

Work-Place Experience Courses

Description: The Work-Study Program provides students with an integrated educational experience by combining academic coursework with hands-on professional training. This program is designed to offer students the opportunity to gain valuable work experience, develop practical skills, and apply their classroom knowledge in a real-world setting. Participants will engage in employment aligning with their academic and career interests.

Step 1: Proposal to your advisor

- Draft up a proposal of what you'd like to do
 - It must have the following:
 - Number of hours you're going to work
 - Note: 60 hours = 0.5 credit
 - 120 hours = 1 credit
 - Class of 2025: Up to 3 credits
 - Class of 2026+ Up to 4 credits
 - Where you are going to work & why you've chosen to work there
 - What you would like to get out of this experience
 - Monthly check-in dates with your Advisor to talk about your progress
 - Explanation/plan of how you will remind yourself about the weekly hour track & reflection (see below) - if you don't do these, your hours won't be counted.

Step 2: Weekly Hour Track & Reflection

- You must track your hours while you're working
 - Exception: Seniors who need the credit
- Each week (by Thursday at 4 pm) you must send a weekly reflection to your Advisor. Reflect on your week, what you did, what you learned. All hours must be updated & submitted with this reflection.

Step 3: Pre & Post Evaluations

- You will create some kind of evaluation to give to your boss to evaluate you. What skills do you want to work on? Include those in the evaluation! Your advisor must approve the evaluation.
- Your boss will complete a PRE & POST evaluation of you to see how much you've grown through this experience
- If the boss doesn't fill it out/isn't able to...students fill out the evaluation form themselves (with a conversation with their advisor).

All of the above must be completed & submitted as required throughout the semester & by the end of the semester during write-up week. Advisors will not accept this work outside of the end-of-semester time block.

On Transcript, it is PASS/FAIL for Work Place Experience

Independent Study Courses

Description: The Independent Study course offers students a unique opportunity to pursue a self-directed learning experience on a topic of their choice under the guidance of a faculty mentor. This course is designed for highly motivated students who wish to delve deeper into a specific area of interest that may not be covered in the traditional curriculum.

Students will develop a customized learning plan, conduct in-depth research, and produce a final project or paper that demonstrates their understanding and insights. Throughout the course, students will engage in regular meetings with their mentor to discuss progress, refine their research, and receive feedback. The Independent Study fosters critical thinking, self-discipline, and advanced research skills.

Step 1: Proposal to your advisor

- Draft up a proposal of what you'd like to do
 - It must have the following:
 - Number of hours you're going to work
 - Note: 60 hours = 0.5 credit
 - 120 hours = 1 credit
 - Up to 3 credits
 - Complete the following [proposal](#)

Step 2: Weekly Hour Track & Reflection

- You must track your hours while you're working
- Each week (by Thursday at 4 pm) you must send a weekly reflection to your Advisor. Reflect on your week, what you did, what you learned. All hours must be updated & submitted with this reflection.

All of the above must be completed & submitted as required throughout the semester & by the end of the semester during write-up week. Advisors will not accept this work outside of the end-of-semester time block.

On Transcript, it is PASS/FAIL for Content of Chosen Topic

Subject

COURSE LIBRARY

2026 - 2027

We don't change the standards.

We change how they are taught.



COURSE LIBRARY

A course library built for this generation- We don't change the subjects. We change how they're taught.

Core Curriculum and Electives

English Language Arts

Middle School

- English LangArts 6 (FY)
- English LangArts 7 (FY)
- English LangArts 8 (FY)

High School

- English I (FY)
- English II (FY)
- English III (FY)
- English IV (FY)
- College Writing (FY)
- AP English Lang and Comp (FY)

Science

Middle School

- Earth and Space Science (FY)
- Life Science (FY)
- Physical Science (FY)
- Environmental Science (FY)

High School

- Environmental Science (FY)
- Physical Science (FY)
- Life Science (FY)
- Biology (FY)
- Chemistry (FY)
- Physics (FY)
- Earth and Space Science (FY)

Mathematics

Middle School

- Math 6 (FY)
- Math 7 (FY)
- Math 8 (FY)

High School

- Algebra Foundations (PreAlgebra) (FY)
- Algebra I (FY)
- Algebra II (FY)
- Geometry (FY)
- FinancialAlgebra (FY)
- Advanced Math&Trig (FY)
- Pre Calculus (FY)
- Integrated Math (FY)
- Integrated Math II (FY)
- Integrated Math III (FY)
- AP Statistics (FY)

World Lanaguge

- Spanish I (FY)
- Spanish II (FY)
- Spanish III (FY)
- French I (FY)
- French II (FY)
- AP French Lang & Culture (FY)
- ASL I (FY)

Core Curriculum and Electives

Social Studies

Middle School

- Ancient World History (FY)
- World Cultures & Geography (FY)
- United States History (FY)

High School

- World History (FY)
- United States History (FY)
- U.S Gov & Politics (Sem)
- Economics (Sem)
- Ethnic Studies (Sem)
- Psychology (FY)
- Philosophy (FY)
- AP U.S Gov & Politics (FY)
- AP Psychology (FY)

Electives

Middle School

- Introduction to Public Speaking & Communication (Sem)
- Digital Media Literacy (Sem)
- Learning Strategies (Sem)

High School

- Cryptocurrency (Sem)
- Financial Literacy I (Sem)
- Financial Literacy II (Sem)
- Intro to Engineering (Sem)
- Intro to Computer Science (Sem)
- Intro to NFTs (Sem)
- Senior Seminar (Sem)

