

**KEAN UNIVERSITY – COLLEGE OF Natural, Applied, & Health Sciences
(28700) B.S. Information Technology: 124 S.H.**

EFFECTIVE DATE: September 2012

START TERM:

NAME		TRANSFER INSTITUTIONS (X)	Credits:
STUDENT ID#		In Progress	
Description	Credit	Semester / Year	Grade
GENERALEUCATION: 35 Semester Hours (S.H.)			
Foundation Requirements 13 S.H.			
G.E. 1000 Transition to Kean ²	1		
ENG 1030 Composition ³	3		
MATH 1000 College Algebra ⁴	3		
COMM 1402 Speech Communication	3		
GE 2024 Research & Technology	3		
DISCIPLINARY & INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS: 1			
Humanities: 6 S.H. (from different areas)			
*ENG 2403 World Literature	3		
Fine Arts/Art History	3		
Philosophy or Religion	3		
Foreign Languages (Must take I and II for credit)	3		
Music or Theatre	3		
Interdisciplinary	3		
Social Sciences: 6 S.H. (from different areas)			
*HIST 1000 (America) or HIST 1062 (World)	3		
Psychology	3		
Economics or Geography	3		
Political Science	3		
Sociology or Anthropology	3		
Interdisciplinary	3		
Science and Mathematics: ***7 S.H.			
MATH 1054 Precalculus ⁴	3		
Lab Science*	4		
* BIO 1000, CHEM 1083, PHYS 2091			
G.E. and Major Capstone:³ 3 S.H.	3		
TECH 4513 Sr. Project			
Additional Required** Courses:³ 26 S.H.	26		
Math 2110 Discrete Structures	3		
Math 2526 Statistics	3		
CPS 1231 Fundamentals of Computer Science ⁶	4		
CPS 2231 Computer Organization & Programming	4		
CPS 2240 IT Data Structures and Applied Programming	3		
CPS 3498 Computer Security	3		
MGS 3030 Human Resource Management	3		
COMM 2405 Public Speaking	3		

Description	Credit	Semester / Year	Grade
ACADEMIC Major ** 3 44 S.H. Total Credits			
REQUIRED: Major Core 3 13 S.H.			
TECH 1010 IT Foundations	3		
TECH 1500 Data Communications	4		
TECH 2900 Preparation of Technical Documents ^{WE}	3		
TECH 2920 Computer Systems	3		
Major Concentration Requirements *** 3 19 S.H.			
TECH 2504 Digital Circuits & Systems	4		
TECH 2740 Database Concepts & Applications	3		
TECH 2925 Web Client-Side Programming	3		
TECH 3520 Networking Essentials	3		
TECH 3525 Unix/Linux Operating System	3		
TECH 3910 IT Project Management	3		
Major Electives *** 3, 7 12 S.H.			
FREE ELECTIVES: 19 S.H. at least 50% must be 3000/4000 level			
Other Transfer:			
Special Notes:			
*G.E. required course			
**Course required by Major			
***All Major courses require a grade of C or better			
>Require advisor permission			
Note: See foreign language requirements			
TOTAL CREDITS:			
Advisor:			
Advisor Signature:			

(28700) B.S. in Information Technology

¹ See list of approved GE Distribution courses at <http://www.kean.edu/~gened/distributionfall2009.html>

² Required of all Freshmen and Transfers with fewer than 10 credits.

³ Eng 1030 College Composition, and all major and supporting courses, including the Capstone, require a grade of C or better.

⁴ Students whose qualifying score on the placement test enables them to take MATH 1054 may take that course instead. In that case they can take Math 1054 in GE Foundations, with CPS 1231 as their GE Math in Distributions Requirements and a free elective.

⁵ Credit granted only upon completion of two semesters of elementary or intermediate foreign language. Three credits may be applied to Humanities and three credits may be applied to free electives.

⁶ Students who have had prior programming experience may enter CPS 2231 directly. In this case, CPS 2231 will be counted as a General Education requirement and the student may take another three credits in Major electives.

⁷ Select four TECH courses with department advisement, at the 3000 level or higher.

NOTE ON FREE ELECTIVES

TECH 4996 Cooperative Education may be counted as a major elective (no more than 3 S.H.). There are four prerequisites for TECH 4996 which include the following:

- (a) a minimum of 21 credits in Technology, including all Core Requirements in the major;
- (b) a minimum 3.00 GPA in the major;
- (c) a minimum 2.75 cumulative GPA; and
- (d) approval of the Departmental Advisory Committee.

ADMISSION REQUIREMENTS

The Department of Computer Science has adopted the following standards for admission to all options of the Information Technology major:

1. Minimum cumulative GPA of 2.5 at the time of admission to the major.
2. Completion of at least 13 credits of CPS and Tech courses at Kean University with grade of "C" or better in each.

Evaluator's

Signature _____ **Date** _____

Advisor's Signature _____ **Date** _____

Advisor's Signature _____ **Date** _____

Advisor's Signature _____ **Date** _____

Advisor's Signature _____ **Date** _____

Advisor's Signature _____ **Date** _____

Advisor's Signature _____ **Date** _____

Advisor's Signature _____ **Date** _____

Advisor's Signature _____ **Date** _____

Your major department is located in Willis Hall (HH), Room 408, phone (908) 737-4250.

YOU MUST BRING THIS EVALUATION AND YOUR KEAN UNIVERSITY TRANSCRIPT TO ALL ADVISING/REGISTRATION SESSIONS.