

# A+LS™ College Readiness Courseware Titles

*Close the college readiness gap with assessment and instruction that is aligned to the most popular course placement tests\* used by colleges and universities today.*

Preparation is the key to success. Are your students prepared when they leave high school to take college classes? Are they ready to take the college-level placement tests required to qualify for dual or concurrent enrollment? Many students initiate their postsecondary education only to find they are underprepared to begin college-level coursework. Whether used in preparation for college-level placement tests, or as an intervention for skill level development, the College Readiness titles for the *A+nyWhere Learning System*® (A+LS™) deliver!

The College Readiness titles for the A+LS courseware will help prepare your students to begin their postsecondary learning experience. Teachers, as well as guidance counselors, can take advantage of the user-friendly assessment capabilities and skill-refreshing coursework that the system offers.

The College Readiness titles for the A+LS courseware will help your students improve their college readiness skills with our:

- **Consistent** skill-level assessments for Arithmetic, Elementary Algebra, College Algebra, Pre-Calculus/Trigonometry, Sentence Skills, and Reading Comprehension.
- **Automatic and individualized** prescriptions that ensure proper coursework assignments most efficiently address each student's learning needs.
- **Seamless** delivery of coursework, whether online or network-based, reduces the administrative workload and keeps students properly engaged in the learning process.

**Aspire.  
Act.  
Achieve.**

\*A+LS College Readiness courseware is 100% aligned to ACCUPLACER in the subject areas of Arithmetic, Elementary Algebra, College Algebra, College Pre-Calculus/Trigonometry, Sentence Skills, and Reading Comprehension and is approximately 94% aggregately aligned to COMPASS in the subject areas of Numerical Skills/Pre-Algebra, Algebra, College Algebra, Trigonometry, Reading, and Writing Skills. ACCUPLACER is a registered trademark of College Board and collegeboard.com. COMPASS is a trademark of ACT, Inc.

# The *A+LS*<sup>™</sup> College Readiness courseware titles prepare students in six critical subject areas featuring over 165 prescriptive lessons:

## Arithmetic

### 24 lessons:

Addition & Subtraction  
Multiplication  
Division 1  
Number Sense  
Division 2  
Fractions 1  
Fractions 2  
Decimal Number Operations  
Statistics  
Fraction Concepts  
Percent Concepts  
Basic Operations 1  
Basic Operations 2  
Percent 1  
Percent 2  
Percent 3  
Graphs & Tables  
Solving Equations 1  
Solving Equations 2  
Problem Solving 1  
Problem Solving 2  
Problem Solving 3  
Problem Solving 4  
Square Roots & Triangles

## Elementary Algebra

### 22 lessons:

Basic Operations 1  
Basic Operations 2  
Distributive Property  
Integer Operations  
Like Terms  
Polynomials  
Evaluating Expressions  
Roots & Radicals  
Trinomial Squares  
Factoring Trinomials  
Methods of Factoring  
Difference of Squares  
Polynomial Operations 1  
Polynomial Operations 2  
Polynomial Operations 3  
Solving Equations  
Properties of Equality  
From Words to Equations  
Solving Word Problems  
Rational Operations 1  
Rational Operations 2  
Complex Rationals

## College Algebra

### 39 lessons:

Factoring Out Monomials  
Difference of Squares  
Factoring Trinomials  
Rational Expressions  
Complex Rationals  
Exponents  
Negative Exponents  
Rational Exponents  
Factoring by Grouping  
Methods of Factoring  
Rational Operations 1  
Rational Operations 2  
Binomial Theorem  
Linear Equations  
Graphing with the T-Table  
Slope of a Line  
Slope-Intercept Equations  
Fitting Equations to Data  
Compound Inequalities  
Linear Inequalities 1  
Solving by Graphing  
Linear Inequalities 2  
Graph Linear Functions  
Parallel & Perpendicular  
Addition and Subtraction  
Absolute Value Equations  
Solving by Factoring  
Quadratic Functions  
Graphing Parabola  
Relations and Functions  
Relations and Functions in the Coordinate Plane  
Identifying Linear Equations  
The Coordinate Plane  
The Pythagorean Theorem  
Circles  
Ellipses  
Hyperbola  
Geometry-Trigonometric Functions  
Trigonometry-Reciprocal Functions

## Pre-Calculus/ Trigonometry

### 28 lessons:

Parabolas  
Inverse Functions  
Solving Polynomial Equations  
Exponential Equations  
Logarithmic Functions  
Graphs of Exponential and Logarithmic Functions  
Trigonometric Inverse Functions  
Growth and Decay  
Imaginary Numbers  
Complex Numbers 1  
Complex Numbers 2  
Quadratic Equations  
Arithmetic Sequence  
Arithmetic Series  
Geometric Sequence  
Geometric Series  
Infinite Geometric Series  
Angles  
Sin, Cos, and Tan  
Graphing Functions 1  
Graphing Functions 2  
Solving Trigonometric Equations  
Trigonometric Identities  
Double and Half-Angle Identities  
Sum and Difference Identities  
Solve Right Triangles  
Law of Sines  
Law of Cosines

## Sentence Skills

### 33 lessons:

Parts of a Sentence 1  
Parts of a Sentence 2  
Parts of a Sentence 3  
Clauses 1  
Clauses 2  
Clauses 3  
Adjectives 1  
Adjectives 2  
Phrases  
Verbs 1  
Verbs 2  
Verbs 3  
Verbs 4  
Verbs 5

Usage Problems 1  
Usage Problems 2  
Usage Problems 3  
Usage Problems 4  
Clauses 4  
Clauses 5  
Clauses 6  
Parallelism  
Verbals 1  
Verbals 2  
Verbals 3  
Capitalization  
Punctuation-End Marks  
Punctuation-Basic Comma Rules  
Punctuation-Commas for Clauses  
Punctuation-Colons and Semicolons  
Punctuation-Quotations  
Punctuation-Apostrophes  
Punctuation-Parentheses, Italics, & Dashes

## Reading Comprehension

### 20 lessons:

Mood and Tone  
Main Ideas  
Core Subject Vocabulary  
Fact and Opinion  
Five W Questions  
Outcomes and Conclusions  
Paraphrasing and Summarizing  
Cause and Effect  
Compare and Contrast  
Purpose in Writing  
Making Inferences  
Connotation and Denotation  
Analogies  
Point of View  
Characterization  
Story Details and Sequence  
Classifying Information  
Conflict and Resolution  
Story Elements  
Context Clues and Reading