Northeastern University
College of Professional Studies

Transfer Articulation Guide

Central Maine Community College AS Computer Technology
to
Northeastern University College of Professional Studies BS Information Technology

Central Community College AS in Computer Technology Courses			Northeastern University College of Professional Studies BS in Information Technology Equivalencies		
BCA 152	Integrated Software Applications	3	ITC 2016	End-User Data Analysis Tools	3
CPT 147	Intro to PC Repairs/OS	3	ITC 1200	Operating Systems Concepts	3
ENG 101 *or* ENG 105	College Writing *or* College Writing Seminar	3 *or* 4	ENG 1105 + ENG 1106	College Writing 1 + Lab	3 *or* 4
MAT 102	Numbers and Logic	3	MTH 2400	Technology and Applications of Discrete Mathematics	3
CPT 201	Linux	3	ITC 3250	Unix Systems Administration *(Professional Elective)*	3
CPT 130	Intro to Visual BASIC	3	ITC 1990	ITC Elective *(Programming Option)*	3
CPT 235	Intro to Networking	3	ITC 1990	ITC Elective *(Professional Elective)*	3
ENG 201	Technical Writing	3	TCC 2200	Intro to Technical Writing	3
MAT 122 *or* MAT 125 **TAKE MAT 122**	**College Algebra** *or* Finite Mathematics	3	MTH 1100	College Algebra	3
PHI 101 *or* PHI 111 **TAKE PHI 111**	Critical Thinking *or* **Intro to Ethics** **(See CPT Dept. Chair for substitution)**	3	PHL 2140	Ethical Issues in Science and Engineering	3
CPT 225	Advanced PC Repair	3	ITC 2990	ITC Elective *(Professional Elective)*	3
CPT 266	Server Administration	3	ITC 2990	ITC Elective *(Professional Elective)*	3
CPT 271	Intro to Network Security	3	ITC 4200	Network Security	3
INS 101	Technology and Society	3	GEN 1990	General Elective	3

MAT 135	Statistics	3	MTH 1990	Math Elective	3
BCA 246 or CPT 166 **TAKE BCA 246**	Database Management	3	ITC 2300	Database Management Systems	3
COM 101 or COM 121 or COM 100	Interpersonal Communication or Group Process or Public Speaking	3	CMN 1990 or CMN 1990 or CMN 2310	CMN Elective or CMN Elective or Professional Speaking (Open Elective)	3
CPT 298	Capstone	3	ITC 2990	ITC Elective (Professional Elective)	3
*CPT xxxx **SEE LIST BELOW**	CPT Elective	3			3
*XXX xxxx **SEE LIST BELOW**	Other Elective (CPT recommended)	3			3
			Total Credits Accepted for Transfer		**60-61**
			Total Transfer Credits Applied to BS Degree		**60-61**

 * CPT and Other Elective Options at CMCC
Please complete 2 of the following courses to satisfy the CPT and Other Electives.

CPT 166	Fundamentals of SQL	3	ITC 3300	Structured Query Language	3
CPT 239	Advanced Networking Concepts	3	ITC 2200	Networking Foundations	3
CPT 245	Intro to Java Programming	3	ITC 2100	Intro to Programming Java	3
CPT 253	Advanced Web Development	3	ITC 2400	Web Design and Multimedia	3

BS in Information Technology
Courses to be taken at CPS

General Foundation			Prerequisite	Note
ENG 1107	College Writing 2	3	ENG 1105 + ENG 1106	
ENG 1108	Lab for ENG 1107	1		
ENG 3105	Writing for the Professions–Science & Engineering	3	ENG 1107 + ENG 1108	
ENG 3106	Writing for the Professions Lab– Science & Engineering	1		
SI Core	Societies and Institutions	3		
IC Core	Interpreting Culture	3		
ND Core~	Engaging with the Natural and Designed World	3		ITC 2000 satisfies the ND Core and Systems and Analysis Design requirements
General Foundation Total		**17**		
Information Technology Foundation				
MGT 1100	Intro to Business	3		
MGT 2310	Organizational Behavior	3	MGT 1100	
Information Technology Foundation Total		**6**		
Major				
ITC 2100^	Intro to Programming (Java) **Transfer Equivalent to:** **CMCC's CPT 245 Intro to Java Programming**	3	MTH 2400	Do not take if already completed at CMCC.
ITC 2200^	Networking Foundations **Transfer Equivalent to:** **CMCC's CPT 239 Advanced Networking Concepts**	3	ITC 1200	Do not take if already completed at CMCC.
ITC 2400^	Web and Mobile Development **Transfer Equivalent to:** **CMCC's CPT 253 Advanced Web Development**	3		Do not take if already completed at CMCC.
ITC 4500	IT Project Management	3	Senior standing; ITC or CET major	
ITC 4600	Information Security Management	3	Senior standing; ITC or CET major	
ITC 4840	Preparation for IT Project	3	ITC 4500 (can be co-requisite)	
ITC 4850	Information Technology Project	3	ITC 4840	
Major Total		**21**		
Systems Analysis and Design (Choose one)				
ITC 2000~	Principles of Systems Analysis and Design	3		ITC 2000 satisfies the ND Core and Systems and Analysis Design requirements
CET 4240	Software Engineering	3	CET 3000 or ITC 2100	
Systems Analysis and Design Total		**3**		
Programming Total		**0**		
Networking Total		**0**		

Human-Computer Interaction (Choose one)				
TCC 3450	Writing for the Web	3	TCC 2200 + ENG 1107	
ITC 1100	Human-Computer Interfaces	3		
Human-Computer Interaction Total		**3**		
Database (Choose one)				
ITC 3300^	Structured Query Language **Transfer Equivalent to:** **CMCC's CPT 166 Fundamentals of SQL**	3	ITC 2300	Do not take if already completed at CMCC.
ITC 3150	Database Websites with PHP/MySQL	3	ITC 2300 + ITC 2400	
ITC 3320	Data Warehousing Technologies	3	ITC 2300	
Database Total		**3**		
Web and Mobile Applications (Choose one)				
ITC 3400	Web Design and Multimedia	3	ITC 2400	
ITC 3150	Database Websites with PHP/MySQL	3	ITC 2300 + ITC 2400	
Web and Mobile Applications Total		**3**		
Professional Elective Total		**0**		
Open Elective Total		**9-10**		
Credits to be taken at CPS		**59-60**		
Total Credits required for CPS BS Information Technology		**120**		

^ These are course options that could be completed at CMCC. Students are only required to take two (2) of these courses at CMCC. As such, the two courses students complete at CMCC will determine which courses remain to be completed toward the BS in Information Technology.

~ If student takes ITC 2000, which satisfies both the ND core and the Systems Analysis and Design requirements, s/he will take a different 3-credit course for which s/he qualifies to complete the degree with a minimum of 120 credits.