Higher Level Math Placement Test
at Austin Community College

The A.C.C. math department now uses the *ALEKS Prep for Calculus* system for placement into math courses above the MATH 1314 College Algebra level.

Who needs to take this test? Anyone who wants to take one of the following courses and has not satisfied the course prerequisite yet:

- **MATH 2413 – Calculus I**
- **MATH 2412 – Precalculus**
- **MATH 1316 – Trigonometry**
- **MATH 1425 – Business Calculus**
- **MATH 1350 – Math for Middle Grade Teacher Certification I**

What score do I need to make to place into these classes?

- **MATH 2413 – Calculus I:** Overall score of 80%, with at least 60% in each of the 10 individual subject categories
- **MATH 2412 – Precalculus:** Overall score of 70%, with at least 50% in each of the 10 individual subject categories
- **MATH 1316 – Trigonometry, MATH 1425 – Business Calculus, or MATH 1350 – Math for Middle Grade Teacher Certification I:** Overall score of 65%, with at least 50% in each of the 9 individual subject categories, except for trigonometry

What happens if I don't do well enough on the test to place into the class I was hoping for? Good news: For your testing fee, you can take the test up to **3** times total. Better yet, your testing fee also gives you access to the ALEKS math program that allows you to review and practice the material that you missed when you took the test. So, after you take the test the first time, you can go home and review explanations of how to solve the problems and work practice problems inside ALEKS until you believe you are ready to try the test again. Then, you can go back to the A.C.C. Assessment Center and take the placement test again. You have up to forty-five days to use the system for review; you can use it for basic algebra review even after you start your class.

Can I practice for the test in advance? Yes, you can. See the back of this page for instructions on how to do this for free.

Tell me more – what are the details I need to know?

- **Price: $35** (includes up to 3 attempts at the placement test and gives you access to the ALEKS system for review and practice for 6 weeks) You can pay at any campus cashier office or online. To pay online, go to *www.austincc.edu* and go to the bottom of the home page and click *ACC Marketplace* in the blue section under *Tools and Resources*.
- **Where:** At any of the A.C.C. Assessment Centers. When you are ready to test, please call or visit the assessment center to schedule your test: http://www.austincc.edu/calendars/assessment-schedules/tsi-assessment-schedule
- **Retaking the test:** After you take the test the first time, you must wait at least 24 hours before you take it a second time; we strongly urge you to spend some time using ALEKS to review and practice before you take the test again (you can take longer than 24 hours). After you take the test the second time, you should spend at least 5 hours working in ALEKS before you go take the test a third time. We strongly urge you to at least complete your ALEKS "pie" enough so that

SECTION II: ADVISING FOR CONTINUING STUDENTS

Once the student begins the mathematics sequence, the student should progress in the sequence unless they retest. If the student retests, then the student should be "placed" anew according to the rules in SECTION I.

Advising for continuing students will be complicated by the fact that the rules that apply for the student are determined by the placement test the student took and the coursework the student has completed. So as you advise continuing students, you must check which placement test the student took, so the appropriate rules are applied.

It is NOT TRUE that any student who is TSI complete in mathematics can enroll in any first level credit math course. The courses for which the student qualifies to enroll depend on which placement test the student took or which course the student completed to become TSI complete.

TSI complete students who tested on COMPASS need a score of 69 to qualify for College Algebra MATH 1314 or Math for Business & Economics MATH 1324. But students who are TSI complete, because they tested on the new TSI Assessment and scored 350 or higher, may legally enroll in any first level math credit course.

Students who are TSI complete due to earning a C or better in Developing Mathematical Thinking MATD 0385 qualify to enroll in College Mathematics MATH 1332 or Elementary Statistics MATH 1342. But students who are TSI complete because they earned a C or better in Intermediate Algebra MATD 0390 qualify to enroll in any first level credit course.

Sequences of Developmental Mathematics/Mathematics Courses

NON-STEM DEV MATH SEQUENCE
MATD 0332 or MATD 0330 Basic Math
MATD 0385 Developing Mathematical Thinking
               followed by
MATH 1332 College Math OR
MATH 1342 Elementary Statistics

STEM DEV MATH SEQUENCE
MATD 0332 or MATD 0330 Basic Math
MATD 0370 Elementary Algebra
MATD 0390 Intermediate Algebra
               followed by
MATH 1314 College Algebra OR
MATH 1324 Math for Business & Economics

CALCULUS SEQUENCE
MATH 1314 College Algebra
MATH 1316 Trigonometry
MATH 2412 Precalculus
MATH 2413 Calculus I

BUSINESS CALCULUS SEQUENCE
MATH 1314 Coll Alg or MATH 1324 Math Bus & Econ
MATH 1425 Business Calculus I
MATH 1476 Business Calculus II

TEACHER CERTIFICATION SEQUENCE
MATH 1314 College Algebra
MATH 1350 Math for Teacher Certification I
MATH 1351 Math for Teacher Certification II

The Mathematics Department is very concerned about TSI exempt students or students with a new test score in the range 350 – 368 who want to enroll in College Algebra MATH 1314 or Math for Business & Economics MATH 1324. Make sure to give the student the Student Math Advising Handout.