

## Content Review Matrix F: Advisories & Requisites Computation Skills Template

<b>Adv./Requisite Course: Name/Number of Course</b>  <u>Mathematics 210 or equivalent</u> is proposed as a(n):  Advisory _____ Prerequisite _____ Co-Requisite _____	<b>For Target Course: Name/Number of Course</b>  _____
List <b>knowledge/skills</b> developed in the prerequisite, co-requisite, or advisory course. Use the course objectives (from the official course outline) that will be expected as <b>entrance skills</b> to the Target course.	List the skills/activities/assignments that are covered in this Target Course that <b>require</b> the knowledge/skills taught in the prerequisite or co-requisite or advisory course.
1) Develop systematic problem solving methods	
2) Solve problems involving arithmetic operations, including fractions, percents and decimals	
3) Apply the order of operations to evaluate numerical expressions	
4) Solve problems involving operations with signed numbers	
5) Explore the characteristics and properties of real numbers	
6) Use estimation to determine approximate solutions and to check the reasonableness of answers	
7) Explore rates and ratios and use proportions to solve problems	
8) Explore the geometry of mathematical measurements and solve problems involving geometric figures and formulas.	
9) Explore the use of variables in expressions and evaluate algebraic express	
10) Interpret linear relationships in one variable numerically and algebraically	
11) Solve linear equations in two variables numerically, graphically using the Cartesian coordinate system, and algebraically	

See “Directions on Conducting a Basic Content Review.”

	Printed Name	Signature	Date
Curriculum Initiator	_____	_____	_____
Division Dean	_____	_____	_____
Matriculation Officer (Cheryl Woodward, office SSCB 220, x8780)	_____	_____	_____

**Note: We recommend you get approval for these advisories/prerequisites from the Matriculation Coordinator prior to submitting your course outline to the curriculum committee for review**