

## **EFFECTIVE: MAY 2006 CURRICULUM GUIDELINES**

Α.	Division:	Instructional Division	Effective Date:		May 2006	
В.	Department / Program Area:	Mathematics Faculty of Science & Technology	Revision	X	New Course	
	110gium 1 noui	racary or second to recimology	If Revision, Section(s) Revised:		F, J, M, N, P, Q	
			Date of Previous Revision Date of Current Revision		September 2004 May 27, 2005	
C:	MATH 1101	<b>D</b> : Basic Algebra			<b>E:</b> 3	
	Subject & Cour	rse No. Descriptiv	e Title	Sem	nester Credits	
F:	include: function polynomial and	nester course for students who need to ns and relations, domain and range; alg rational expressions; solving and grapl stems of equations; quadratic equation	gebraic techniques, factoring hing equations and inequali	g, expo ties in o	nents and radicals, one variable; solving	-

N:	Course Content:					
	<ol> <li>Sets of numbers: integers, rationals, reals</li> <li>Basic algebraic techniques - absolute values, expo</li> <li>Quadratic, polynomial, rational, and absolute valued.</li> <li>Inequalities</li> <li>Functions and relations; domains and ranges</li> <li>Graphing of linear, quadratic, and absolute value for Mathematical modeling (story problems)</li> <li>Basic geometric formulas</li> <li>Systems of equations in 2-variables</li> <li>Radicals, radical forms, and fractional exponents;</li> </ol>	e equations				
0:	Methods of Instruction:					
	Lecture					
P:	Textbooks and Materials to be Purchased by Students:					
	Bittinger and Ellenbogen, <u>Intermediate Algebra: Conc</u>	eepts and Applications, Seventh Edition, Addison				
	Wesley, 2006	,				
Q:	Q: Means of Assessment:  Evaluation will be carried out in accordance with Douglas College policy. The instructor will present a written course outline with specific evaluation criteria at the beginning of the semester. Evaluation will be based on some of the following:					
	1. Weekly Tests 0 - 40%					
	<ol> <li>Midterm Tests</li> <li>Assignments</li> <li>15%</li> </ol>					
	<ul> <li>4. Attendance 0 - 5%</li> <li>5. Class Participation 0 - 5%</li> </ul>					
	6. Final Examination 30%					
R:	Prior Learning Assessment and Recognition: specify w	hether course is open for PLAR				
	None					
	e Designer(s): Tomboulian	Education Council / Curriculum Committee Representative:				
J						
Dean	/ Director:	Registrar:				
Des V		Trish Angus				