Visual & Performing Arts

Middle School

- Introduction to Art (FY)

High School

- Drawing I (Sem)
- Photography I (Sem)
- Art History (FY)
- Music Production/Digital Media (Sem)
- AP Music Theory (FY)
- AP Art History (FY)

Health & Physical Education

- Health (Abstinence Plus Sex Education) (Sem)
- Health (Abstinence Only Sex Education) (Sem)
- Health (Comprehensive)(Sem)
- Physical Education I (FY)
- Physical EducationII (FY)

Credit Recovery

English Language Arts

- CR English I A/B
- CR English II A/B
- CR English III A/B
- CR English IV A/B

Science

- CR Environmental Science A/B
- CR Physical Science A/B
- CR Life Science A/B
- CR Biology A/B
- CR Chemistry A/B
- CR Physics A/B
- CR Earth and Space Science A/B
- CR Environmental Science A/B

Mathematics

- CR Algebra Foundations (Pre Alg) A/B
- CR Algebra I A/B
- CR Algebra II A/B
- CR Geometry A/B
- CR Pre Calculus A/B
- CR Integrated Math I A/B
- CR Integrated Math II A/B
- CR Integrated Math III A/B
- CR Financial Algebra A/B *COMING SOON*

Social Studies

- CR World History A/B
- CR United States History A/B
- CR U.S Gov & Politics A
- CR Economics A/B

Credit Recovery

| World Language

- CR Spanish I A/B
- CR Spanish II A/B
- CR Spanish III A/B *COMING SOON*
- CR French I A/B
- CR French II A/B
- CR ASL I A/B *COMING SOON*

| Visual & Performing Arts

- CR Drawing I A
- CR Photography I A
- CR Introduction to Art A/B *COMING SOON*

| Electives

- CR Senior Seminar A *COMING SOON*
- CR Digital Media Literacy A *COMING SOON*
- CR Intro to Public Speaking & Com A *COMING SOON*
- CR Financial Literacy I A *COMING SOON*
- CR Financial Literacy II A *COMING SOON*

| Health & Physical Education

- CR Health (Abstinence Plus Sex Education) A
- CR Health Education (Abstinence Only Sex Education) A
- CR Health (Comprehensive) A
- CR Physical Education A/B *COMING SOON*

Subject

Career Technical Education

Career and Technical Education is no longer viewed as an alternative track. Across states, it's increasingly seen as a core strategy for student engagement, workforce readiness, and economic resilience.

Schools are not just being asked to offer more CTE. They're being asked to offer better CTE.

Subject is built to support that shift by helping schools offer CTE programs that are intentional, relevant, and sustainable, programs that respect both the realities of funding and the aspirations of students.

Our CTE Pathways (2026-2027 Preview)

Agriculture, Food, & Natural Resources Career Cluster

Pathway: Plant Systems

The Science and Business of Growth Explore the intersection of plant science, environmental sustainability, and horticulture business. This pathway utilizes a docuseries approach to guide students through soil science and advanced plant growth. Students gain hands-on insights into careers in landscaping and agriculture, learning to apply scientific theory to the practical management of natural resources.

Principles of Agriculture
Food, and Natural

Horticulture Science

Advanced Plant &
Soil Science

Business, Marketing, & Finance Career Cluster

Pathway: Management & Entrepreneurship; Business Administration

The Engine of Innovation Step into the role of a founder and leader. In this pathway, students explore how businesses work in the global economy—from the first spark of an idea to the challenges of running and growing a company. Through “day in the life” case studies and a focus on ethical leadership, students learn key business terms and practice the communication skills they need to succeed in today's business world.

Principles of
Marketing &
Business

Entrepreneurship I

Accounting
Fundamentals

Management
Fundamentals

Subject

Health Science Career Cluster

Pathway: Health Data and Administration

The Digital Pulse of Modern Medicine Discover how technology and healthcare connect to improve patient outcomes. This pathway bridges the gap between clinical theory and administrative practice, teaching students to manage vital patient data, protect privacy, and utilize digital health tools. Through simulations and medical terminology mastery, students develop the ethical framework and professional care required for the therapeutic and diagnostic healthcare fields.

Principles of Health
Science

Medical
Terminology

Health Informatics

Information Technology Career Cluster

Pathway: Cybersecurity (Digital Technology)

From Consumer to Security-Conscious Problem Solver Welcome to the exciting world of IT, where cybersecurity professionals work in network operations, security, and cyber defense. Students don't just learn about computers; they learn how to build them from scratch, configure complex networks, and diagnose real-world security threats. By mastering the "why" and "how" of modern hardware and operating systems, students develop the professional collaboration skills and technical vocabulary needed to protect the systems that power our world.

Fundamentals of
Computer Science

Networking
Fundamentals

Security
Fundamentals

Human Services Career Cluster

Pathway: Cosmetology Introduction (single course)

The Artistry of Color and Conduct Launch a career in beauty by blending creative artistry with technical discipline. This introductory pathway focuses on the science of hair, makeup, color theory, and other core cosmetology practices while establishing professional salon protocols. Students prioritize client communication and consultation skills, building the professional habits and technical foundation necessary for future licensure and salon management.

