SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number:	TCOM-360	Department:	Telecommunications Tech

Course Title: Wireless Communications Semester: Spring Year: 2010

Objectives/Competencies

Course Objective		Competencies	
1.	To become familiar with the history and evolution of wireless communications	1.	To be able to describe how wireless communications has evolved
2.	To become familiar with the components of a wireless telecommunications network	1.	To be able to explain the operation of the components of a wireless telecommunications network
3.	To become familiar with the cellular concept	1.	To be able to explain the cellular concept and what its advantages are
4.	To become familiar with the GSM & CDMA cellular systems	1.	To be able to describe the difference between the GSM and CDMA cellular systems
5.	To become familiar with IEEE 802.11 Wireless LAN technology	1.	To be able to explain the operation, setup, and limitations of IEEE 802.11 wireless technology