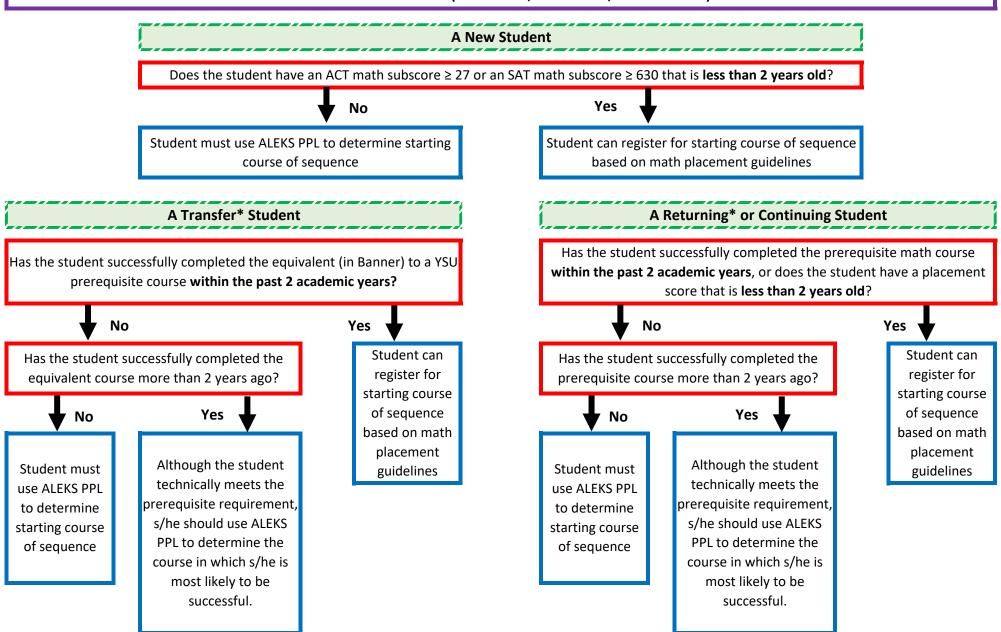# Decision Tool for Math Course Registration

Degrees that Require College Algebra (Math 1510), Calculus (Math 1552, Math 1570, or Math 1571), or Middle School Math (Math 1564, Math 2665, or Math 3767)

A New Student

Does the student have an ACT math subscore ≥ 27 or an SAT math subscore ≥ 630 that is **less than 2 years old**?

No → Student must use ALEKS PPL to determine starting course of sequence

Yes → Student can register for starting course of sequence based on math placement guidelines

---

A Transfer* Student

Has the student successfully completed the equivalent (in Banner) to a YSU prerequisite course **within the past 2 academic years?**

No → Has the student successfully completed the equivalent course more than 2 years ago?

No → Student must use ALEKS PPL to determine starting course of sequence

Yes → Although the student technically meets the prerequisite requirement, s/he should use ALEKS PPL to determine the course in which s/he is most likely to be successful.

Yes → Student can register for starting course of sequence based on math placement guidelines

---

A Returning* or Continuing Student

Has the student successfully completed the prerequisite math course **within the past 2 academic years**, or does the student have a placement score that is **less than 2 years old**?

No → Has the student successfully completed the prerequisite course more than 2 years ago?

No → Student must use ALEKS PPL to determine starting course of sequence

Yes → Although the student technically meets the prerequisite requirement, s/he should use ALEKS PPL to determine the course in which s/he is most likely to be successful.

Yes → Student can register for starting course of sequence based on math placement guidelines

---

*Please note (for transfer & returning students) that registration eligibility for Math 1510 and Math 1564 is <u>by placement (ACT, SAT, or ALEKS PPL) only.</u> There is no prereq course eligibilty for Math 1510 or Math 1564.
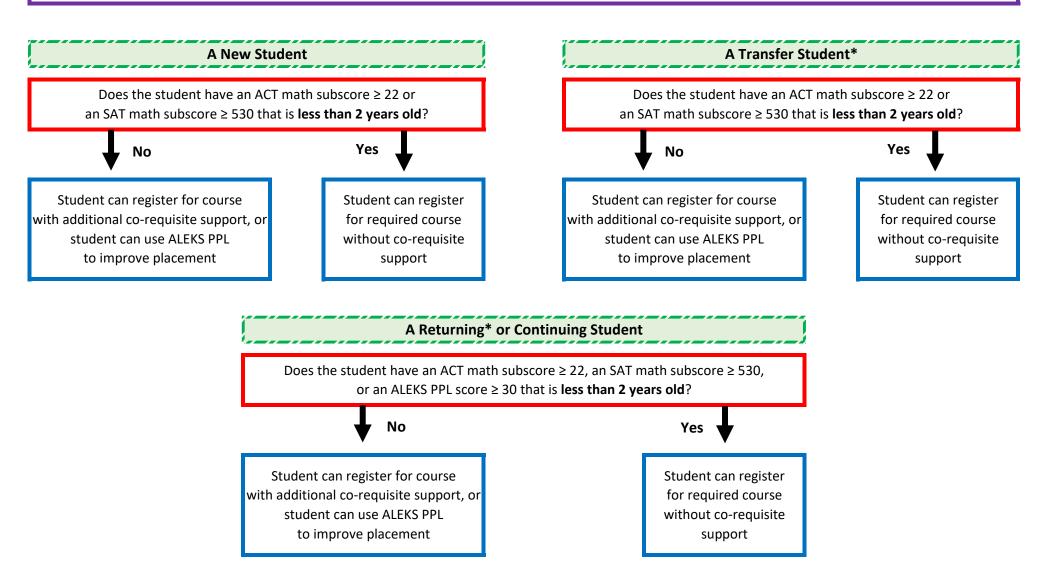
Decision Tool for Math Course Registration (page 2)

