KEAN UNIVERSITY – College of Natural, Applied, & Health Sciences
(28701) B.S. Information Technology (Cybersecurity Option): 120 S.H.

EFFECTIVE DATE: Fall 2018 **START TERM: _____**

NAME		TRANSFER INSTITUTIONS (X) Credits:	
STUDENT ID#		In Progress	
GENERAL EDUCATION: 35 Semester Hours (S.H.)			
Foundation Requirements 13 S.H.		**ACADEMIC Major ** [3] 40 S.H. Total Credits**	
GE 1000 Transition to Kean/GE 3000 Transfer Transition[2]	1	**REQUIRED: Major Core [3] 13 S.H.**	
ENG 1030 Composition [3]	3	TECH 1010 IT Foundations	3
MATH 1000 College Algebra [4]	3	TECH 2504 Digital Systems and Communications	4
COMM 1402 Speech Communication	3	TECH 2900 Preparation of Technical Documents [WE]	3
GE 2024 Research & Technology	3	TECH 2920 Computer Systems	3
DISCIPLINARY & INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS: [1]		**Major Concentration Requirements*** [3] 15 S.H.**	
Humanities: 6 S.H. (from different areas)		TECH 2925 Web Client-Side Programming	3
*ENG 2403 World Literature	3	TECH 3520 Networking Essentials	3
Fine Arts/Art History	3	TECH 3525 Unix/Linux Operating System	3
Philosophy or Religion	3	TECH 3720 Database Systems and Concepts	3
Foreign Languages (Must take I and II for credit)	3	TECH 3910 IT Project Management	3
Music or Theatre	3		
Interdisciplinary	3	**Major Electives *** [3, 7] 12 S.H.**	
		TECH 3xxx or 4xxx	3
Social Sciences: 6 S.H. (from different areas)		TECH 3xxx or 4xxx	3
*HIST 1062 Worlds of History	3	TECH 3xxx or 4xxx	3
Psychology	3	TECH or CPS 3xxx or 4xxx	3
Economics or Geography	3		
Political Science	3		
Sociology or Anthropology	3		
Interdisciplinary	3	**FREE ELECTIVES: 16 S.H.** **at least 50% must be 3000/4000level**	
		ID 1400 (Recommended if need to take Math 1000)	3
Science and Mathematics: ***7 S.H.		*MGS 2030 (Required pre-req if MGS 3030 will be taken)*	3
MATH 1054 Precalculus [4]	3		
Lab Science*	4		
* ASTR 1100, BIO 1000, CHEM 1083, GEOL 1200, METR 1300, or PHYS 2091			
G.E. and Major Capstone: [3] 3 S.H.	3		
TECH 4513 Sr. Project			
Additional Required Courses**:[3] **29 S.H.**		**Special Notes:**	
Math 2110 Discrete Structures	3	***G.E. required course**	
Math 2526 Statistics	3	****Course required by Major**	
CPS 1231 Fundamentals of Computer Science [6]	4		
CPS 2231 Computer Organization & Programming	4	****All Major courses require a grade of C or better**	
CPS 2240 IT Data Structures and Applied Programming	3	**>Require advisor permission**	
CPS 3498 Computer Security	3	**Note: See foreign language requirements**	
CPS 4498 Digital Forensics	3	TOTAL CREDITS:	
CPS 4601 Human Computer Interaction	3	Advisor:	
MGS 3030 Human Resource Management or COMM 2405 Public Speaking	3	Advisor Signature:	

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[1] See approved GE Distribution courses at
http://www.kean.edu/~gened/forms/Approved_GE_Distribution_Courses_Oct2009.pdf
[2] Requirement for graduation that must be satisfied in one of two ways:
Complete GE 1000 (all freshmen and transfers entering with 0-29 credits) *or*
Complete GE 3000 (transfers entering with 30 credits or more).
[3] ENG 1030, and all major and supporting courses, including 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 upon completion of two semesters of elementary or intermediate foreign language. (3 credits applied to Humanities and 3 credits applied to free electives).
[6] Students who have had prior programming experience may enter CPS 2231 directly. CPS 2231 will be a General Education requirement and the student may take another 3 credits in Major electives.
[7]Select 4 TECH courses with department advisement, at the 3000 level or higher (one CPS course may be selected, with permission).

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.

REQUIREMENTS FOR ADMISSION TO THE MAJOR:
The School 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_____

Computer Science is in the North Avenue Academic Building, Room 233, 908/737-6150.

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