

**KEAN UNIVERSITY – SCHOOL OF COMPUTER SCIENCE AND TECHNOLOGY
(28042) Minor in Information Technology**

Total Credits: 19/20 S.H.

Supporting Courses: 14 S.H.

REQUIRED COURSES (13/14 Semester Hours)		
CPS 2240 IT Data Structure or CPS 2232 Data Structures and Algorithms	3/4 S.H.	
TECH 1010 Information Technology Foundations	3 S.H.	
TECH 1505 Digital Circuits and Systems	4 S.H.	
TECH 2920 Computer Systems	3 S.H.	
ELECTIVE COURSES (6 Semester Hours)		
2 TECH or CPS courses at the 3000 level or above		
SUPPORTING COURSES (14 Semester Hours)**		
MATH 1054 Pre-Calculus	3 S.H.	Prereq for CPS 2231
MATH 2110 Discrete Structures	3 S.H.	Prereq for CPS 2240 or CPS 2232
CPS 1231 Fundamental of Computer Science	4 S.H.	Prereq for CPS 2231 and TECH 2920
CPS 2231 Computer Organization and Programming	4 S.H.	Prereq for CPS 2240 or CPS 2232

- For any courses to be credited towards the minor in Information Technology, students must take at least additional 9 S.H. as free elective to total 120 S.H.
- No more than one-half of the credits for the minor may be transferred from another institution.
- Grade of "C" (2.0) or better in all courses.
- Students seeking admission to minor programs should use the Major/Minor Status Change Form signed by the Executive Director and then submitted to the Office of the Registrar.
- At the time of filling for graduation, the Department must verify and sign off that all requirements for the minor are met. Verification of the completion of the minor must then be filed with the Registrar's Office.
- Minors will be designated on the student's transcript.

** Waived for students who have completed equivalent programming language course(s)

Emphasis Areas in Information Technology

Cybersecurity	Human Computer Interaction	Networking
TECH 2520 Networking Essentials	TECH 3500 Web Programming	TECH 2520 Networking Essentials
TECH 3498 Computer Security	TECH 3540 Robotics and Automation	TECH 3525 Intro. to UNIX/Linux
TECH 4527 Comp. & Cloud Sys. Admin.	TECH 3620 Mobile App. Development	TECH 4524 Switches and Routers
CPS 4498 Digital Forensics	CPS 3601 Human Computer Interaction	TECH 4527 Comp. & Cloud Sys. Admin.

**School of Computer Science and Technology
North Avenue Academic Building, Room 223. (908) 737-6150
1000 Morris Avenue, Union, NJ 07083**

KEAN UNIVERSITY – SCHOOL OF COMPUTER SCIENCE AND TECHNOLOGY
(28042) Minor in Information Technology
Total Credits: 19/20 S.H.
Supporting Courses: 14 S.H.

Name: _____ Kean ID: _____

Email: _____ Major(s): _____

Courses	S.H.	Completed Term	Grade	Transferred¹
REQUIRED COURSES	13/14			
CPS 2240 IT Data Structure or CPS 2232 Data Structures and Algorithms	3/4			
TECH 1010 Information Technology Foundation	3			
TECH 1505 Digital Circuits and Systems	4			
TECH 2920 Computer Systems	3			
ELECTIVE COURSES	6			
TECH or CPS 3xxx or 4xxx	3			
TECH or CPS 3xxx or 4xxx	3			

¹ No more than one-half of the credits for the minor may be transferred from another institution.

Advisor's Signature: _____ Date: _____

Director's Signature: _____ Date: _____

School of Computer Science and Technology
North Avenue Academic Building, Room 223. (908) 737-6150
1000 Morris Avenue, Union, NJ 07083