

1. Course number and name
TI1002 Introduction to the Profession of Electronics and Information Technologies
2. Credits and contact hours
2-0-2
3. Instructor's or course coordinator's name
4. Text book, title, author, and year
Haag, Stephen, Information technology : tomorrow's advantage today / Stephen Haag, Peter Keen, , McGraw-Hill, New York , c1996, eng, [0070254478 (text)]
 - a. other supplemental materials
5. Specific course information
 - a. brief description of the content of the course (catalog description)
By the end of this course, students will be able to: recognize the characteristics of TIE professionals and its relation to other relevant programs. They will be familiar with the environment of the Tecnológico de Monterrey System.
 - b. prerequisites or co-requisites
None
 - c. indicate whether a required, elective, or selected elective (as per Table 5-1) course in the program
Required
6. Specific goals for the course
 - a. specific outcomes of instruction, ex. The student will be able to explain the significance of current research about a particular topic.

By the end of this course, students will be able to: recognize the characteristics of TIE's (ITC, ITE, ITIC, LATI) and its relation to other relevant degrees. They will be familiar with the environment of Tecnológico de Monterrey.
 - b. explicitly indicate which of the student outcomes listed in Criterion 3 or any other outcomes are addressed by the course.
 6. Students will learn on their own new technologies, methodologies, tools and standards in their area of expertise.
 7. Students will participate effectively in multi or interdisciplinary teams.
 8. Students will communicate effectively in Spanish and English.
 9. Students will develop the ability to analyze the global and local impact of computing sciences in individuals, organizations and societies in order to provide their professional services in an ethical and responsible way.
7. Brief list of topics to be covered
 1. Tecnológico de Monterrey

- 1.1. To learn about the key features: mission and vision of Tecnológico de Monterrey
 - 1.2. To recognize Tecnológico de Monterrey 's role of a student
 - 1.3. To recognize the Tecnológico de Monterrey 's role of a professor
2. Organization and services of the Campus Monterrey
 - 2.1. To identify the general characteristics and services of the Campus
 - 2.2. To understand the policies and regulations applicable to any student, his rights and obligations
3. Profession of Electronics and Information Technologies
 - 3.1. To establish the characteristics of TIE (Electronics and Information Technology) as a profession and the differences that exists in each one of programs that are part of it (ITC, ITE, LATI, ITIC)
 - 3.2. To identify the fields of study as well as the ethical behavior and social impact of TIE.
 - 3.3. To recognize future professional scenarios for the program.
 - 3.4. To learn about the curricular structure of the program