



# PLANES DE ESTUDIO

## TC2018 Introduction to Networks

SPANISH

**Course in which it's recommended to incorporate the use of information technologies.**

**CIP:** 110101 Computer and Information Sciences,  
General.

**C-L-U:** 3-1-8

Academic department that offers it:  
Computer Technologies

Graduate Programs who offer them:  
4 INT11, 4 ISC11, 5 ISD11, 4 ITC11, 5 ITE11, 4 ITIC11, 4 ITS11, 4 ITM11, 5 LATI11  
Certificates

Requirement:  
(TC1016 or TE1010 )

Equivalence:  
TC1007

General aim of the course:  
Upon completion of this course, students will be able to design and implement local area networks; determine appropriate IP addressing schemes; recognize different communications protocols, identify several communications media and the signaling techniques used on them.

Teaching and learning techniques:  
Not Specified

Bibliography:  
TEXT BOOKS:  
\* Tanenbaum, Andrew S., Computer networks, 4th ed., Upper Saddle River, NJ : Prentice Hall, 2003, , 0130661023  
\* Stallings, William., Data and computer communications , 7th ed., Upper Saddle River, N.J. : Pearson Prentice Hall, c2004, , 0131006819

BOOKS FOR CONSULTATION:  
\* Forouzan, Behrouz A., Data communications and networking, 3rd ed., New York, NY : McGraw-Hill Higher Education, c2004, , 0072515848 (papel alcalino)

Professor´s profile:  
Master Degree in Telecommunication Management; Master Degree in Computational Sciences; Master Degree in Computer/Information Sciences; Master Degree in Artificial Intelligence/Robotics; Master Degree in Computational Systems