Tecnológico de Monterrey

PLANES DE ESTUDIO

TC1016
Computer Organization

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:
3 INT11, 2 ISC11, 2 ITC11, 2 ITIC11, 3 LATI11
Certificates

Requirement:
(TC1014)

Equivalence:
None.

General aim of the course:
Upon course completion, students will be able to understand the internal structure of a computer, how it works and how its components interact.

Teaching and learning tecniques:
Not Specified

Bibliography:
TEXT BOOKS:
* Stallings, William., Computer organization and architecture : designing for performance, 7th ed., Upper Saddle River, N.J. : Pearson Education / Prentice Hall, c2006, , 0131856448, 9780131856448

BOOKS FOR CONSULTATION:
* Hamacher, V. Carl., Computer organization , 5a ed. (International edition), Boston : McGraw-Hill, , 0071122184

Professor´s profile:
Master Degree in Computational Sciences; Master Degree in Computer/Information Sciences; Master Degree in Computational Engineering; Master Degree in Electrical Engineering/ Electronics and Communications; Doctoral Degree in Computational Sciences; Doctoral Degree in Computer/Information Sciences; Doctoral Degree in Computational Engineering; Doctoral Degree in Electrical Engineering/ Electronics and Communications
CIP: 110701, 110101, 140901, 141001