

SYSC 4700 Telecommunications Engineering

Winter 2018 – Lecture Schedule [last update: 13 March 2018]

All lectures are in 240 TB (Tory Building) and held during 10:05 – 11:25 am

Lecture	Date		Topic	Lecturer
1	Tue	Jan 09	Introduction, Objectives ICT & 5G Wireless	H. Yanikomeroglu
2	Thu	Jan 11	History of Telecommunications Future of Telecommunications	H. Starzynski H. Yanikomeroglu
3	Tue	Jan 16	Transmission of Information – I	H. Yanikomeroglu
4	Thu	Jan 18	Transmission of Information – II	H. Yanikomeroglu
5	Tue	Jan 23	Transmission of Information – III	H. Yanikomeroglu
6	Thu	Jan 25	Network Management of Wireless Networks Transmission of Information – IV	G. Methe H. Yanikomeroglu
7	Tue	Jan 30	Packet Switching	T. Rybczynski
8	Thu	Feb 01	Broadband Access Technologies – xDSL & FTTx	C. Storry
9	Tue	Feb 06	Transmission Media – I	H. Yanikomeroglu
10	Thu	Feb 08	Introduction to Machine Learning and Data Analytics (Big Data) in Communications Networks	A. Brandao
11	Tue	Feb 13	Global Telecommunications Standards	J. MacFie
12	Thu	Feb 15	Term Exam	
			Winter Break (Feb 19–23)	
13	Tue	Feb 27	Wireless LAN / WiFi – I	S. Rayment
14	Thu	Mar 01	Transmission Media – II Non-Terrestrial Networks	H. Yanikomeroglu
15	Tue	Mar 06	Fundamentals of Cellular Communications & Networks – I	H. Yanikomeroglu
16	Thu	Mar 08	Fundamentals of Cellular Communications & Networks – II	H. Yanikomeroglu
17	Tue	Mar 13	Wireless LAN / WiFi – II	O. Aboul-Magd
18	Thu	Mar 15	Voice over IP	T. Hutchinson
19	Tue	Mar 20	Starting a Technology Company	N. Adnani
20	Thu	Mar 22	Network Security and Cryptography – I	T. Reinhardt
21	Tue	Mar 27	Network Function Virtualization (NFV) Software Defined Networks (SDN)	M. Falkner
22	Thu	Mar 29	Network Security and Cryptography – II	F. Alaca
23	Tue	Apr 03	Internet Technology & Cloud Computing Overviews	P. Kloppenburg
24	Thu	Apr 05	Network Security and Cryptography – III	F. Alaca
25	Tue	Apr 10	Multiprotocol Label Switching (MPLS) Services	S. Toulan