP protocol suite |  |
| 2 | Sept. 12, 14 | Ethernet and CSMA/CD; IEEE 802.11 and CSMA/CA |  |
| 3 | Sept. 19, 21 | Internet routing (reading assignment)  MANET routing: DSR, AODV |  |
| 4 | Sept. 26, 28 | IP multicast  ODMRP |  |
| 5 | Oct. 3, 5 | Review of TCP  ATCP |  |
| 6 | Oct. 10, 12 | Receiver-based auto rate (RBAR)  Medium time metric (MTM) |  |
| 7 | Oct. 17, 19 | Network security basics  Security in IEEE 802.11 networks |  |
| 8 | Oct. 24 | Test 1 |  |
|  | Oct. 26 – 29 | Reading Days – NO CLASSES |  |
| 9 | Oct. 31  Nov. 2 | Mobile social networks | Project proposals due Nov. 2 |
| 10 | Nov. 7 | Wireless mesh networks: multi-channel multi-radio networks and routing metrics |  |
|  | Nov. 9 | Presentations of project proposals |  |
| 11 | Nov. 14, 16 | LTE, 4G/5G networks |  |
| 12 | Nov. 21, 23 | Presentations of research papers  (Buffer) |  |
| 13 | Nov. 28 | Test 2 |  |
|  | Nov. 30 | Project presentations |  |

*Note*: Last date to drop courses without receiving a grade is Nov. 10.