

# Edmentum iNACOL Online Course Review Summary Report

Conducted by Certica Solutions

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## Certica Solutions:

Certica Solutions is the premier provider of standards data services, tools and alignment services to the K-12 education industry. For the past ten years, the businesses of education have relied on Certica Solutions to meaningfully describe and connect learning objectives, education frameworks, and learning resources to build quality products and meet district and state compliance requirements.

### Certica Solutions consists of:

- The market's most comprehensive standards collection maintaining over 3 million domestic and international academic standards including K-12, Career & Technical Education, and early learning.
- Tool sets and web services to cost-effectively establish and maintain quality content alignments and descriptive resource profiles.
- Consultation and Research Services delivered by K-12 Subject Matter Experts with knowledge of market trends, demands, and changes.

## Edmentum:

Edmentum, Inc. is a leading provider of online learning programs designed to drive student achievement for academic and career success. With more than 50 years of experience driving significant advances in the industry, Edmentum offers a wide variety of innovative learning programs to empower 21st century teaching and learning.

Edmentum's Plato Courseware is a standards-based online learning program grounded in a tradition of solid research, sound pedagogy, and applied innovation. Developed with rigorous, relevant curriculum that challenges students with a 21st century approach - engaging them with interactive, media-rich content.

Whether students are falling behind, at grade level, or advanced, Edmentum can accommodate their unique needs in an environment in which they will thrive. Plato Courseware can be used in a lab setting, a blended model in which online courses supplement the traditional classroom, or through a completely virtual experience.

Plato Courseware provides courses in a wide range of core subjects, electives, world languages, honors, and Advanced Placement® offerings. Courses consist of integrated assessments; including exemptive pretests that allow learners to forgo content they have already mastered and focus on the concepts that need additional work. Course-level assessments also include tests for each course module to ensure concept mastery.

## Project Overview:

Edmentum provided Certica Solutions with access to their Sensei system which houses online middle school and high school courses for various subject areas. Certica Solutions uses Subject Matter Experts (SMEs) to analyze client products. Edmentum provided access to the platform and online content that included all the content for courses which were reviewed and evaluated.

A Subject Matter Expert (SME) from Certica Solutions reviewed a total of 234 courses (listed in table below) and compared the information within the courses with the Quality Rubric as provided by iNACOL (or another quality format, for example, state of Michigan). The purpose was to determine if the courses measured up to the 52 quality standards (iNACOL) over 5 primary areas: content, instructional design, student assessment, technology, course evaluation and support. The results of the review were documented in a custom format indicating whether each of the 5 areas were fully met, partially met, or not met.

The SME viewed each course individually by using the client provided access to the Edmentum Sensei webpage. The SME analyzed all content within the individual courses, looking for coverage in each of the subsection categories and ranked the standards based the rating scale.

## Data Collection:

iNACOL National Standards for Quality Online Courses (2011) are divided into five sections: content, instructional design, student assessment, technology, course evaluation and support. Within the five sections, there are 21 subsections which cover the following: academic content standards and assessment, course overview and introduction, legal and acceptable use policies, instructor resources, instructional audience and analysis, course unit and lesson, instructional strategies and activities, communication and interaction, resources and materials, evaluation strategies, feedback, assessment and resources, course architecture, user interface, technology requirements/interoperability, accessibility, data security, accessing course effectiveness, course updates, certification, and instructor and student support.

The table below shows course alignment coverage for the 52 iNACOL quality standards.

## iNacol Review Summary: Edmentum Plato Courses

Course Title	Subject	Number of Total Standards	Number of Standards Fully Met	Number of Standards Partially Met	Number of Standards Not Met	Date Reviewed
Academic Success	Other	52	50	2	0	5/5/2014
Accounting A/B	Elective	52	50	2	0	11/27/2015
Accuplacer Mathematics, Accuplacer Reading, Accuplacer Sentence Skills	Test Prep Course	52	47	2	3	1/4/2016
ACT Prep (Eng, Math, Reading, Science, Reasoning)	Elective	52	50	2	0	11/10/2014
ACT- WorkKeys- Applied Mathematics- Leveled, ACT- WorkKeys- Comprehensive, ACT- WorkKeys- Reading for Information, ACT- WorkKeys- Writing	Elective	52	50	2	0	1/5/2016
Advanced Biology A/B v2.0	Science	52	52	0	0	11/23/2015
Advanced Calculus	Math	52	52	0	0	4/20/2014
Advanced Computer Science	Elective	52	50	2	0	3/31/2017
Advanced English Literature and Composition	English	52	52	0	0	6/12/2014

