**VC College Preparatory Mathematics: Beginning Algebra MATH 0301
Syllabus Guidelines**

**Target Students:** Students who are entering the 12th grade and have not demonstrated success on the Algebra I End of Course Exam.

**Prerequisites:** Students entering the 12th grade.

**Course Description as defined by Victoria College:**Beginning Algebra: Topics include real and complex number systems, fundamental algebraic skills, solving equations, inequalities, exponents, polynomials, factoring, graphing, word problems, quadratic equations and concepts from
geometry. Graphing Calculator use is *not* allowed in this course, including the departmental final examination.
A VC Departmental Final Exam grade of 75 or higher indicates that the student has met the VC criteria for Math
0301, and the student is prepared for VC Math 0303 Intermediate Algebra without further assessment or remediation.

**Course Goal as defined by Victoria College:**

The goal of MATH 0301 is to prepare students for the study of Intermediate Algebra (MATH 0303), a course that
builds the foundation for the study of College Algebra (MATH 1314).

**Course Goal Student Learning Outcomes & Learning Objectives as defined by Victoria College:**

Upon successful completion of this course, students will be able to:

1. Evaluate and perform operations on algebraic expressions.

2. Solve word problems, equations, and inequalities.

3. Perform algebraic operations on polynomials.

4. Factor polynomials.

**Course Instructional Materials approved by Victoria College:**

**Textbook:** *Developmental Mathematics for College Students*, 3rd edition, by Tussy, Gustafson and Koenig.
 **ISBN 9781439044377 Discounted Price:  $49.00**

**Final Exam Policy approved byVictoria College:**

Victoria College will administer the VC Department Final Exam to VISD students. If a student scores at least a 75
on the VC Final Exam, the student has met the VC criteria for Math 0301, and the student is prepared for VC Math
0303 Intermediate Algebra without further assessment or remediation at Victoria College.