Principles of Cosmetology Design and Color Theory

Multilingual AI

Spanish

English

- English 6 (FY)
- English 7 (FY)
- English 8 (FY)
- English I A
- CR English I A
- English II A
- CR English II A
- English III A
- CR English III A
- English IV A
- CR English IV A

Math

- Algebra Foun. A
- CR Algebra Foun. A
- Algebra I A
- CR Algebra I A
- Algebra II A
- CR Algebra II A
- Geometry A
- CR Geometry A
- Int. Math I A
- CR Int. Math I A
- Int. Math II A
- CR Int. Math II A
- Int. Math III A
- CR Int. Math III A
- Pre-Calculus A
- CR Pre-Calculus A

Science

- Biology A
- CR Biology A
- Chemistry A
- CR Chemistry A
- Physics A
- CR Physics A

English

- English IB
- CR English I B
- English II B
- CR English II B
- English III B
- CR English III B
- English IV B
- CR English IV B

Math

- Algebra Foun. B
- CR Algebra Foun. B
- Algebra I B
- CR Algebra I B
- Algebra II B
- CR Algebra II B
- Geometry B
- CR Geometry B
- Int. Math I B
- CR Int. Math I B
- Int. Math II B
- CR Int. Math II B
- Int. Math III B
- CR Int. Math III B
- Pre-Calculus B
- CR Pre-Calculus B

Science

- Biology B
- CR Biology B
- Chemistry B
- CR Chemistry B
- Physics B
- CR Physics B

Social Studies

- Ethnic Studies A
- Economics A
- CR Economics A
- U.S. History A
- CR U.S. History A
- U.S Gov & Politics A
- CR U.S Gov & Politics A
- World History A
- CR World History A
- Ancient World History A

Electives

- Financial Literacy I A
- Financial Literacy II A
- Drawing I A
- Photography A
- Senior Seminar A

PE/Health

- Health A
- Physical Education I A
- Physical Education II A

Social Studies

- Ethnic Studies B
- Economics B
- CR Economics B
- US. History B
- CR U.S History B
- U.S Gov & Politics B
- CR U.S Gov & Politics B
- World History B
- CR World History B

PE/Health

- Physical Education I B
- Physical Education II B

Multilingual AI

Ukrainian

English

- English I A
- CR English I A
- English II A
- CR English II A
- English III A
- CR English III A
- English IV A
- CR English IV A

Math

- Algebra I A
- CR Algebra I A
- Algebra II A
- CR Algebra II A
- Geometry A
- CR Geometry A
- Int. Math I A
- CR Int. Math I A
- Int. Math II A
- CR Int. Math II A
- Int. Math III A
- CR Int. Math III A
- Pre-Calculus A
- CR Pre-Calculus A

Science

- Biology A
- CR Biology A
- Chemistry A
- CR Chemistry A
- Physics A
- CR Physics A

English

- English I B
- CR English I B
- English II B
- CR English II B
- English III B
- CR English III B
- English IV B
- CR English IV B

Math

- Algebra I B
- CR Algebra I B
- Algebra II B
- CR Algebra II B
- Geometry B
- CR Geometry B
- Int. Math I B
- CR Int. Math I B
- Int. Math II B
- CR Int. Math II B
- Int. Math III B
- CR Int. Math III B
- Pre-Calculus B
- CR Pre-Calculus B

Science

- Biology B
- CR Biology B
- Chemistry B
- CR Chemistry B
- Physics B
- CR Physics B

Social Studies

- Ethnic Studies A
- Economics A
- CR Economics A
- U.S. History A
- CR U.S. History A
- U.S Gov & Politics A
- CR U.S Gov & Politics A
- World History A
- CR World History A

Electives

- Financial Literacy I A
- Financial Literacy II A

PE/Health

- Health A
- Physical Education I A
- Physical Education II A

Social Studies

- Ethnic Studies B
- Economics B
- CR Economics B
- US. History B
- CR U.S History B
- U.S Gov & Politics B
- CRU.S Gov & Politics B
- World History B
- CR World History B

PE/Health

- Physical Education I B
- Physical Education II B

Multilingual AI

Russian

English

- English I A
- CR English I A
- English II A
- CR English II A
- English III A
- CR English III A
- English IV A
- CR English IV A

Math

- Algebra I A
- CR Algebra I A
- Algebra II A
- CR Algebra II A
- Geometry A
- CR Geometry A
- Int. Math I A
- CR Int. Math I A
- Int. Math II A
- CR Int. Math II A
- Int. Math III A
- CR Int. Math III A
- Pre-Calculus A
- CR Pre-Calculus A

Science

- Biology A
- CR Biology A
- Chemistry A
- CR Chemistry A
- vPhysics A
- CR Physics A

English

- English I B
- CR English I B
- English II B
- CR English II B
- English III B
- CR English III B
- English IV B
- CR English IV B

Math

- Algebra I B
- CR Algebra I B
- Algebra II B
- CR Algebra II B
- Geometry B
- CR Geometry B
- Int. Math I B
- CR Int. Math I B
- Int. Math II B
- CR Int. Math II B
- Int. Math III B
- CR Int. Math III B
- Pre-Calculus B
- CR Pre-Calculus B

Science

- Biology B
- CR Biology B
- Chemistry B
- CR Chemistry B
- Physics B
- CR Physics B

Social Studies

- Ethnic Studies A
- Economics A
- CR Economics A
- U.S. History A
- CR U.S. History A
- U.S Gov & Politics A
- CR U.S Gov & Politics A
- World History A
- CR World History A

Electives

- Financial Literacy I A
- Financial Literacy II A

PE/Health

- Health A
- Physical Education I A
- Physical Education II A

Social Studies

- Ethnic Studies B
- Economics B
- CR Economics B
- US. History B
- CR U.S History B
- U.S Gov & Politics B
- CRU.S Gov & Politics B
- World History B
- CR World History B

