





<p><b>N:</b> Course Content:</p> <ol style="list-style-type: none"> <li>1. Sets of numbers: integers, rationals, reals</li> <li>2. Basic algebraic techniques - absolute values, exponents, factoring methods, rational expressions</li> <li>3. Quadratic, polynomial, rational, and absolute value equations</li> <li>4. Inequalities</li> <li>5. Functions and relations; domains and ranges</li> <li>6. Graphing of linear, quadratic, and absolute value functions</li> <li>7. Mathematical modeling (story problems)</li> <li>8. Basic geometric formulas</li> <li>9. Systems of equations in 2-variables</li> <li>10. Radicals, radical forms, and fractional exponents; radical equations</li> </ol>												
<p><b>O:</b> Methods of Instruction:</p> <p>Lecture</p>												
<p><b>P:</b> Textbooks and Materials to be Purchased by Students:</p> <p>Bittinger and Ellenbogen, <u>Intermediate Algebra: Concepts and Applications</u>, Seventh Edition, Addison Wesley, 2006</p>												
<p><b>Q:</b> Means of Assessment:</p> <p>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:</p> <table style="margin-left: 40px;"> <tr> <td>1. Weekly Tests</td> <td>0 - 40%</td> </tr> <tr> <td>2. Midterm Tests</td> <td>20 - 70%</td> </tr> <tr> <td>3. Assignments</td> <td>0 - 15%</td> </tr> <tr> <td>4. Attendance</td> <td>0 - 5%</td> </tr> <tr> <td>5. Class Participation</td> <td>0 - 5%</td> </tr> <tr> <td>6. Final Examination</td> <td>30%</td> </tr> </table>	1. Weekly Tests	0 - 40%	2. Midterm Tests	20 - 70%	3. Assignments	0 - 15%	4. Attendance	0 - 5%	5. Class Participation	0 - 5%	6. Final Examination	30%
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<p><b>R:</b> Prior Learning Assessment and Recognition: specify whether course is open for PLAR</p> <p>None</p>												

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Course Designer(s):  
Larry Tombouliau

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Education Council / Curriculum Committee Representative:

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Dean / Director:  
Des Wilson

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Registrar:  
Trish Angus