San José State University
Undergraduate Studies
Early Start Mathematics (UNVS 6)
Fall 2012

<table>
<thead>
<tr>
<th>Instructor:</th>
<th>Tom Reisz</th>
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<tr>
<td>Office Location:</td>
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<tr>
<td>Office Hours:</td>
<td>n/a</td>
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<tr>
<td>Class Days/Time:</td>
<td>Wednesdays at varying times</td>
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<td>Classroom:</td>
<td>SSC Pre-College Computer Lab</td>
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**Course Description**

This course reviews topics from elementary and intermediate algebra using an online instructional platform called Assessment & Learning in Knowledge Spaces (ALEKS). (3 units)

**Prerequisite**

This course is intended for CSU developmental mathematics students who have already completed or are about to complete the 3A portion of SJSU’s 3A/3B sequence through ALEKS.

**Course Goals and Student Learning Objectives**

Students are expected to reach GE-level mastery in the following areas of pre-algebra and algebra:

- Arithmetic readiness
- Real numbers and linear equations
- Graphs and linear functions
- Systems of linear equations
- Exponents and polynomial expressions
- Rational expressions and functions
- Radicals and rational exponents
- Functions
- Quadratic equations and functions
- Exponential and logarithmic functions
- Conic sections and sequences

Through initial and ongoing diagnostic assessments, ALEKS will identify the topics in the course that you have already mastered, those that you have not yet mastered but are ready to learn, and those that you are not yet ready to learn. Using this information, ALEKS will provide customized learning sequence options that move you to full mastery of the course content as quickly and efficiently as possible.

**Classroom Protocol**

This class will be held in a computer lab. You will be expected to attend class a minimum of once per week for 90 minutes. Otherwise, UNVS 6 is a self-study course. (It is advised that you spend at least seven hours per week in ALEKS until the course is complete.)

While in the computer lab, please put away all cell phones, mp3 players, and other entertainment devices. Other than the ALEKS program, the only items you will need are paper and writing implements for solving problems and taking notes. The ALEKS program already contains a calculator and will make it available on problems for which calculator use is appropriate. You may not use your own calculator.

Learning is a collaborative project, and you may work with your classmates or ask for help from an instructor when ALEKS is in learning mode. When ALEKS is in testing mode, you must work alone.

In addition to one-to-one help, the instructor may also provide targeted mini-lessons on topics that groups of students are ready to learn.

No food or drinks are allowed in the computer lab.

**Dropping and Adding**

Students are responsible for understanding the policies and procedures about add/drop, grade forgiveness, etc. Refer to the current semester’s Catalog Policies section at http://info.sjsu.edu/static/catalog/policies.html. Add/drop deadlines can be found on the current academic calendar web page located at http://www.sjsu.edu/academic_programs/calendars/academic_calendar/. The Late Drop Policy is available at http://www.sjsu.edu/aars/policies/latedrops/policy/. Students should be aware of the current deadlines and penalties for dropping classes.

Information about the latest changes and news is available at the Advising Hub at http://www.sjsu.edu/advising/.

**Assignments and Grading Policy**

Students must complete the course by taking a comprehensive assessment and scoring at least 70% in each topical area. Students may retake the comprehensive exam as many
times as necessary to pass the course; however, students will not be allowed to take the exam until they can demonstrate through completed coursework that they are reasonably prepared to pass the exam.

Students who score at least 75% overall but fall short of 70% in one or two areas may take targeted topical tests to complete the course without having to take a full course comprehensive exam. The score needed to pass a topical test is 70%.

University Policies

Academic integrity

Your commitment as a student to learning is evidenced by your enrollment at San José State University. The University’s Academic Integrity policy, located at http://www.sjsu.edu/senate/S07-2.htm, requires you to be honest in all your academic course work. Faculty members are required to report all infractions to the office of Student Conduct and Ethical Development. The Student Conduct and Ethical Development website is available at http://www.sjsu.edu/studentconduct/.

Instances of academic dishonesty will not be tolerated. Cheating on exams or plagiarism (presenting the work of another as your own, or the use of another person’s ideas without giving proper credit) will result in a failing grade and sanctions by the University. For this class, all assignments are to be completed by the individual student unless otherwise specified. If you would like to include your assignment or any material you have submitted, or plan to submit for another class, please note that SJSU’s Academic Policy S07-2 requires approval of instructors.

Campus Policy in Compliance with the American Disabilities Act

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. Presidential Directive 97-03 requires that students with disabilities requesting accommodations must register with the Disability Resource Center (DRC) at http://www.drc.sjsu.edu/ to establish a record of their disability.

Student Technology Resources (Optional)

Computer labs for student use are available in the Academic Success Center located on the 1st floor of Clark Hall and on the 2nd floor of the Student Union. Additional computer labs may be available in your department/college. Computers are also available in the Martin Luther King Library.

A wide variety of audio-visual equipment is available for student checkout from Media Services located in IRC 112. These items include digital and VHS camcorders, VHS and Beta video players, 16 mm, slide, overhead, DVD, CD, and audiotape players, sound systems, wireless microphones, projection screens and monitors.

Learning Assistance Resource Center (Optional)
The Learning Assistance Resource Center (LARC) is located in Room 600 in the Student Services Center. It is designed to assist students in the development of their full academic potential and to inspire them to become independent learners. The Center's tutors are trained and nationally certified by the College Reading and Learning Association (CRLA). They provide content-based tutoring in many lower division courses (some upper division) as well as writing and study skills assistance. Small group, individual, and drop-in tutoring are available. Please visit the LARC website for more information at http://www.sjsu.edu/larc/.

SJSU Writing Center (Optional)

The SJSU Writing Center is located in Room 126 in Clark Hall. It is staffed by professional instructors and upper-division or graduate-level writing specialists from each of the seven SJSU colleges. Our writing specialists have met a rigorous GPA requirement, and they are well trained to assist all students at all levels within all disciplines to become better writers. The Writing Center website is located at http://www.sjsu.edu/writingcenter/about/staff/.

Peer Mentor Center (Optional)

The Peer Mentor Center is located on the 1st floor of Clark Hall in the Academic Success Center. The Peer Mentor Center is staffed with Peer Mentors who excel in helping students manage university life, tackling problems that range from academic challenges to interpersonal struggles. On the road to graduation, Peer Mentors are navigators, offering “roadside assistance” to peers who feel a bit lost or simply need help mapping out the locations of campus resources. Peer Mentor services are free and available on a drop–in basis, no reservation required. The Peer Mentor Center website is located at http://www.sjsu.edu/muse/peermentor/