PE/Health

- Physical Education I B
- Physical Education II B

Multilingual AI

Arabic

English

- English I A
- CR English I A
- English II A
- CR English II A
- English III A
- CR English III A
- English IV A
- CR English IV A

Math

- Algebra I A
- CR Algebra I A
- Algebra II A
- CR Algebra II A
- Geometry A
- CR Geometry A
- Int. Math I A
- CR Int. Math I A
- Int. Math II A
- CR Int. Math II A
- Int. Math III A
- CR Int. Math III A
- Pre-Calculus A
- CR Pre-Calculus A

Science

- Biology A
- CR Biology A
- Chemistry A
- CR Chemistry A
- Physics A
- CR Physics A

English

- English I B
- CR English I B
- English II B
- CR English II B
- English III B
- CR English III B
- English IV B
- CR English IV B

Math

- Algebra I B
- CR Algebra I B
- Algebra II B
- CR Algebra II B
- Geometry B
- CR Geometry B
- Int. Math I B
- CR Int. Math I B
- Int. Math II B CR Int
- Math II B Int.
- Math III B CR
- Int. Math III B
- Pre-Calculus B
- CR Pre-Calculus B

Science

- Biology B
- CR Biology B
- Chemistry B
- CR Chemistry B
- Physics B
- CR Physics B

Social Studies

- Ethnic Studies A
- Economics A
- CR Economics A
- U.S. History A
- CR U.S. History A
- U.S Gov & Politics A
- CR U.S Gov & Politics A
- World History A
- CR World History A

Electives

- Financial Literacy I A
- Financial Literacy II A

PE/Health

- Health A
- Physical Education I A
- Physical Education II A

Social Studies

- Ethnic Studies B
- Economics B
- CR Economics B
- US. History B
- CR U.S History B
- U.S Gov & Politics B
- CR U.S Gov & Politics B
- World History B
- CR World History B

PE/Health

- Physical Education I B
- Physical Education II B

Subject

Multilingual AI

Bengali

English

- English I A

English

- English I B
- CR English I B

Cantonese

PE/Health

- Health A

Farsi

Science

- Biology A
- Biology B

Science

- Physics A
- Physics B

Farsi

Math

- Algebra I A
- CR Algebra I A

Math

- Algebra I B
- CR Algebra I B

English

- English I A
- CR English I A

English

- English I A
- CR English I B

Subject

Multilingual AI

Mandarin

Math

- Algebra I A
- CR Algebra I A
- CR Geometry A

English

- College Writing A
- CR English II A

Social Studies

- CR U.S History A
- CR World History A

Math

- Algebra I B
- CR Algebra I B
- CR Geometry B

English

- College Writing B
- CR English II B

Social Studies

- CR U.S History B
- CR World History B

Vietnamese

Science

- Biology A

PE/Health

- Health A

English

- English I B

Tagalog

Math

- Geometry A

English

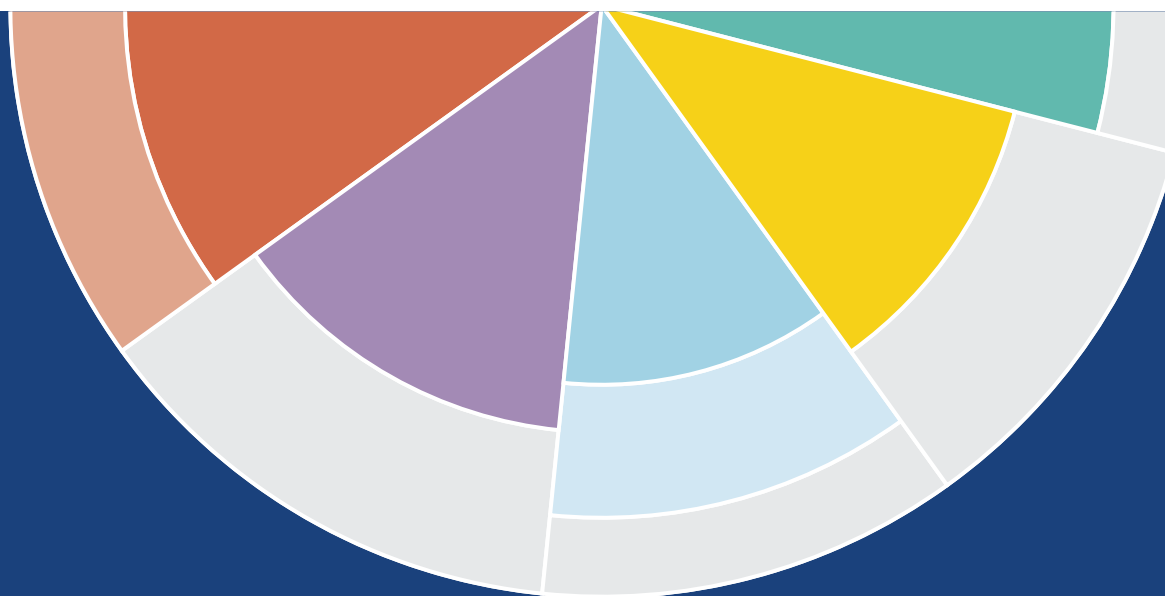
- English I B

PE/Health

- Health A

Social Studies

- US History A



Course Catalog

Adaptive, individualized instruction within every course to meet students where they are

Every student has different needs, and to maximize results, we must meet them where they are. *ALEKS*® pinpoints what your students already know, what they don't, and most importantly, what they're ready to learn next. This allows you to optimize your class engagement by aligning your course objectives to the *ALEKS* course topics.

