

**Department of Electrical and Computer Engineering  
Concordia University**

**INTRODUCTION TO TELECOMMUNICATION NETWORKS  
ELEC 463 / 6851**

**COURSE OUTLINE**

**Instructor:**

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Office Hours: Mondays 2:30PM-4:00PM

Class Time and Location: Wednesdays 5:45-8:15PM H535

**Textbook:**

*Communication Networks, Fundamental Concepts and Key Architectures*, A. Leon-Garcia and I. Widjaja, McGraw Hill, 2. Edition

**Course Website:**     <http://www.ece.concordia.ca/~dongyu/ELEC6851/>

**Course Material:**

- Evolution of Communication Networks (Chap. 1.1)
- Applications and Layered Architectures (Chap. 2.1-2.3)
- Circuit-Switching Networks (Chap. 4)
- Peer-to-Peer Protocols (Chap. 5.1.3-5.2, Appendix 5A)
- Data Link Controls (Chap. 5.4-5.6)
- Medium Access Control Protocols (Chap. 6.1-6.3, 6.4.4)
- Local Area Networks (Chap. 6.7, 6.11)
- TCP/IP (Chap. 8.1-8.2, 8.4-8.6)
- Shortest-Path Routing (Chap. 7.5)
- Notes

**Grading Scheme:**

	ELEC 463	ELEC 6851
Assignment	0%	0%
Midterm	30%	30%
Final	55%	55%
Lab/Project	15%	15%