

Dept. of Education and Allied Studies  
 John Carroll University – Teacher Education Program  
 Adolescent Young Adult Content Advisement form  
 Revised: 9.20.2011

**Mathematics (38-40 Semester Hours Required)**

**Praxis Test – Mathematics: Content Knowledge (10061)**

Course #	Course Title	Hours	Grade	Semester/Year	Semester Offered
CS 128/128L	Intro Software/Application, Development	4			Every Semester
MT 133**	Calculus & Analytic Geometry IA	3			Every Semester
MT 134**	Calculus & Analytic Geometry IB	3			Every Semester
MT 135*	Calculus & Analytic Geometry I	4			Every Semester
MT 136*	Calculus & Analytic Geometry II	4			Every Semester
MT 233	Calculus & Analytic Geometry III	4			Fall
MT 200	Explorations in Math	3			Fall 10, 12
MT 229	Probability & Statistics	3			Fall
MT 271	Discrete Mathematics and Matrix Algebra	3			Spring
MT 331	Introduction to Real Analysis	3			Spring
MT 343	Introduction to Abstract Algebra	4			Fall
MT 450	Euclidean & Non-Euclidean Geometry	3			Fall 09, 11, 13
MT 469	History of Mathematics	3			Fall 10, 12

\* meet Division IV Core Math Requirement.

\*\*Students may take either MT 133 and 134 OR MT 135. Both MT 133 and 134 must be completed to fulfill requirements for MT 135.