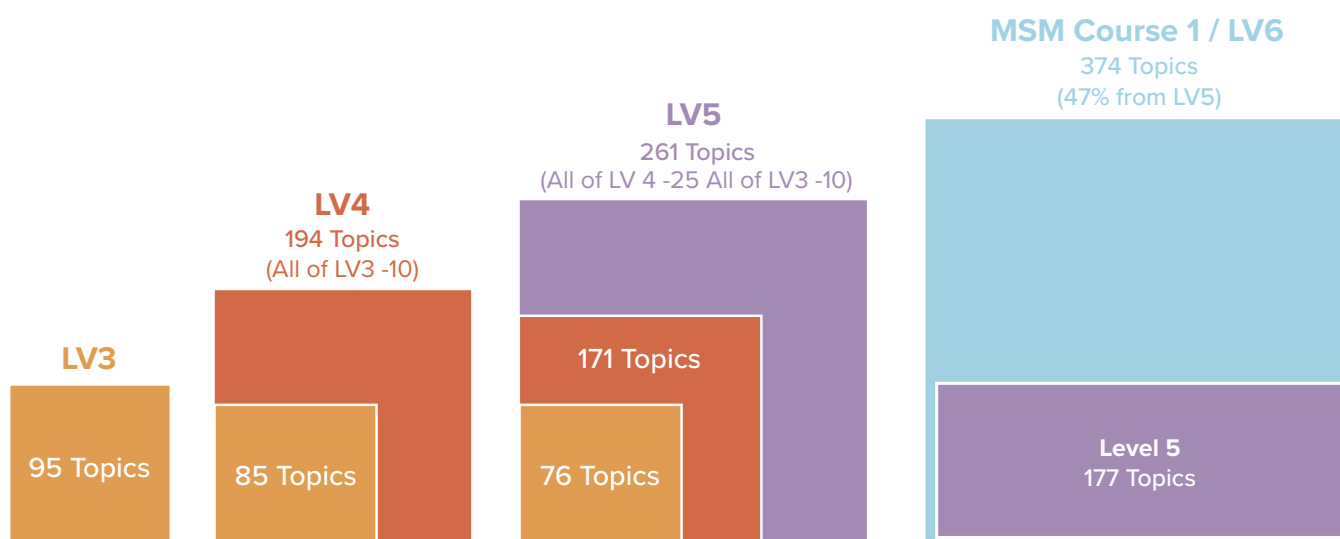
Within each course, *ALEKS* creates an optimized learning pathway for every student with an ongoing cycle of learning and assessment that provides real-time feedback. Rooted in research and analytics, *ALEKS* improves student outcomes by fostering better preparation, increased motivation, and knowledge retention.

Whether it's accessed from our single sign-on open learning platform or *ALEKS.com*, *ALEKS* provides you with a variety of courses that can be customized to meet the needs of you and your students. Every *ALEKS* course contains a concentrated wealth of topics pertaining directly to the content covered in the course, along with a variety of additional related and prerequisite topics that can be used to reinforce mathematical knowledge that will be expanded upon throughout the course.

Elementary Courses

ALEKS provides students in grades 3–12 with individualized digital math instruction that can be customized to align with your curriculum. Elementary-level courses feature a wide range of overlapping concepts to build and reinforce foundational skills that will become the prerequisite knowledge that students will need in middle school and high school.

Since every elementary level course features previous content included in subsequent courses, we recommend enrolling students according to their grade levels. Due to the overlap in concepts and topics, they will receive the skills necessary to fill any gaps as determined by the learning path. If your class includes third graders struggling to perform at or near grade level, we suggest starting with QuickTables only and consider facilitating the Initial Knowledge Check at the start of the second semester.



Course Offerings

QuickTables Only*

English/Spanish

Course Description: This math fact mastery program focuses on multiplication, division, addition, and subtraction for third grade and up.

Priority Standards Course LV3

(46 topics+194 additional topics)

Course Description: This course focuses exclusively on prerequisite topics and grade-level standards that will be critical to student success within the full grade-level course. Students can then move to the full grade level course to complete all grade level standards.

* (QuickTables is available with all regular K12 courses, but can be purchased separately for use without a regular course)

Mathematics - LV3 (with QuickTables)

English/Spanish

(95 topics + 145 additional topics)

Course Description: This course provides extensive coverage of the third-grade math standards in arithmetic, algebra, geometry, measurement, probability, and statistics. The *ALEKS* calculator is available for selected topics.

Priority Standards Course LV4

(98 topics+249 additional topics)

Course Description: This course focuses exclusively on prerequisite topics and grade-level standards that will be critical to student success within the full grade-level course. Students can then move to the full grade level course to complete all grade level standards.

Mathematics - LV4 (with QuickTables)

English/Spanish

(194 topics + 153 additional topics)

Course Description: This course provides extensive coverage of the fourth-grade math standards in arithmetic, algebra, geometry, measurement, probability, and statistics. The *ALEKS* calculator is available for selected topics.

Priority Standards Course LV5

(163 topics+ 356 additional topics)

Course Description: This course focuses exclusively on prerequisite topics and grade-level standards that will be critical to student success within the full grade-level course. Students can then move to the full grade level course to complete all grade level standards.

Mathematics - LV5 (with QuickTables)

English/Spanish

(261 topics + 258 additional topics)

Course Description: The course provides extensive coverage of the fifth-grade math standards in arithmetic, algebra, geometry, measurement, probability, and statistics. The *ALEKS* calculator is available for selected topics.

