

COMPUTER SCIENCE DEPARTMENT

GENERAL POLICIES

Semester Feb – Jun 2020

Subject: Networks Fundamentals **ID:** TC 2018 – 02.

Teacher: Jesús Arturo Pérez Díaz **Email:** jesus.arturo.perez@tec.mx.

Classes Schedule: 13 – 14 Tuesday and Friday **Classroom:** 2002.

Academic advices: Mon and Frid from 10 to 12 and Wednesday from 16 to 18..

If you have clases during these time, you can get an appointemt upon previuos request..

Office location: Building 2, 3rd floor.

Objetive

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.

This is an intermediate information technology course in the networking area, which provides students with basic theory regarding the functioning of local area networks (LAN), interconnecting computers in a LAN, and designing local coverage networks for small businesses. This course requires basic previous knowledge in computers, hardware, and software.

Skills and competences

Students will be able to:

- Plan the design and installation of a local area network and the basic configuration of the routing equipment.
- Design an IP addressing schemes according to the connectivity restrictions of the business.
- Analyze and study several communication protocols used widely in local area networks

Partial evaluation dates

1st Partial: **Tuesday March 10th**

2do. Partial: Tuesday **May 5th**

The exams can be presented only in these specific dates.

COURSE Evaluation

Partial Evaluation	Evaluación Final
30% Homework and PT activities	30% Partials (2)
70% Exam	10% Last period activities
	20% Final Exam
	10% Final project
	30% Networking lab.

GRADES:

The minimum passing score is 70. In order to pass this course is mandatory to pass the practice test of the networking lab with the minimum of 70.

HOMEWORKS, PACKET TRACER ACTIVITIES AND PROJECTS

All activities should be presented in the specific date or before, and they should be done individually.

CLASS ATTENDANCE

If one student does not attend to a class or lab, and she/he miss that activity (practice, exam or another) the activity will be score with 0.

ACADEMY INTEGRITY

All students are subject to the ITESM regulation and penalties will be applied according to the failure and the ITESM regulations.