Guidelines for Students Enrolling in the Non-Degree Conferring Program in Communication Engineering

Approved by a meeting of the Department of Communication Engineering on March 10, 2005
Approved by a meeting of the College of Electrical Engineering and Computer Science Curriculum Committee on May 16, 2005
Approved by a meeting of the National Central University Curriculum Committee on May 26, 2005
Approved by a meeting of the Academic Affairs Committee on June 24, 2005
Amended and approved by a meeting of the Department of Communication Engineering Curriculum Committee on Nov. 6, 2007
Amended and approved by a meeting of the College of Electrical Engineering and Computer Science Curriculum Committee on Feb.25, 2008
Amended and approved by a meeting of the National Central University Curriculum Committee on March 13, 2008
Amended and approved by a meeting of the Academic Affairs Committee on March 26, 2008

1. The aim of this program is to provide students with the necessary foundation that will enable them to serve as communication engineering specialists and R&D professionals specializing in communication technology-related hardware and software.

2. Any student enrolled in the University may apply for entry into this program with the exception of students in the Department of Communication Engineering.

3. University students who comply with these guidelines and earn 30 course credit hours from the program curriculum or through a course waiver, shall have the name of the program as well as the number of credit hours earned clearly indicated on their transcript and shall also be awarded a certificate of completion.

4. The requirements for this program's courses are as follows:

Category	Course Title	Credit Hours	Remarks
Basic Engineering Mathematics	Engineering Mathematics I (CO1003)	3	Required
	Engineering Mathematics II (CO2007)	3	
	Engineering Mathematics III (CO2008)	3	
Basic Courses in Communication	Probability (CO3003)	3	Any five from this category.
	Signal and System (CO3004)	3	
	Introduction to Computer Networks (CO3005)	3	
	Principles of Communication I (CO3007)	3	
	Principles of Communication II (CO3008)	3	
	Principle of Microprocessor (CO3006)	3	

Advanced Courses	Digital Communications (CO6019)	3	Any two from this category.
	Adaptive Signal Processing for Communications (CO6005)	3	
	Digital Transmission System Design (CO6014)	3	
	Communication Digital Signal Processing (CO6038)	3	
	Signal Compression (CO6018)	3	
	Stochastic Processes (CO6025)	3	
	Computer Communications Network (CO6031)	3	
	Queuing Theory (CO6032)	3	
	Coding Theory (CO6023)	3	
	Digital Signal Processing (CO6021)	3	

5. Whether courses with similar titles and content taken in other University programs can be accepted in lieu of courses offered by this program shall be left to the discretion of the Department of Civil Engineering prior to the determination of a waiver.

6. These guidelines shall be implemented and entered into force upon approval by a meeting of the Academic Affairs Committee. The same procedure applies to any amendment of these guidelines.