Arithmetic (with QuickTables)

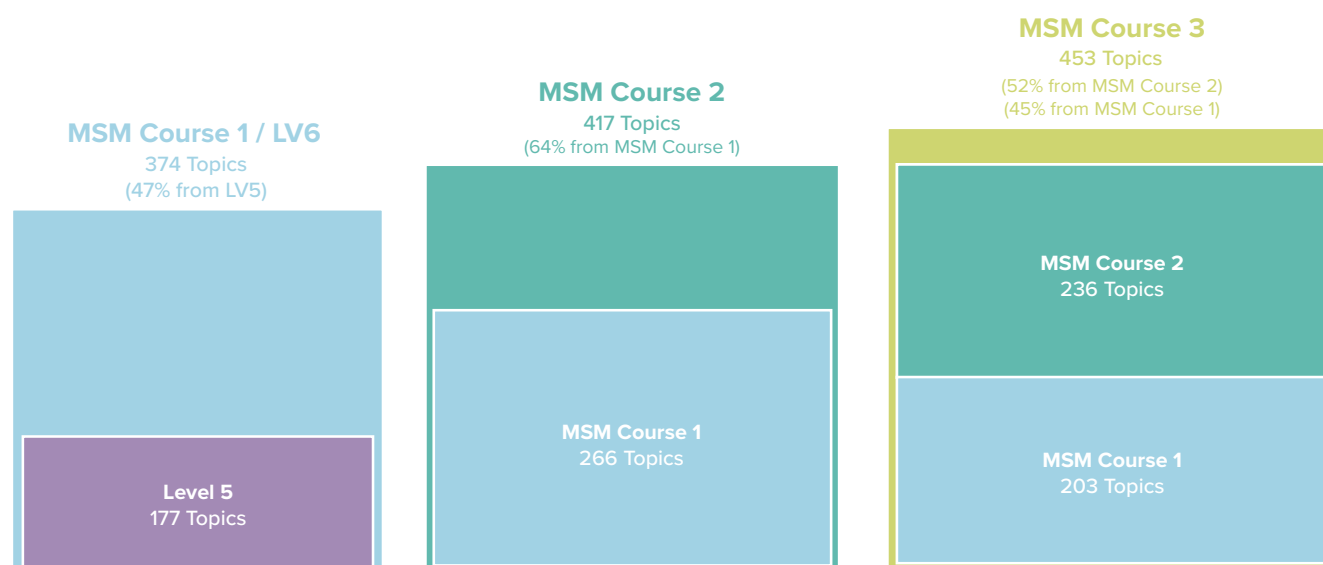
English/Spanish

Course Description: This course focuses primarily on third through fifth-grade arithmetic, with some coverage of geometry and measurement. The *ALEKS* calculator is not provided in the *ALEKS* arithmetic courses.

This course is only available on ALEKS.com

Middle School Courses

The middle school math courses in *ALEKS* also feature overlapping topics and concepts from previous grade-levels to remedy any minor skill deficits and reinforce prerequisite knowledge. If a student is not performing at grade level, a variety of intervention and remediation options are available to meet them where they are and bring them back up to grade level.



Middle School Suite	Tier 3	Tier 2	Tier 1
	<i>Students are performing significantly below grade level</i>	<i>Students are below grade level and need review</i>	<i>Students are on grade level</i>
Grade 6	MS RTI Tier 3	RTI 6	Middle School Math Course 1
Grade 7	MS RTI Tier 3	RTI 7	Middle School Math Course 2
Grade 8	MS RTI Tier 3	RTI 8	Middle School Math Course 3 (or Pre-Algebra)

Intervention Courses: Allow students to reach **65%** of mastery before moving to the next course.

Review Course: Allow students to reach **50%** of mastery before moving to the next course.

Grade-Level Courses: Students can move forward as of 85% mastery, but *course completion is preferred*

Students scoring below 10% mastery, consider additional support

Students scoring below 5% mastery, consider an intervention class

Course Offerings

Middle School Math Course 1/LV6

English/Spanish

(374 topics + 489 additional topics)

Course Description: This course provides comprehensive coverage of sixth-grade math standards and its prerequisites.

Middle School Math Course 2

English/Spanish

(417 topics + 800 additional topics)

Course Description: This course provides comprehensive coverage of seventh-grade math standards and its prerequisites.

Middle School Math Course 3

English/Spanish

(453 topics + 764 additional topics)

Course Description: This course provides comprehensive coverage of eighth-grade math standards and its prerequisites.

RTI 6

English/Spanish

(184 topics + 109 additional topics)

Course Description: This course is intended for students who are performing at one or more grade levels or below a sixth-grade level. This course covers key third through fifth-grade math skills that students need to know to be successful in Middle School Math Course 6.

RTI 7

English/Spanish

(219 topics + 105 additional topics)

Course Description: This course is intended for students who are performing at one or more grade levels below a seventh-grade level. This course covers critical third through sixth-grade math skills that students need to know to be successful in Middle School Math Course 7.

RTI 8

English/Spanish

(237 topics + 98 additional topics)

Course Description: This course is intended for students who are performing at one or more grade levels below an eighth-grade level. This course contains key grade 3 through 7 skills that students need to know to be successful in Middle School Math Course 8.

MS RTI Tier 3

English/Spanish

(107 topics + 91 additional topics)

Course Description: This course is Intended for students who are significantly below grade level. The course contains essential content from elementary and middle school courses.

Essential Mathematics

English/Spanish

(374 topics + 489 additional topics)

Course Description: This course provides comprehensive coverage of sixth-grade math standards, including algebra, and its prerequisites. This course includes QuickTables as a default.

