

Victory for the ACT Test 15th Edition Course Timing Suggestions

Use the Course Timing Suggestions below to plan and implement your course. Each course hour features topics from the course concept outline that you should cover in class. Topics you should *skip* are highlighted in gray. The items you should cover in class are listed in the “Items” column. And the Essential Skills page references are listed for you to cover as time permits, or to assign as homework.

Course Timing Suggestions				
TOTAL OF 60 COURSE HOURS, PLUS PRE- AND POST-TESTING				
English (14 of 60 hours)				
Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
1	I. Test Mechanics		43	
	A. Overview		44	
	B. Anatomy	1-4	45	
	C. Pacing		49	
	D. Time Trial	1-8	50	
	E. Game Plan		54	
	II. Lesson Preliminaries		58	
	A. Item Profiles		58	
	B. Notational Information		59	
	C. Item-Types		62	
2	III. Lesson 1 Grammar and Usage		63	
	A. Subject-Verb Agreement	1	63	30, 88, 132
	1. Material Inserted Between Subject and Verb	2-4	64	
	2. Inverted Sentence Structure	8-9	67	
	3. Compound Subjects	12	68	
3	B. Pronoun Usage		70	
	1. Pronouns Must Have Antecedents	13-14	70	
	2. Antecedents Must Be Clear		71	70
	3. Pronoun-Antecedent Agreement	16	72	34, 88
	4. Pronouns Must Have Proper Case	20-21	74	83, 122
	C. Adjectives versus Adverbs		76	32
	D. Double Negatives		81	
4	E. Nouns and Noun Clauses	31-33	82	
	F. Faulty or Illogical Comparisons	35, 37	84	
	G. Verb Tense		88	26
	1. Principal Parts of Verbs		89	
	2. When to Use the Perfect Tenses	42	90	82
	3. The Subjunctive Mood	45	92	82
	4. Sequence and Verb Tense	47-48	94	83, 122
5	H. Diction		96	37, 129
	1. Wrong Preposition	51-52	96	92
	2. Wrong Word Choice	53-54	97	
	3. Gerund versus Infinitive	55-56	98	

Course Timing Suggestions

TOTAL OF 60 COURSE HOURS, PLUS PRE- AND POST-TESTING

60

English (14 of 60 hours—continued)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
6	IV. Lesson 2 Sentence Structure		100	
	A. Run-On Sentences	1	101	22, 118
	B. Comma Splices	3	102	118
	C. Fragments		103	22, 77, 118
	D. Problems of Coordination and Subordination	7-11, 14	105	118, 125
	E. Faulty Parallelism	17	108	79, 125
	F. Incomplete Split Constructions	18-19	109	125
	G. Misplaced Modifiers	20-22	111	77
	H. Unintended Meanings	23	113	
7	V. Lesson 3 Punctuation		115	
	A. Commas	3-4, 9-11, 13, 15-17	115	42, 96, 136
	B. Semicolons	23-25	126	141
	C. Colons	26	128	141
	D. End-Stop Punctuation		130	
8	E. Dashes	29-30	131	
	F. Quotation Marks	31	132	
	G. Apostrophes	32-34	134	139
	H. Punctuating for Clarity Exercise	35	136	
9	VI. Lesson 4 Production of Writing and Knowledge of Language		138	
	A. Production of Writing		138	
	1. Strategy		139	
	a) Appropriate Supporting Material	1, 10	139-140, 147	55
	b) Effective Opening, Transitional, and Concluding Sentences	2, 7, 11	140-141, 146, 148	55, 61, 103
	c) Main Idea	3, 12	141, 148	
	d) Audience	4	142	74
	2. Organization		143	
10	a) Sentence-Level Structure	9	147	112
	b) Paragraph-Level Structure	5	143	8, 106
	c) Passage-Level Structure	6, 8	145, 147	
	B. Knowledge of Language		149	
	1. Conciseness	14-17	149	15, 66, 112
	2. Clarity of Meaning		152	19, 115
	3. Idiomatic Expression	20	153	16, 37
11	VII. Lesson 5 General Strategies	1-10	155	
12	VIII. Quizzes		161	
	A. Directed Study Quiz	1-32		
13	B. Timed Quiz	1-29	162	
	IX. Review		173	
	X. Strategy Summary		193	
14	XI. Victory Practice Test	flex		
	XII. Practice Tests I-III	flex		

