Math/Comp Courses	100	103	105	106	108	110	151	152	215	221	222	241	244	256	310	327	341	347	417	418	462		CMF 140	CMF 202
Writing																								
Written Exams			X	X	X	X	X	X	X	X	X	X	X		X	X	X		X	X	X		X	X
Written Papers									X					X				X						
Oral Communications																								
Individual Report														X				X	X	X				
Group Report																		X			X			
Poster Presentation																					X			
Gen. Ed. Writing																								
Focus									X															
Organization									X															
Style/Voice									X															
Content/Ideas									X															
Convention/Mechanics									X															
Critical Thinking																								
Text-Based			X	X	X	X	X	X		X	X	X	X		X	X	X	X	X	X			X	X
Other Materials											X			X					X	X	X		X	
Literature Review																								
Information Literacy																								
History of Math/Comp														X	X								X	
Library Search														X					X	X	X			
Internet Search														X							X		X	X
Use of Maple							X	X			X	X			X						X			
Knowledge of Majors																								
Connection to Computing						X						X	X					X			X			
Connection to Math									X						X				X		X			X
Connection to Science						X	X			X		X						X	X	X	X		X	
Advanced Knowledge																					X			
Design of Algorithms												X	X								X		X	X
Computational Schemes																							X	X
Processes																								
Focus on Applications			X	X	X	X	X	X		X	X	X	X		X			X	X	X	X		X	X
Focus on Proofs									X					X	X	X	X		X	X				
Logic					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X
Research Methods									X															
Critically Evaluate Info.			X			X	X	X	X	X	X	X	X	X		X	X		X	X	X		X	
Ethics						X	X							X				X	X	X			X	
Skills																								
Numerical Manipulations			X			X							X								X			
Algebraic Manipulations			X	X	X	X	X	X		X			X	X			X	X			X			
Calculus Manipulations							X	X			X	X			X			X	X		X			
Mathematical Notation							X	X	X	X	X	X	X	X	X	X	X		X	X				
Spatial Reasoning											X													
Computer Programming																								X