This course only available on ALEKS.com

Algebra Readiness

English/Spanish

(445 topics + 768 additional topics)

Course Description: This course provides robust coverage of the basic concepts of algebra, algebra prerequisites, and related math curriculum standards. Algebra Readiness does not cover non-algebra middle school mathematics topics, such as probability, statistics, and geometry.

Essentials for Algebra

English/Spanish

(436 topics + 814 additional topics)

Course Description: This course provides the necessary prerequisite topics that are central to success in Algebra 1, including standards-based geometry, probability, and statistics concepts.

Pre-Algebra

English/Spanish

(634 topics + 583 additional topics)

Course Description: This course provides standards-based coverage of all seventh and eighth-grade math, including a robust introduction to the basic concepts of algebra and its prerequisites. It is a combination of Middle School Math Course 2 and Middle School Math Course 3.

High School Courses

ALEKS features a wide variety of high school courses that can be customized to align with your curriculum. This robust library of courses means you can easily accommodate the needs of every student with a course that meets them at their level and provides them with a personalized learning path towards success and standard mastery. These courses can be stacked in a manner that allows for concept overlap to solidify prerequisite skills, close learning gaps, reinforce overall understanding.

AGAP Suite					
Pre-Algebra	Intervention	Algebra I	Geometry	Algebra II	Pre-Calculus
Pre-Algebra	High School Preparation for Algebra I	Algebra I	High School Geometry	Algebra 2	Pre-Calculus
Essentials for Algebra		Algebra 1A/1B		Algebra 2 with Trigonometry	
Algebra Readiness	Math Intervention	Traditional Algebra 1A/1B			

Intervention Courses: Allow students to reach **65%** of mastery before moving to the next course.

Review Course: Allow students to reach **50%** of mastery before moving to the next course.

Grade-Level Courses: Students can move forward as of 85% mastery, but *course completion is preferred*

Students scoring below 10% mastery, consider additional support

Students scoring below 5% mastery, consider an intervention class

Course Offerings

Foundations of High School Math

English/Spanish

(453 topics + 764 additional topics)

Course Description: Similar to Pre-Algebra, this broad, standards-based course offering provides comprehensive coverage of the middle school mathematics curriculum, including many topics that are not prerequisites for success in Algebra 1. This course is intended to develop a mastery of the full breadth of middle school math concepts to facilitate success in high school mathematics, including algebra and geometry courses.

High School Prep for Algebra 1

English/Spanish

(328 topics + 207 additional topics)

Course Description: This course focuses on critical prerequisite topics that are central to success in Algebra 1. This is the best course to prepare students to advance as quickly as possible into Algebra 1 or Algebra 1A.

Priority Standards Course Algebra 1

(397 topics+ 770 additional topics)

Course Description: This course focuses exclusively on prerequisite topics and grade-level standards that will be critical to student success within the full grade-level course. Students can then move to the full grade level course to complete all grade level standards.

Algebra 1A

English/Spanish

(374 topics + 567 additional topics)

Course Description: This standards-based course provides comprehensive coverage of Algebra 1 standards by focusing on the algebra concepts and prerequisites typically covered in the first half of an Algebra 1 course.

Traditional Algebra 1A

English/Spanish

(319 topics + 622 additional topics)

Course Description: The course provides complete coverage of the algebra concepts and prerequisites typically covered in the first half of an Algebra 1 course. It does not provide extensive coverage of non-algebra topics, such as probability, statistics, and geometry.

Algebra 1B

English/Spanish

(372 topics + 795 additional topics)

Course Description: This standards-based course provides comprehensive coverage of Algebra 1 standards. It focuses on the algebra concepts typically covered in the second half of an Algebra 1 course.

Traditional Algebra 1B

English/Spanish

(365 topics + 802 additional topics)

Course Description: This course provides complete coverage of the algebra concepts typically covered in the second half of an Algebra 1 course. It does not provide extensive coverage of non-algebra topics, such as probability, statistics, and geometry.

Algebra 1

English/Spanish

(374 topics + 567 additional topics)

Course Description: This standards-based course provides comprehensive coverage of Algebra 1 standards.

Algebra 1 and Prep for Algebra 1 Combined

English/Spanish

(615 topics + 703 additional topics)

Course Description: This standards-based course provides comprehensive coverage of Algebra 1 standards and a more extensive set of prerequisite topics for students who may need additional support.

High School Geometry

English/Spanish

Course Description: This standards-based course provides comprehensive coverage of Common Core State Standards (CCSS) for Geometry.

High School Geometry

English/Spanish

(524 topics + 406 additional topics)

Course Description: This standards-based course provides comprehensive coverage of geometry standards.

Algebra 2

English/Spanish

(524 topics + 763 additional topics)

Course Description: This standards-based course provides comprehensive coverage of Algebra 2 topics and concepts, with no coverage of trigonometry.

Algebra 2 with Trigonometry

English/Spanish

(611 topics + 676 additional topics)

Course Description: This robust and standard-based course offers comprehensive coverage of Algebra 2 topics, including coverage on trigonometry.

Trigonometry

English/Spanish

(426 topics + 501 additional topics)

Course Description: This robust course provides comprehensive coverage of a typical trigonometry course along with prerequisite support on algebra and geometry.

Integrated Math I

English/Spanish

(589 topics + 874 additional topics)

Course Description: This integrated math course focuses on algebra, linear and exponential functions, sequences, systems of equations, descriptive statistics, and introductory geometry.

