

MATHEMATICS

- Courses below the 1000 level at CCRI or the 100 level at RIC and URI are not assigned college-level credit.
- URI MTH 099 will satisfy RIC's college mathematics (competency) requirement.
- It is recommended that an entire calculus sequence be completed at the same institution.
- Students interested in pursuing a baccalaureate degree in mathematics should refer to Section 3 for a suggested program transfer plan.
- Beginning fall 1998, students transferring to RIC must have a 480 or better on quantitative SAT; pass a course equivalent to MATH 010 or 177 or higher (MATH 0500 + 0600, 1670, 1680, 1700 + 1710, 1800, 1900, 1910, 1920 or 2910); or pass the RIC mathematics placement exam.

URI		CCRI	RIC
		MATH 0500 Arithmetic (3 Cr)+ MATH 0600 Elementary Algebra (3 Cr)	MATH 010 Basic Mathematics (3 Cr) + Elective Credit (3)
MTH 010	Basic Algebra and Trigonometry (3 Cr)	MATH 0600 Elementary Algebra (3 Cr)	
	Free Elective (3 Cr)	MATH 1200 College Algebra (3 Cr)	MATH 120 Intermediate Algebra (3 Cr)
MTH 099	Algebra & Trigonometry (3 Cr)+ Free Elective (3 Cr)	MATH 1200 College Algebra (3 Cr) + MATH 1210 College Trigonometry (3 Cr)	MATH 120 Intermediate Algebra (3 Cr) + MATH 210 College Trigonometry (3 Cr)
	Free Elective (3 Cr)	MATH 1210 College Trigonometry (3 Cr)	MATH 210 College Trigonometry (3 Cr)
	Free Elective (3 Cr)	MATH 1420 Intro. to College Mathematics (3 Cr)	Free Elective (3 Cr)
MTH 107	Introduction to Finite Math (3 Cr) [GE-M]	MATH 1430 Math for Liberal Arts Students (3 Cr)	MATH 139 Contemporary Topics in Math (3 Cr) [GE-M]
	Free Elective (3 Cr)	MATH 1450 Development of Number Systems (3 Cr)	Free Elective (3 Cr)
MTH 108	Topics in Mathematics (3 Cr) [GE-M]	MATH 1470 Topics in Math: Computers & Math (3)	General Ed: SM Category (3 Cr) [GE-SM]
MTH 108	Topics in Mathematics (3 Cr) [GE-M]	MATH 1470 Topics in Math: Discrete Math (3 Cr)	MATH 139 Contemporary Topics in Math (3 Cr) [GE-M]
MTH 107	Intro. to Finite Mathematics (3 Cr) [GE-M]	MATH 1470 Topics in Mathematics: Probability (3 Cr)	MATH 139 Contemporary Topics in Math (3 Cr) [GE-M]
	Free Elective (3 Cr)	MATH 1472 History of Mathematics (3 Cr)	General Ed: Math Systems (3 Cr) [GE-M]
STA 220	Statistics in Modern Society (3 Cr) [GE-M]	MATH 1475 Statistics for Social Sciences (3 Cr)	MATH 240 Statistical Methods I (3 Cr) [GE-M]
CSC 200	Intro. To Programming for Engineers (3 Cr)	MATH 1510 Scientific Programming (3 Cr)	CSCI 302 C++ Programming (3 Cr)
STA 308 BUS 210	Introductory Statistics (3 Cr) or Managerial Statistics I (3 Cr)	MATH 1550 Statistical Analysis I (3 Cr)	MATH 240 Statistical Methods I (3 Cr) or MATH 248 Business Statistics (3 Cr)
BAC 212	Managerial Statistics II (4 Cr)	MATH 1560 Statistics Analysis II (3 Cr)	MGT 249 Business Statistics II (3 Cr)
	Free Elective (3 Cr)	MATH 1600 Business Mathematics (3 Cr)	Free Elective (3 Cr)
	Free Elective (3 Cr)	MATH 1620 Mathematics of Finance (3 Cr)	Free Elective (3 Cr)
	Free Elective (3 Cr)	MATH 1670 Quantitative Business Analysis I (3 Cr)	MATH 177 Quant. Business Analysis I (3 Cr) [GE-M]
BAC 111	Business Analysis with Applications (3 Cr)	MATH 1680 Quantitative Business Analysis II (3 Cr)	MATH 238 Quantitative Bus Analysis II (3 Cr)
	Free Elective (6 Cr)	MATH 1700 Algebra for Technology (3 Cr)+	MATH 181 Applied Basic Mathematics (3 Cr) [GE-M]