Pathways that Require Math 1570 or Math 1571

	L20 (ALEKS 30-45)	L35 (ALEKS 46-60)	L45 (ALEKS 61-75)	L70 (ACT math 27-29 SAT math 630-730 ALEKS 76-100)
First Semester	Math 1510C (6)	Math 1510 (4)	Math 1513 (5)	Math 1570 (4) or Math 1571 (4)
Second Semester	Math 1511C (4)	Math 1511 (3)	Math 1570 (4) or Math 1571 (4)	
Third Semester	Math 1570 (4) or Math 1571 (4)	Math 1570 (4) or Math 1571 (4)		
Total Credits & Semesters	14 Credits in 3 Semesters	11 Credits in 3 Semesters	9 Credits in 2 Semesters	4 Credits in 1 Semester

Pathways that Require Math 1552

	L20 (ALEKS 30-45)	L35 (ALEKS 46-60)	L45 (ALEKS 61-75)
First Semester	Math 1510C (6)	Math 1510 (4)	Math 1552 (4)
Second Semester	Math 1552 (4)	Math 1552 (4)	
Total Credits & Semesters	10 Credits in 2 Semesters	8 Credits in 2 Semesters	4 Credits in 1 Semester

Decision Tool for Math Course Registration

effective Summer 2021

Degrees that Require Quantitative Reasoning (Math 2623),
Statistical Literacy & Critical Reasoning (Stat 2625), or Early Childhood Math (Math 2661)

A New Student

Does the student have an ACT math subscore ≥ 22 or
an SAT math subscore ≥ 530 that is **less than 2 years old**?

No

Student can register for course with additional co-requisite support, or student can use ALEKS PPL to improve placement

Yes

Student can register for required course without co-requisite support

A Transfer Student*

Does the student have an ACT math subscore ≥ 22 or
an SAT math subscore ≥ 530 that is **less than 2 years old**?

No

Student can register for course with additional co-requisite support, or student can use ALEKS PPL to improve placement

Yes

Student can register for required course without co-requisite support

A Returning* or Continuing Student

Does the student have an ACT math subscore ≥ 22, an SAT math subscore ≥ 530,
or an ALEKS PPL score ≥ 30 that is **less than 2 years old**?

No

Student can register for course with additional co-requisite support, or student can use ALEKS PPL to improve placement

Yes

Student can register for required course without co-requisite support

Please note (for transfer & returning students) that registration eligibility for Math 2623, Stat 2625, & Math 2661 is by placement (ACT, SAT, or ALEKS PPL) only.
   There is no prereq course eligibilty for Math 2623, Stat 2625 or Math 2661.

Decision Tool for Math Course Registration (page 2)

Pathways that Require Math 2623

	L10 (ACT math 0-21, SAT math 0-520, ALEKS 0-29)	L15 (ACT math 22-26, SAT math 530-620) OR L20 (ALEKS 30-45)
First Semester	Math 2623C (5)	Math 2623 (3)
Total Credits & Semesters	5 Credits in 1 Semester	3 Credits in 1 Semester

Pathways that Require Stat 2625

	L10 (ACT math 0-21, SAT math 0-520, ALEKS 0-29)	L15 (ACT math 22-26, SAT math 530-620) OR L20 (ALEKS 30-45)
First Semester	Stat 2625C (6)	Stat 2625 (4)
Total Credits & Semesters	6 Credits in 1 Semester	4 Credits in 1 Semester

Pathways that Require Math 2661

	L10 (ACT math 0-21, SAT math 0-520, ALEKS 0-29)	L15 (ACT math 22-26, SAT math 530-620) OR L20 (ALEKS 30-45)
First Semester	Math 2661C (6)	Math 2661 (4)
Total Credits & Semesters	6 Credits in 1 Semester	4 Credits in 1 Semester