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Math (15 of 60 hours)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
1	I. Test Mechanics		397	
	A. Overview		398	
	B. Anatomy	1-4	399	
	C. Pacing		401	
	D. Time Trial	1-5	402	
	E. Game Plan		404	
	F. Calculator Exercise	1-10	408	
	G. Calculator Race		413	
2	II. Lesson Preliminaries and Strategies		418	
	A. Item Profiles		418	
	B. Item-Types		420	
	1. Number and Quantity	1	420	
	2. Algebra and Functions	3-6	421	
	3. Coordinate Geometry	7	422	
	4. Geometry	8-9	423	
	5. Trigonometry	10	424	
	6. Statistics, Probability, and Data Representation	11-12	424	
3	C. General Strategies		426	
	1. Use the Figures	13-14	426	
	2. Use the Answer Choices	17	428	
	3. Pay Special Attention to "Signal" Words	18, 21	429	
	4. Answer the Question Being Asked	23, 26	432	
	5. Carefully Consider "Cannot Be Determined"	27	434	
	D. Time-Saving Shortcuts and Power Strategies		435	
	1. Time-Saving Test Prep Shortcuts		435	
	2. Test-the-Test	28-29	436	
	3. Plug-and-Chug	30	438	
	4. Eliminate-and-Guess	31	438	
	III. Lesson 1 Number and Quantity		440	
	A. Basic Arithmetic Strategies		440	
1. Just Do It	1-2	440		
4	2. Look for Shortcuts	3, 5-7, 9, 11	442	
	3. Bridge the Gap	12-13	447	
	B. Properties of Numbers	14-17	450	301, 342, 458
	C. Scientific Notation	20-21	455	360
5	D. Complex Numbers	22-23	458	361, 473
	E. Matrices and Vectors	24-26	459	
	F. Rates and Proportions	27-32	463	326, 433

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Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
6	G. Percentages	35-38	471	286, 325, 433
	H. Arithmetic Strategy: "Test-the-Test"	42-45	476	
	IV. Lesson 2 Algebra and Functions		479	
	A. Manipulating Algebraic Expressions		479	
	1. Basic Algebraic Manipulations	1-2	479	306, 368
	2. Evaluating Expressions	3-7	481	306, 368
	3. Manipulating Expressions Involving Exponents	8-9	483	354, 469, 479
7	4. Factoring Expressions	10-12	485	377
	5. Logarithmic Expressions	13-14	487	471
	B. Evaluating Sequences	15-18	490	349, 471
	C. Solving Algebraic Equations or Inequalities with One Variable		495	
	1. Simple Equations	19	495	307, 371
	2. Simple Inequalities	20	496	378, 495
	3. Equations Involving Rational Expressions	21-23	498	480, 482
	4. Inequalities Involving Rational Expressions	24	501	
8	5. Equations Involving Radical Expressions	25, 27	502	481, 483
	6. Equations Involving Integer and Rational Exponents	29-30	507	484
	7. Equations Involving Logarithms	33-34	509	471
	8. Equations Involving Absolute Value	35	510	348, 496
9	9. Inequalities Involving Absolute Value	38	513	496
	D. Evaluating, Interpreting, and Creating Algebraic Functions		515	
	1. Function Notation	40, 42-44, 46	515	426, 556
	2. Concepts of Domain and Range	48-50	519	425
	3. Functions as Models	52, 54	521	373, 425, 488
	E. Solving Simultaneous Equations	56, 58	523	499
10	F. Solving Quadratic Equations and Relations	61-65	526	377, 497
	G. Algebra Strategies: "Test-the-Test" and "Plug-and-Chug"	67, 69	529	
	V. Lesson 3 Coordinate Geometry		538	
	A. The Coordinate System	1-6	538	310, 385
11	B. Slope of a Line	7-10	543	388, 506
	C. Slope-Intercept Form of a Linear Equation	11-15	546	388
	D. Distance and Midpoint Formulas	16-19	550	386, 504
	E. Graphs of Linear Equations	20-21	554	390
	F. Graphs of First-Degree Inequalities	22	556	388
G. Graphs of Quadratic Equations and Relations	23-24	558	510	