		MATH 1710 Trigonometry for Technology (3 Cr)	
MTH 111	Pre-Calculus (3 Cr) [GE-M]	MATH 1900 Pre-Calculus Mathematics (3 Cr)	MATH 209 Pre-Calculus Mathematics (3 Cr)
MTH 141	Introduction to Calculus (4 Cr) [GE-M]	MATH 1910 Calculus I (4 Cr)	MATH 212 Calculus I (4 Cr) [GE-M]
MTH 142	Intermediate Calculus (4 Cr) [GE-M]	MATH 1920 Calculus II (4 Cr)	MATH 213 Calculus II (4 Cr)
MTH 243	Calculus (3 Cr)	MATH 2910 Calculus III (3 Cr)	MATH 314 Calculus III (3 Cr)
MTH 362	Advanced Engineering Math I (3 Cr) + Free Elective (1)	MATH 2990 Advanced Engineering Math (4 Cr)	Free Elective (4 Cr)
MTH 109	Politics and Mathematics (3 Cr)		Free Elective (3)
MTH 110	Math Found for Business Analysis (3 Cr)		
MTH 131	Basic Calculus I (3 Cr) [GE-M]	Free Elective (3 Cr)	MATH 247 Calculus: A Short Course (3 Cr) [GE-M]
MTH 132	Applied Calculus II (3 Cr) [GE-M]	Free Elective (3 Cr)	Free Elective (3 Cr)
MTH 215	Introduction to Linear Algebra (3 Cr)	Free Elective (3 Cr)	MATH 315 Linear Algebra (3 Cr)

URI		CCRI	RIC
MTH 244	Differential Equations (3 Cr)	Free Elective (3 Cr)	MATH 416 Ordinary Differential Equations (3 Cr)
MTH 307	Introduction to Rigor in Mathematics (3 Cr)	Free Elective (3 Cr)	MATH 300 Bridge to Advanced Mathematics (3 Cr)
MTH 316	Algebra (3 Cr)	Free Elective (3 Cr)	MATH 432 Introduction to Abstract Algebra (3 Cr)
MTH 322	Concepts of Geometry (3 Cr)	Free Elective (3 Cr)	MATH 324 College Geometry (3 Cr)
MTH 362 MTH 363	Advanced Engineering Math I (3 Cr) or Advanced Engineering Mathematics II (3 Cr)	Free Elective (3 Cr)	<i>Courses assessed on individual basis by Mathematics Department</i>
MTH 381	History of Mathematics (3 Cr)	Free Elective (3 Cr)	MATH 458 History of Mathematics (3 Cr)
MTH 382	Number Theory 3 Cr)	Free Elective (3 Cr)	MATH 431 Number Theory (3 Cr)
MTH 435	Introduction to Mathematics Analysis (3 Cr)	Free Elective (3 Cr)	MATH 512 Foundations of Higher Analysis (3 Cr)
MTH 437	Advanced Calculus and Application 3 Cr)	Free Elective (3 Cr)	MATH 411 Advanced Calculus (3 Cr)
	Free Elective (3 Cr)		MATH 143 Math Elem School Teach (I 3 Cr)
	Free Elective (3 Cr)	Free Elective (3 Cr)	MATH 143 Math for Elementary Ed Teachers I (3 Cr)
	Free Elective (3 Cr)		MATH 144 Math Elem School Teach II (3 Cr)
	Free Elective (3 Cr)	Free Elective (3 Cr)	MATH 144 Math for Elementary Ed Teacher II (3 Cr)
	Free Elective (3 Cr)		MATH 181 Applied Basic Math (3 Cr)
	Free Elective (3 Cr)	Free Elective (3 Cr)	MATH 519 Set Theory (3 Cr)
	MATH 100-Level Credit (4 Cr)	Free Elective (4 Cr)	MATH 200 Finite Math for Comp Science (4 Cr)