**UT Math 1320: Course Inventory in CEMS**

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| Course # | Math 1320 |
| Course Title | College Algebra |
| Campuses (Main, Regional) | Main |
| Beginning Term (when is (was) it offered for the first time?) | Fall 1997 |
| Credit Hours (including the entire course, lecture/lab) | 3 |
| Co-/Pre-requisite | Intermediate Algebra or appropriate placement score. |
| Catalog Description | Number system; elementary theory of equations and inequalities; functions and relations; exponentials and logarithms; systems of equations and topics in analytic geometry. |
| Textbook/Lab Manual | ISBN: 9781259146275  Title: College Algebra  Publisher: McGraw-Hill  Author: Julie Miller  Edition: 1st edition  Copyright Year: 2014  Additional Notes: |
| Outside Readings/Ancillary Materials/ Instructional Resources | ALEKS |
| Instructional Goals or Objectives | The objective of this course is to develop the students' mathematical skills, with emphasis on problems relating to algebra and polynomials. Upon completion of the course, the student will be able to:  1. Simplify polynomial, rational, exponential and radical  expressions.  2. Simplify expressions and solve equations involving complex numbers.  3. Graph an equation in a two-dimensional coordinate system.  4. Identify the range and domain of a function.  5. Evaluate logarithms and solve exponential and logarithmic equations. |
| Description of Assessment and/or Evaluation of Student Learning | Online and written quizzes and homework: 5-20%  3-4 Midterm exams: 50-70%  Comprehensive final exam: 25-30% |
| Additional Information |  |

Please attach syllabi (including co-/pre-requisite and current working and master syllabi for Transfer Module courses).