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Math (15 of 60 hours—continued)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
	H. Qualitative Behavior of Graphs of Functions	25-26	561	

12	I. Transformations and Their Effects on Graphs of Functions	27-28	562	515
	VI. Lesson 4 Geometry		564	
	A. Geometric Notation		564	398
	B. Lines and Angles	1, 3	564	314, 398
	C. Triangles		568	
	1. Pythagorean Theorem	6	568	406, 523
	2. 45-45-90 Triangles	7-8	569	523
	3. 30-60-90 Triangles	9	570	524
	4. Properties of Triangles	10-11	570	319, 405, 410, 524
	D. Rectangles and Squares	13	572	319, 413
	E. Circles	15	574	416, 528
	F. Properties of Tangent Lines	16	575	
13	G. Complex Figures	23	577	419, 529, 537, 544
	H. Solids	26	581	537
	I. Geometry Strategies		583	
	1. "Guesstimating"	32	583	
	2. Measuring	34	585	
	3. "Measimating"	36	587	
	VII. Lesson 5 Trigonometry		588	
	A. Definitions of the Six Trigonometric Functions	3-5	588	429, 557
	B. Trigonometric Relationships		594	557
	C. Trigonometry as an Alternative Method of Solution	7-10	595	
	D. Graphs of Trigonometric Functions		599	561
	VIII. Lesson 6 Statistics, Probability, and Data Representation		602	
	A. Measures of Center	1-3	602	291, 333, 442, 443
	B. Counting Methods		606	335, 448
	C. Sets	10-12	607	335, 448
D. Probability	16-18	612	292, 343, 444	
E. Data Representation		616		
14	IX. Quizzes		623	
	A. Directed Study Quiz	1-20		
15	B. Timed Quiz	1-20	624	
	X. Review	flex	633	
	XI. Strategy Summary		649	
	XII. Victory Practice Test	flex		
	XIII. Practice Tests I-III	flex		

Course Timing Suggestions

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Reading (14 of 60 hours)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
	I. Test Mechanics		199	

1	A. Overview		200	
	B. Anatomy	1-4	203	
	C. Pacing		206	
	D. Time Trial	1-3	207	
	E. Game Plan		209	
2	II. Lesson Preliminaries		216	
	A. Passage Profiles		216	
	B. Item Profiles		216	
	C. Facts about Passages		217	
	1. Four Passage Topics, Unfamiliar Subjects		217	
	2. Passages Test Comprehension, not "Speed-Reading"		218	
	III. Lesson 1 Item-Types and Strategies		219	
	A. Item-Types		219	
	1. Main Idea	1-2	221	160, 169, 193, 204, 234, 243
	2. Explicit Detail	3-5	221	161, 170, 197, 206, 235, 245
3	3. Vocabulary	6	222	164, 173, 200, 209, 238, 248
	4. Development	7-8	223	162, 172, 198, 207, 237, 248
	5. Implied Idea	9-11	224	166, 174, 202, 210, 239, 250
	6. Application	12-13	225	166, 174, 202, 210, 239, 250
	7. Voice	14-15	226	160, 169, 193, 204, 234, 243
4	B. Strategies		227	
	1. Three Reading Comprehension Levels		227	
	a) General Theme		227	
	b) Specific Points		227	
	c) Evaluation		227	
	2. Using the Three Comprehension Levels		228	
	3. Five Steps to Approaching Passages	16-24	228	
	a) Label Passages as "Easy" or "Hard"		228	
	b) Preview First and Last Sentences of Selection		228	
	c) Preview Item Stems		229	
d) Read the Passage		229		
e) Answer the Items		229		
5	4. Item-type Strategies		235	
	a) Main Idea Clues	25-27	235	160, 169, 193, 204, 234, 243
	b) Explicit Detail Clues	28	237	161, 170, 197, 206, 235, 245
	c) Vocabulary Clues	29-33	237	164, 173, 200, 209, 238, 248

