

UTA MATHEMATICS PLACEMENT PROGRAM GUIDE FOR ADVISORS

Effective Fall 2023

Students who are TSI Not Complete¹ must be enrolled in co-requisite courses combining a developmental course with a credit-bearing course. Students with TSI scores just above passing or with non-assessment-related exemptions may be advised to take a co-requisite course for extra support, especially if significant time has passed since their last math course.

- Math 0312 paired with 1302 for College Algebra
- Math 0312 paired with 1315 for Business Algebra
- Math 0311 paired with 1301 for a Contemporary Math six-hour course (the standard co-req), or
- Math 0100 paired with 1301 for a Contemporary Math four-hour option for students with TSI scores closer to passing (may not be offered every semester - see score benchmarks in the chart below)

All TSI Complete¹ students needing a math course at or below the Math 1426 – Calculus I level should take the ALEKS placement assessment through the link provided in the UTA Math Placement Program in Canvas. ALEKS scores from other schools will not be accepted. ALEKS PPL is free for all UT-Arlington students for 1 year. After an initial attempt, the ALEKS system provides a learning module for review and 4 free subsequent attempts to improve the score if needed. Holistic advising should consider these scores for course placement. Scores will be accepted indefinitely.

Successful completion of a mathematics placement exam (ALEKS PPL) is required for all students entering Math 1426 regardless of prior coursework⁴. If the 1426 placement requirement is unmet, the student must enroll in Math 1421 – Preparation for Calculus or another supporting course. Transfer credit for precalculus is not equivalent to 1421 and therefore does not satisfy the prerequisite. Additional math placement information is available online at www.uta.edu/math/LRC/mpt/. Students needing assistance should email Learning Resource Personnel in the Math department at mathplacement@uta.edu.

To Qualify to Enroll in:	Pre-requisites	Placement Assessment Score	Action To be Taken
Math 1301 Contemporary Mathematics	TSI Not Complete ¹	TSI2 ¹ < 940 (<i>TSI</i> < 340)	Enroll in Specific, Matching Sections of Math 0311 AND 1301 – See Class Notes
		TSI2 ¹ 940-949 (<i>TSI</i> 340-349)	Enroll in Specific, Matching Sections of Math 0100 AND 1301 – See Class Notes *Option to take 0311/1301 for extra support or in semesters 0100/1301 is not offered
	TSI Complete ¹	TSI2 ¹ 950-960 (<i>TSI</i> 350-360) or ALEKS < 50	Eligible to enroll in Math 1301, but co-req <i>recommended</i> for extra support, especially for ALEKS < 40
		TSI2 ¹ ≥ 961 (<i>TSI</i> ≥ 361) or ALEKS ≥ 50	Enroll in Math 1301
Math 1302 or 1402 College Algebra	TSI Not Complete ¹	TSI2 ¹ < 950 (<i>TSI</i> < 350)	Enroll in Specific, Matching Sections of Math 0312 AND 1302 – See Class Notes
	TSI Complete ¹	TSI2 ¹ 950-959 (<i>TSI</i> 350-359) or ALEKS < 46	Eligible to enroll in Math 1402, but 0312/1302 <i>recommended</i> for extra support
		TSI2 ¹ 960-969 (<i>TSI</i> 350-369) or ALEKS < 56	Enroll in Math 1402
		TSI2 ¹ ≥ 970 (<i>TSI</i> ≥ 370) or ALEKS ≥ 56	Enroll in Math 1302 or 1402
Math 1303 Trigonometry	C or better in Math 1301, 1302, 1402, 1308, or 1315 ²	None required with prerequisite coursework	Enroll in Math 1303
	TSI Complete ¹	MPT2 ⁴ MPTA ≥ 11 or ALEKS PPL ³ ≥ 61	

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To Qualify to Enroll in:	Pre-requisites	Placement Assessment Score	Action To be Taken
Math 1308 Elementary Statistics	*Strong recommendation to complete MATH 1301, 1302, 1402, or 1315 ² before enrolling in 1308		
	TSI Complete ¹	None required, but recommend ALEKS ≥ 40	Enroll in Math 1308
Math 1309 Statistical Literacy	*Strong recommendation to complete MATH 1301, 1302, 1402, or 1315 ² before enrolling in 1309		
	TSI Complete ¹ and in COLA or SSW	None required, but recommend ALEKS ≥ 40	Enroll in Math 1309
Math 1315 Algebra for Economics and Business	TSI Not Complete ¹	TSI2 ¹ < 950 (<i>TSI</i> < 350)	Enroll in Specific, Matching Sections of Math 0312 AND 1315 – See Class Notes
	TSI Complete ¹	TSI2 ¹ 950-963 (<i>TSI</i> 350-363) or ALEKS < 46	Eligible to enroll in Math 1315, but 0312/1315 <i>recommended</i> for extra support
		TSI2 ¹ > 963 (<i>TSI</i> > 363) or ALEKS ≥ 46	Enroll in Math 1315
Math 1316 Mathematics for Economics and Business	C or better in Math 1302, 1402, or 1315 ²	None required with prerequisite coursework	Enroll in Math 1316
	TSI Complete ¹	MPT2 ⁴ MPTA ≥ 17 or ALEKS PPL ³ ≥ 61	
Math 1327 Architectural Calculus with Analytic Geometry	C or better in Math 1303 or 1421	None required with prerequisite coursework	Enroll in Math 1327
	TSI Complete ¹	MPT2 ⁴ MPTA ≥ 17 & MPTT ≥ 13 or ALEKS PPL ³ ≥ 76	
Math 1421 Preparation for Calculus	C or better in Math 1301, 1302, 1402, or 1315 ²	None required with prerequisite coursework	Enroll in Math 1421
	TSI Complete ¹	MPT2 ⁴ MPTA ≥ 17 or ALEKS PPL ³ ≥ 61	
Math 1426 Calculus I	TSI Complete ¹ *All students must meet placement score requirements regardless of prior coursework	MPT2 ⁴ MPTA ≥ 17 & MPTT ≥ 13 or ALEKS PPL ³ ≥ 76	Enroll in Math 1426
		Students not meeting the above score requirements should enroll in Math 1421	

