

Math Advising

I. Students who have credit for college-level math courses at another college.

These students are eligible for any MATH course for which they meet the course prerequisite.

II. Students who are exempt from Placement Test based on TASP, SAT, or ACT scores.

These tests are not placement tests for algebra-intensive courses, but just measure general mathematical skill. Students who want more accurate placement should take the COMPASS.

TASP	SAT I	ACT	
230 - 269	500 - 569	19 - 20	Exempt from placement test requirements for MATD 0390, MATH 1332, 1333, 1335, 1336, or 1342.
270 + and high school Algebra II	570+ and high school Algebra II	21+ and high school Algebra II	Exempt from placement test requirements for MATH 1314 or MATH 1324
270+ and prerequisite courses	570+ and prerequisite courses	21+ and prerequisite courses	May enroll in any MATH course for which they have prerequisite course: such as 1316, 2412, 2413, 1425, etc.

III. Students who want to enroll in college-level math and who are exempt from Placement Test based on prior college degree or college courses before 1989 or TAAS test.

If the student has credit for high school Algebra II, may enroll in MATH 1332, MATH 1333, MATH 1335, MATH 1336, or MATH 1342.

To enroll in MATH 1314, 1316, 2412, 2413, or 1425, student must take the COMPASS test and meet the requirements for the course listed under COMPASS information.

IV. All other students must take the COMPASS. (See next two pages for placement information.) This includes students who failed the TASP, so that they may be accurately placed in the MATD sequence.

Math Advising Information Available on the Web

Information about which math courses will fit into which educational plans: Catalog, links to four-year schools, math flow chart (paper copy is available)

Adequate time: Two or three times as many hours per week outside class as in class.

Adequate math background: Catalog, Prerequisite Review Sheets (for most courses, these are available on the Web), List of prerequisites, Placement test scores (COMPASS), Exemptions from placement tests based on SAT, ACT, or TASP, with cutoff scores for College Algebra added. Also, advice is given for students who believe that the Assessment Test doesn't reflect their actual skills: study the appropriate Prerequisite Review Sheets and prepare to do another test.

TASP requirements: Basic information, required sequence of ACC developmental math courses (ends with Elementary Algebra, MATD 0370, or Topics in Developmental Math, MATD 0360, or Intermediate Algebra, MATD 0390), advice for students completing required sequence, requirements for students who complete required sequence and then fail TASP.

Other mathematics advising info: Individual faculty members will be putting up some information and links will be provided.

Mathematics Placement based on COMPASS scores

COMPASS Algebra Test: 0 to 25: Placement depends on COMPASS Prealgebra Test score.

- Prealgebra score 0 to 22: Basic Math Skills, MATD 0330, and required attendance in the lab from the beginning of the semester.
- Prealgebra score 23 to 59: Basic Math Skills, MATD 0330
- Prealgebra score 60 to 100: Elementary Algebra, MATD 0370

COMPASS Algebra Test: 26 to 38: Elementary Algebra, MATD 0370, or Topics in Dev. Math, MATD 0360.

COMPASS Algebra Test: 39 to 44:

- Eligible for
Topics in Mathematics, MATH 1332
Math for Measurement, MATH 1333
Modern Math I or II, MATH 1335 or 1336
Elementary Statistics, MATH 1342
- **Possibly** eligible for Intermediate Algebra, MATD 0390. (See next page or the back of this page about **DECISION ZONES.**)
- Otherwise, student should enroll in Elementary Algebra, MATD 0370 to prepare for higher-level algebra courses.

COMPASS Algebra Test: 45 to 59:

- Eligible for
Topics in Mathematics, MATH 1332
Math for Measurement, MATH 1333
Modern Math I or II, MATH 1335 or 1336
Elementary Statistics, MATH 1342
- Otherwise, student should enroll in Intermediate Algebra, MATD 0390, in order to prepare for higher-level algebra-intensive courses.

COMPASS Algebra Test: 59 to 68:

- Eligible for
Topics in Mathematics, MATH 1332
Math for Measurement, MATH 1333
Modern Math I or II, MATH 1335 or 1336
Elementary Statistics, MATH 1342
- If student has passed Algebra II in high school, **possibly** eligible for Math for Business and Economics, MATH 1324, or College Algebra, MATH 1314. (See next page or the back of this page about **DECISION ZONES.**)
- Otherwise, the student should enroll in Intermediate Algebra, MATD 0390, in order to prepare for higher-level algebra-intensive courses.

COMPASS Algebra Test: 69 or above:

- Student can take any college-level math course for which he/she has the prerequisite course
- Student can take any of the following courses, independent of whether he/she has the prerequisite: MATH 1332, MATH 1333, MATH 1335, MATH 1336, MATH 1342, MATH 1324, MATH 1314.

COMPASS Algebra Test: 79 or above:

- Student can take Trigonometry, MATH 1316, independent of whether he/she has the prerequisite.

DECISION ZONES:

Math Placement based on other factors in addition to Assessment Scores

COMPASS Algebra Test: 39 to 44:

Eligible for MATH 1332, 1333, 1335, 1336, or 1342.

Need MATH 1324 or MATH 1314 or other math course (thus needs Intermediate Algebra, MATD 0390, to prepare):

- * If the student has passed a full semester of high school Elementary Analysis, Precalculus, Trigonometry, Analytic Geometry, or equivalent courses, then enroll in Intermediate Algebra, MATD 0390.
- * Otherwise he/she should enroll in Elementary Algebra, MATD 0370, to prepare for Intermediate Algebra, MATD 0390.

COMPASS Algebra Test: 59 to 68:

Eligible for MATH 1332, 1333, 1335, 1336, or 1342.

Need MATH 1324 or MATH 1314 or other math course:

- * If the student has passed a full semester of high school Elementary Analysis, Precalculus, Trigonometry, Analytic Geometry, or equivalent courses, then the cut-off for getting into MATH 1324 or 1314 is 59.
- * If the student has passed Algebra II, the cut-off score for enrolling in 1324 or 1314 is in the range 63 to 69, depending upon a number of factors. If the student answers "Yes" to at least four of these questions, then the cut-off score is 63. If the student only answers "Yes" to two or three of these questions, the cut-off score is 66. Otherwise, the cut-off score is 69.
 1. *Do you have extra study time available this semester in case you need more review than you thought? (More than the usual three hours for every hour in class that is necessary for most math courses.) Your advisor will review with you the number of hours per week you're working, how many courses you're planning to take, and any other time commitments.*
 2. *Did you complete Algebra II or Intermediate Algebra within the last 18 months?*
 3. *Did you make an A or B in Algebra II or Intermediate Algebra?*
 4. *Do you feel confident of your mathematical skills and your test-taking skills?*
 5. *Do you plan to enroll in an ACC mathematics lab to accompany your course?*
 6. *Do you have someone available to help you with your questions about your math course several times each week?*
 7. *Have you worked through the problems on the Prerequisite Review Sheet for this course?*
- * If the student hasn't passed high school Algebra II then he/she should enroll in Intermediate Algebra, MATD 0390, to satisfy the prerequisite for MATH 1324 or MATH 1314.