

**KEAN UNIVERSITY – SCHOOL OF COMPUTER SCIENCE AND TECHNOLOGY  
(28043) Minor in Health Information Technology**

**Total Credits: 18/19 S.H.**

**Supporting Courses: 14 S.H.**

<b>REQUIRED COURSES (12/13 Semester Hours)</b>		
CPS 2240 IT Data Structure or CPS 2232 Data Structures and Algorithms	3/4 S.H.	
CPS 3740 Database Management Systems or TECH 3740 Database Systems Application	3 S.H.	
TECH 3750 Health Information Technology	3 S.H.	
TECH 4750 Health Informatics	3 S.H.	
<b>ELECTIVE COURSES (6 Semester Hours)</b>		
CPS 3320 Python Programming	3 S.H.	
CPS 3351 Information Systems Programming	3 S.H.	
CPS 3500 Programming World Wide Web Server or TECH 3500 Web Programming	3 S.H.	
CPS 3601 Human Computer Interaction	3 S.H.	
TECH 1010 Information Technology Foundations	3 S.H.	
TECH 2920 Computer Systems	3 S.H.	
TECH 3620 Mobile Application Development	3 S.H.	
TECH 3910 IT Project Management	3 S.H.	
<b>SUPPORTING COURSES (14 Semester Hours)**</b>		
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 Health Information Technology, students must take at least additional 9 S.H. as free elective to total 120 S.H.
- For CS and IT majors, TECH 3750, TECH 4750, and 1 Elective Course (total 9 S.H.) must count as free elective.
- 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).

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

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**Total Credits: 18/19 S.H.**

**Supporting Courses: 14 S.H.**

Name: \_\_\_\_\_ Kean ID: \_\_\_\_\_

Email: \_\_\_\_\_ Major(s): \_\_\_\_\_

<b>Courses</b>	<b>S.H.</b>	<b>Completed Term</b>	<b>Grade</b>	<b>Transferred<sup>1</sup></b>
<b>REQUIRED COURSES</b>	<b>12/13</b>			
CPS 2240 IT Data Structure or CPS 2232 Data Structures and Algorithms	3/4			
CPS 3740 Database Management Systems or TECH 3740 Database Systems Application	3			
TECH 3750 Health Information Technology	3			
TECH 4750 Health Informatics	3			
<b>ELECTIVE COURSES</b>	<b>6</b>			
TECH or CPS 3xxx or 4xxx	3			
TECH or CPS 3xxx or 4xxx	3			

<sup>1</sup> 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: \_\_\_\_\_

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