Advanced Reading Skills	English	52	50	2	0	6/9/2014
Advanced Writing Skills	English	52	50	2	0	6/9/2014
African American Studies	Elective	52	50	2	0	5/1/2014
Algebra 1 A/B v. 5	Math	52	52	0	0	9/26/2014
Algebra 2 A/B v. 5	Math	52	52	0	0	9/26/2015
AP Chemistry A/B	Science	52	50	2	0	1/15/2016
AP US History	Social Studies	52	52	0	0	11/27/2015
ASVAB Mathematics, ASVAB Technology & General Science, Part 1, ASVAB Technology & General Science Part 1, ASVAB Technology & General Science Part 2, ASVAB Word Knowledge & Paragraph Comprehension	Test Prep Course	52	52	0	0	11/27/2015
Audio Video Production 1 A/B	Elective	52	50	2	0	11/27/2015
Audio Video Production 2 A/B	Elective	52	50	2	0	11/27/2015
Audio Video Production 3 A/B	Elective	52	50	2	0	12/4/2015
Basic Reading Skills	English	52	50	2	0	6/20/2014

Basic Writing Skills	English	52	50	2	0	6/20/2014
Biology A/B v5.0	Science	52	52	0	0	1/15/2016
Business Information Management A/B	Elective	52	50	2	0	12/4/2015
Career Explorations	Career	52	50	2	0	5/7/2014
Career Readiness Certificate™- Bronze, Career Readiness Certificate™- Silver, Career Readiness Certificate™- Gold	Elective Test Prep	52	47	5	0	1/8/2016
Chemistry A/B	Science	52	52	0	0	1/15/2016
Child Development & Parenting A/B	Elective	52	50	2	0	12/4/2015
Civics A/B	Social Studies	52	50	2	0	4/17/2014
Computer Programming A/B	Elective	52	50	2	0	12/4/2015
Computers for College & Careers A/B	Elective	52	50	2	0	12/4/2015
Consumer Mathematics	Math	52	50	2	0	4/20/2014
Contemporary World A/B	Elective	52	50	2	0	4/7/2017

Creative Writing	Elective	52	50	2	0	11/27/2015
Culinary Arts A/B	Elective	52	50	2	0	12/4/2015
Developmental Math 1-Pre-Algebra	Elective	52	50	2	0	3/31/2017
Developmental Math 2-Beginning-Algebra	Elective	52	50	2	0	3/31/2017
Developmental Math 3-Intermediate-Algebra	Elective	52	50	2	0	3/31/2017
Developmental Math 4-Advanced-Algebra	Elective	52	50	2	0	3/31/2017
Digital & Interactive Media A/B	Elective	52	50	2	0	12/4/2015
Drafting & Design A/B	Elective	52	50	2	0	12/11/2015
Earth and Space Science A/B	Science	52	52	0	0	4/29/2014
Economics A/B v2.0	Social Studies	52	52	0	0	4/17/2014
Electronic Communication Skills	Elective	52	50	2	0	12/11/2015
English 10 A/B	English	52	52	0	0	1/15/2016
English 11 A/B v4.0	English	52	52	0	0	9/26/2014

English 12 A/B v4.0	English	52	52	0	0	9/28/2014
English 6 A/B v2.0	English	52	52	0	0	11/23/2016
English 7 A/B	English	52	52	0	0	6/14/2014
English 8 A/B	English	52	52	0	0	6/14/2014
English 9 A/B	English	52	52	0	0	1/15/2016
Entrepreneurship A/B	Elective	52	50	2	0	12/11/2015
Environmental Science	Science	52	52	0	0	4/7/2017
Essential Career Skills	Elective	52	50	2	0	10/9/2014
French 1 A/B	Foreign Language	52	52	0	0	1/15/2016
French 2 A/B	Foreign Language	52	52	0	0	1/15/2016
Game Development	Elective	52	50	2	0	5/23/2014
GED Mathematics, GED Reading Language Arts, GED Social Studies, GED Science	Elective	52	50	2	0	1/8/2016



Geometry A/B v4.0	Math	52	52	0	0	1/22/2016
German 1 A/B	Foreign Language	52	52	0	0	1/22/2016
German 2 A/B	Foreign Language	52	52	0	0	1/22/2016
Gothic Literature	Elective	52	50	2	0	3/31/2017
Graphic Design & Illustration A/B	Elective	52	50	2	0	12/11/2015
Health Science 1 A/B	Elective	52	50	2	0	12/11/2015
Health Science 2 A/B	Elective	52	50	2	0	12/11/2015
Health v2.0	Health	52	52	0	0	6/24/2014
HESI A2	Elective	52	50	2	0	3/31/2017
HiSET - Language Arts - Reading Part 1, HiSET - Language Arts - Reading Part 2, HiSET - Language Arts -Writing Part 1, HiSET - Language Arts -Writing Part 2, HiSET - Language Arts -Writing Part 2, HiSET - Mathematics Part 1, HiSET - Mathematics Part 2, HiSET - Science	Elective	52	50	2	0	1/8/2016

Part 1, HiSET - Science Part 2, HiSET - Social Studies (Cont.)Part 1, HiSET - Social Studies Part 2						
Integrated Math 1 A/B	Math	52	52	0	0	9/29/2014
Integrated Math 2 A/B	Math	52	52	0	0	9/29/2014
Integrated Math 3 A/B	Math	52	52	0	0	9/29/2014
Integrated Physics and Chemistry A/B	Science	52	52	0	0	4/25/2014
Introduction to Android Development	Elective	52	50	2	0	3/31/2017
Introduction to Anthropology	Elective	52	50	2	0	1/29/2016
Introduction to Archaeology	Elective	52	50	2	0	1/29/2016
Introduction to Astronomy	Elective	52	50	2	0	1/29/2016
Introduction to Criminology	Elective	52	50	2	0	1/29/2016
Introduction to Cybersecurity	Elective	52	50	2	0	3/31/2017
Introduction to Fashion Design	Elective	52	50	2	0	5/27/2014
Introduction to Finance	Elective	52	50	2	0	12/11/2015