Integrated Math II

English/Spanish

(615 topics + 917 additional topics)

Course Description: This integrated math course focuses on quadratic functions, probability, advanced geometry, and introductory trigonometry.

Integrated Math III

English/Spanish

(608 topics + 936 additional topics)

Course Description: This integrated math course focuses on extending algebra and functions (including radicals, rational expressions, polynomial functions, logarithmic functions, sequences, and series), trigonometry, and probability.

Math Intervention

English/Spanish

(107 topics + 91 additional topics)

Course Description: This course provides effective intervention for math students at almost any level with topic coverage ranging from grades 3–12.

College Preparedness

English/Spanish

(781 topics + 377 additional topics)

Course Description: Promotes college math readiness and success by providing thorough coverage of basic math through intermediate algebra, which prepares students to progress into a credit-bearing college math course upon completion.

Pre-Calculus

English/Spanish

(637 topics + 533 additional topics)

Course Description: Provides comprehensive coverage of a typical pre-calculus course.

Pre-Calculus for College Readiness

English/Spanish

(556 topics + 614 additional topics)

Course Description: Provides coverage of pre-calculus excluding topics on systems of equations, matrices, vectors, polar coordinates, and conic sections. This excluded list is covered in *ALEKS* Pre-Calculus.

Prep for GED Mathematics

English/Spanish

(643 topics + 442 additional topics)

Course Description: Provides coverage of the middle-school and high-school mathematics topics included on the GED exam.

Mastery of SAT Math

English/Spanish

(646 topics + 462 additional topics)

Course Description: This course is designed to help students achieve mastery of the math topics featured on the SAT Reasoning Test.

Mastery of ACT Math

English/Spanish

(678 topics + 430 additional topics)

Course Description: This course focuses on students developing a mastery of topics featured on the ACT Mathematics Test.

High School Prep for Statistics

English/Spanish

(62 topics + 17 additional topics)

Course Description: This short introductory course addresses the prerequisites that high-school students need when preparing for a statistics course.

Chemistry

English Only

(248 topics + 521 additional topics)

Course Description: The course provides extensive coverage of chemistry at the high school level. This includes coverage of the NGSS high-school standards, which apply to chemistry, along with basic algebra and physics concepts that are essential prerequisites for successfully achieving fundamental chemistry mastery. Content within this course is highly customizable to match almost any curriculum and order of instruction.

Prep for AP Chemistry

English Only

(191 topics + 578 additional topics)

Course Description: This course is designed to prepare high school students for an AP Chemistry course. This course covers prerequisite and foundational material necessary for success in AP Chemistry.

Math Review of AP Calculus

English/Spanish

(296 topics + 110 additional topics)

Course Description: The course reviews the topics necessary for success in AP Calculus. It does not contain AP Calculus content.

Math Review for AP Physics

English/Spanish

(411 topics + 219 additional topics)

Course Description: This course reviews math topics necessary for success in AP Physics. It does not contain AP Physics content.

Fundamentals of Accounting (Corporation)

English/Spanish

(55 topics + 8 additional topics)

Course Description: This short introductory accounting course (55 topics) covers the basic fundamentals of accounting, including financial statements, journal entries, the closing process, and merchandising accounting.

Fundamentals of Accounting (Sole Proprietorship)

English/Spanish

(55 topics + 8 additional topics)

Course Description: This short introductory accounting course (55 topics) covers the fundamentals of accounting, including financial statements, journal entries, the closing process, and merchandising accounting.

Specialized Courses

Specialized courses require their own subscription and come at an additional cost. These courses are only available on ALEKS.com and often align to a specific McGraw Hill curriculum solution.

AP Statistics (Quantitative)**

English Only

(307 topics + 98 additional topics)

Course Description: This course covers descriptive statistics, probability, distributions, inferential statistics, and regression and correlation to help prepare students for the content of an AP Statistics exam.

AP Chemistry**

English Only

(363 topics + 406 additional topics)

Course Description: This course provides rigorous coverage of chemistry topics that are typically included in a general college-level chemistry course. This course includes the built-in ALEKSpedia, which is a General Chemistry Primer, making the ALEKS AP Chemistry course your chemistry solution. This course can also be used to help students achieve better results on the AP Chemistry exam.

Beginning Algebra (ALEKS 360)**

English/Spanish

(375 topics + 443 additional topics)

Course Description: The course provides coverage of beginning algebra topics alongside digital access to the Miller/O'Neill/Hyde Beginning Algebra text.

Intermediate Algebra (ALEKS 360)**

English/Spanish

(494 topics + 305 additional topics)

Course Description: This course provides coverage of intermediate algebra topics alongside digital access to the Miller/O'Neill/Hyde Intermediate Algebra text.

College Algebra (ALEKS 360)**

English/Spanish

(538 topics + 424 additional topics)

Course Description: This course provides coverage of college algebra topics alongside digital access to the Miller/Gerken College Algebra text.

College Algebra with Trigonometry (ALEKS 360)**

English/Spanish

(557 topics + 613 additional topics)

Course Description: This course provides coverage of college algebra and trigonometry topics alongside digital access to the Miller College Algebra & Trigonometry text.

PreCalculus (ALEKS 360)**

English/Spanish

(637 topics + 533 additional topics)

Course Description: This course provides coverage of pre-calculus topics alongside digital access to the Miller Pre-calculus text.

Introduction to Statistics (ALEKS 360)**

English Only

(307 topics + 98 additional topics)

Course Description: This course provides coverage of statistics topics alongside digital access to the Miller Bluman Elementary Statistics: A Step by Step Approach text.