Sample Degree Plan with a Concentration in Mathematics

Degree: Bachelor of Science
Registered Area: Science, Mathematics and Technology
Concentration: Mathematics

Transcript Credit

SUNY / Community College

Concentration	Credits	General Learning	Credits
Trigonometry	3	Network Operating Systems	4
Precalculus	3	LAN Network Design	3
Calc. with Analytic Geometry I	5	Router Configuration	3
Algebra II	5	Written Communication	4
Discrete Math for Comp. Sci.	3	History of Rock & Roll	3
Intro. Programming	4	Public Speaking	3
C++ Programming	4	Critical Thinking & Composition	3
Intro to Java Programming	4	US History	3
Calc. with Analytic Geometry II	5	Cultural Anthropology	3
		Survey of Physics	3
		General Psychology	3
		Intro. UNIX	3

Total Transcript Credit: 74

Credit by Evaluation

Concentration	Credits	General Learning	Credits
		French Language	3
		French Literature	3

Total Credit by Evaluation: 6
Total Advanced Standing: 80

Empire State College

Concentration	Credits	General Learning	Credits
Introduction to Proof and Logic MATH 2010	4	Educational Planning: Introductory I EDPL 1005	2
Exploring the Disciplines: Thinking Mathematically MATH 3000	4	Religious Thought in World Perspective PHIL 4010	4
History of Mathematics: Adv. MATH 3005	4		
Linear Algebra MATH 3010	4		
Math Modeling MATH 3025	4		

Calculus III MATH 3040	4		
Numerical Methods MATH 3055	4		
Mathematical Statistics MATH 3060	4		
Ordinary Differential Equations MATH 3065	4		
Abstract Algebra I MATH 4010	4		
Real Analysis MATH 4030	4		

Total Empire State College Credit: 48
Degree Program Total: 124

Summary

	Degree Program	Concentration	Requirements
Total Credits	124	78	OK
ESC Studies	48		OK
Advanced Level (+)	42	38	OK
Liberal Studies (*)	78		OK
Advanced Standing	80		OK