

Articulation Verification: Course to Course Alignment

WESTCHESTER COMMUNITY COLLEGE					NEW YORK INSTITUTE OF TECHNOLOGY				
Degree:		A.S.			Degree:		B.S.		
Program of Study:		LAS - Mathematics & Science: Mathematics			Program of Study:		Applied and Computational Mathematics		
Course Prefix	Course Number	Title	Cr.	√	Course Prefix	Course Number	Title	Cr.	CR. APPLY TO 4 YR. DEGREE
GENERAL EDUCATION REQUIREMENTS									
ENG	101	Writing and Research	3		FCWR	101	Writing I	3	3
ENG	102	Writing and Literature	3		FCWR	151	Writing II	3	3
Mathematics		Select two of the following:	8						
MATH	181	Calculus 1			MATH	170	Calculus I	4	4
MATH	191	Calculus 2			MATH	180	Calculus II	4	4
Natural Sciences		Select ONE of the following SEQUENCES:	10						
CHEM	107	Inorganic Chemistry 1 (and Lab) AND							
CHEM	111	Inorganic Chemistry 2 (and Lab)							
PHYS	121	Engineering Physics 1 (and Lab) AND <i>Recommended</i>			PHYS	170	General Physics I, Elective (1)	5	5
PHYS	122	Engineering Physics 2 (and Lab) <i>Recommended</i>			PHYS	180	General Physics II, Elective (1)	5	5
		Social Sciences, see SUNY Gen. Ed. <i>Recommended:</i> ANTHR, PSYCH, or SOC	3		ICBS	ELEC	Behavioral Science Seminar*	3	3
		The Arts, Foreign Language, or Other World Civilizations, see SUNY Gen. Ed.	3		FCIQ	101	Foundations of Inquiry*	3	3
		American History or Western Civilization, see SUNY Gen. Ed. <i>Recommended:</i> HIS or POLSC	3		ICSS	ELEC	Social Science Seminar	3	3
DEGREE REQUIREMENTS									
COMSC	101	Computer Programming 1	4		CSCI	125	Computer Programming I, Elective (1)	4	4
MATH	215	Linear Algebra	4		MATH	310	Linear Algebra, Elective (1)	4	4
MATH	230	Calculus 3	4		MATH	260	Calculus III	4	4
MATH	240	Differential Equations	4		MATH	320	Differential Equations, Elective (1)	4	4
MATH	250	Introduction to Mathematical Proof	3				Mathematics Elective (MATH 215)	3	3
		Free Electives (8 credits, any college courses) <i>Recommended:</i> ENG 2XX Literature, Computer Science, and Science courses	8				ICLT Literature Seminar (for ENG 2XX) and Equivalent Elective credit	8	8
TOTAL			60					60	60
NOTES:									
WCC general education "gen. ed." course options are located at www.sunywcc.edu/gened									
Elective options located at: www.sunywcc.edu/catalog									
NYIT: *Transfer substitution awarded on the basis of this agreement									