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TOTAL OF 60 COURSE HOURS, PLUS PRE- AND POST-TESTING

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Reading (14 of 60 hours—continued)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
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6	d) Development Clues	34-35	240	162, 172, 198, 207, 237, 248
	e) Implied Idea Clues	36-37	241	166, 174, 202, 210, 239, 250
	f) Application Clues	38	242	166, 174, 202, 210, 239, 250
	g) Voice Clues	39	243	160, 169, 193, 204, 234, 243
7	IV. Lesson 2 Paired Passages		245	
	A. Question that Compare and Contrast	1-9	245	
8	B. Further Practice	10-11, 14-15, 20-24, 27-33	253	
9-10	V. Lesson 3 Further Use of Reading Strategies, Part 1	11-20, 26-30, 39-40, 44-46	267	
11-12	VI. Lesson 4 Further Use of Reading Strategies, Part 2	10-17, 19-22, 41-45	293	
13	VII. Quizzes		317	
	A. Directed Study Quiz	1-18		
14	B. Timed Quiz	1-17	318	
	VIII. Review		327	
	IX. Strategy Summary		351	
	X. Victory Practice Test	flex		
	XI. Practice Tests I-III	flex		

Course Timing Suggestions

TOTAL OF 60 COURSE HOURS, PLUS PRE- AND POST-TESTING

60

Science (15 of 60 hours)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
1	I. Test Mechanics		655	
	A. Overview		656	

	B. Anatomy	1-4	659	
	C. Pacing		662	
	D. Time Trial	1-5	663	
	E. Game Plan		667	
	II. Lesson Preliminaries		672	
	A. Item Profiles		672	
	B. Facts about the Science Test		673	
	C. Item-Types		674	
	D. General Strategies		675	
	III. Lesson 1 Data Representation		677	
	A. Graphs		677	572
	1. Straight Lines		677	
	2. Parabolic Curves		678	
	3. Graph Reading Strategy		678	
2	B. Tables		681	571
	1. Understanding the Nature of Data	4-5	681	
	2. Recognizing Trends	6-8	682	
	3. Drawing Conclusions	9	684	
3	C. Typical Data Representation Items	10-22	685	648
4-5	D. Data Representation Strategies	23-34	691	
	IV. Lesson II Research Summary		701	
	A. Understanding Experimental Design		701	609
	B. Predicting Results		701	
	C. Evaluating Data		701	610
6	D. Typical Research Summary Items	1-11	702	652
7-8	E. Research Summary Strategies	12-29	709	
	V. Lesson 3 Conflicting Viewpoints		725	641
	A. Predicting Results		725	
	B. Spotting the Assumptions		725	
	C. Picking the Best Argument		725	
9	D. Typical Conflicting Viewpoints Items	1-11	726	
10-11	E. Conflicting Viewpoints Strategies	12-29	731	
12	VI. Quizzes		741	
	A. Directed Study Quiz	1-16		
13	B. Timed Quiz	1-16	742	
14-15	VII. Review	flex	751	
	VIII. Strategy Summary		779	
	IX. Victory Practice Test	flex		
	X. Practice Tests I-III	flex		

Course Timing Suggestions

TOTAL OF 60 COURSE HOURS, PLUS PRE- AND POST-TESTING

60

Essay (2 of 60 hours)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
1	I. Test Mechanics		355	
	A. Overview		356	
	B. Anatomy		357	

	C. Pacing		360	
	D. Time Trial		361	
	E. Game Plan		363	
2	II. Lesson Preliminaries		365	
	A. What is Tested		366	
	B. Directions		366	
	C. Item Format		367	
	D. Scoring		367	
	III. Lesson 1 Composing the Essay		368	
	A. Pre-Writing		368	
	B. Beginning the Writing Process		370	
	C. The Introduction		370	
	D. The Body		371	
	E. The Conclusion		372	
	F. Revising		373	
	IV. Lesson 2 Essay Writing Strategies		375	
	A. Begin with the Prompt		375	
	B. Write Only on the Assigned Topic		375	
	C. Do Not Try to Do Too Much		375	
	D. Outline the Essay		375	
	E. Organize Ideas into Paragraphs		378	
	F. Write Using Correct Grammar		383	
	G. Punctuate and Spell Correctly		383	
	H. Write Clearly, Concisely, and Legibly		383	
	I. Proofread the Essay		384	
	V. Quizzes		385	
VI. Strategy Summary		391		