Notes:

1. Refer to TSI website for placement details: <https://www.uta.edu/student-success/advising/advising-resources/tsi>.
2. A student can earn credit for ONLY ONE of Math 1301, 1302, 1402, or 1315 as all are introductory algebra courses.
3. ALEKS PPL provides course placement information for all MATH courses at or below the 1426 level, as well as individualized review modules for students to refresh their math skills. Students may earn up to four additional attempts free of charge by completing a minimum of 5 hours of review work in their learning module for each subsequent attempt. There is a one week waiting period between each attempt.
4. The Math Placement Test (MPT) has been retired as of January 2023. MPT scores in a student's record in MyMav will still be honored for placement indefinitely. Note: The test ID for the Math Placement Test (2nd version) in MyMav is MPT2 and is for advisors only.

If you have any questions, please contact the Math Department at mathplacement@uta.edu or call 817-272-3261.

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ALEKS Quick Reference Table

ALEKS Score	Recommended MATH Courses
General Mathematics Track	
0 – 39	Contemporary Math, 0311/1301 Co-Requisite Courses <i>strongly recommended</i>
40 – 49	Contemporary Math, choose either 1301 or 0311/1301 Co-Requisites based on student background 1308-1309 Statistics (<i>strong recommendation</i> to complete MATH 1301, 1302, 1402, or 1315 first)
50 – 60	1301 Contemporary Math 1308-1309 Statistics (<i>recommendation</i> to complete MATH 1301, 1302, 1402, or 1315 first)
Calculus Track – Including Science, Engineering, Architecture, and Business	
0 – 45	College Algebra, 0312/1302 Co-Requisite Courses <i>strongly recommended</i> Business Algebra, 0312/1315 Co-Requisite Courses <i>strongly recommended</i>
46 – 55	College Algebra, choose either 1402 or 0312/1302 Co-Requisites based on student background (1302 is not recommended at this level due to shorter class time) Business Algebra, choose either 1315 or 0312/1315 Co-Requisites based on student background
56 – 60	1302 or 1402 College Algebra 1315 Business Algebra
61 – 75	1303 Trigonometry 1316 Business Calculus 1421 Preparation for Calculus
76 – 100	1327 Architectural Calculus
76 – 100	1426 Calculus I - Note that a placement test score is <i>required</i> for Calculus I

Courses in **green** may be taken without any prerequisite coursework or minimum placement score. Advisors will use ALEKS scores along with student background to recommend the appropriate version of the course. TSI-Complete students with scores below 50 for Contemporary Math or 56 for Algebra may be advised to take the co-requisite course for extra support, especially if significant time has passed since their last math course.

Courses in **blue** require *either* the corresponding ALEKS score *or* prerequisite coursework. Placing into these courses with ALEKS does not earn credit toward the prerequisite course; it simply allows students to start with these higher-level courses.

Calculus I requires a 76 or higher on ALEKS regardless of prior coursework, test scores, etc.

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Enrolling Students in Co-Requisite Courses

Co-Requisite Courses are required for student who are not TSI-Complete. However, students who are TSI-Complete may still be enrolled in Co-Requisite Courses if they need the extra support that these classes provide. Students in co-requisite classes will receive roughly double the amount of instructional time. The course content is the same as the stand-alone versions of the class but may be broken down into shorter units which are easier to digest. Co-requisite versions of courses may be right for students who:

- have been out of school for several years
- scored 960 or less on the TSIA2, 360 or less on the TSI
- scored in the lower ranges on ALEKS (see charts on previous pages)

Contemporary Math

Enroll in sections of MATH **0311** and MATH **1301** that have exactly the same “CO” section number.

Example: MATH 0311-CO1 and MATH 1301-CO1.

Business Algebra

Enroll in sections of MATH **0312** and MATH **1315** that have exactly the same “CO” section number.

Example: MATH 0312-CO2 and MATH 1315-CO2.

College Algebra

Enroll in sections of MATH **0312** and MATH **1302** that have exactly the same “CO” section number.

Also enroll in the corresponding lab section of MATH 1302. The lab section will start with a “C” and end with the same number as the lecture section.

Example: MATH 0312-CO3 and MATH 1302-CO3 and MATH 1302-C13.

The bottom line here is that the co-requisite sections must start with the letter C and the last digits MUST MATCH. Check the Class Notes in the section listing in MyMav to be sure.

Note that seats have been reserved in each section for TSI-Complete students. When enrolling these students, you may need to check the box beside **Permission Nbr** for each enrollment in order to register students for these reserved seats. There is no number necessary, you may simply check the box.