Introduction to Forensic Science	Elective	52	50	2	0	3/31/2017
Introduction to iOS Mobile App Development	Elective	52	50	2	0	3/31/2017
Introduction to Marine Biology	Elective	52	50	2	0	4/7/2017
Introduction to Philosophy	Elective	52	50	2	0	2/1/2016
Introduction to Veterinary Science	Elective	52	50	2	0	4/7/2017
Introduction to Social Media	Elective	52	50	2	0	5/27/2014
Introduction to Visual Arts	Elective	52	50	2	0	4/7/2017
Introduction to World Religions	Elective	52	50	2	0	4/7/2017
Life Science A/B v2.0	Science	52	52	0	0	6/20/2014
Marketing, Advertising & Sales	Elective	52	50	2	0	12/18/2015
Math 6 A/B	Math	52	52	0	0	5/15/2014
Math 7 A/B v2.0	Math	52	52	0	0	10/1/2014
Math 8 A/B	Math	52	52	0	0	11/23/2015
Middle School US History A/B	Social Studies	52	52	0	0	5/7/2014
Middle School World History	Social Studies	52	50	2	0	5/1/2014
Middle School World History	Social Studies	52	50	2	0	5/1/2014
Music Appreciation	Elective	52	50	2	0	10/13/2014

Mythology and Folklore	Elective	52	50	2	0	4/7/2017
Native American Studies: Contemporary Perspectives	Elective	52	50	2	0	6/18/2014
Native American Studies: Historical Perspectives	Elective	52	50	2	0	6/18/2014
NRS Language L2	Elective	52	50	2	0	4/17/2017
NRS Language L3	Elective	52	50	2	0	4/17/2017
NRS Language L4	Elective	52	50	2	0	4/17/2017
NRS Language L5	Elective	52	50	2	0	4/17/2017
NRS Language L6	Elective	52	50	2	0	4/17/2017
NRS Mathematics L1	Elective	52	50	2	0	4/17/2017
NRS Mathematics L2	Elective	52	50	2	0	4/17/2017
NRS Mathematics L3	Elective	52	50	2	0	4/17/2017
NRS Mathematics L4	Elective	52	50	2	0	4/21/2017
NRS Mathematics L5	Elective	52	50	2	0	4/21/2017
NRS Mathematics L6	Elective	52	50	2	0	4/21/2017
NRS Reading L2	Elective	52	50	2	0	4/21/2017
NRS Reading L3	Elective	52	50	2	0	4/21/2017
NRS Reading L4	Elective	52	50	2	0	4/28/2017
NRS Reading L5	Elective	52	50	2	0	4/28/2017
NRS Reading L6	Elective	52	50	2	0	4/28/2017

Nutrition & Wellness	Elective	52	50	2	0	12/18/2015
Personal Finance v2.0	Elective	52	50	2	0	12/18/2015
Physical Education	Physical Education	52	52	0	0	6/24/2014
Physical Science A/B v.2	Science	52	52	0	0	4/13/2014
Physics A/B	Science	52	52	0	0	1/22/2016
Praxis Core Academic Skills for Educators: Mathematics, Part 1	Elective	52	50	2	0	4/28/2017
Praxis Core Academic Skills for Educators: Mathematics, Part 2	Elective	52	50	2	0	4/28/2017
Praxis Core Academic Skills for Educators: Reading, Part 1	Elective	52	50	2	0	4/28/2017
Praxis Core Academic Skills for Educators: Reading, Part 2	Elective	52	50	2	0	4/28/2017
Praxis Core Academic Skills for Educators: Writing, Part 1	Elective	52	50	2	0	4/28/2017
Praxis Core Academic Skills for Educators: Writing, Part 2	Elective	52	50	2	0	4/28/2017
Pre-Algebra A/B	Math	52	52	0	0	4/13/2014

Pre-Calculus A/B	Math	52	52	0	0	6/16/2014
Principles of Agriculture, Food & Natural Resources A/B	Elective	52	50	2	0	12/18/2015
Principles of Architecture & Construction A/B	Elective	52	50	2	0	12/18/2015
Principles of Arts, A/V Technology & Communication A/B	Elective	52	50	2	0	12/18/2015
Principles of Business, Marketing & Finance A/B	Elective	52	50	2	0	12/18/2015
Principles of Education & Training A/B	Elective	52	50	2	0	12/27/2015
Principles of Engineering & Technology A/B	Elective	52	50	2	0	12/27/2015
Principles of Government & Public Administration A/B	Elective	52	50	2	0	12/27/2015
Principles of Health Science A/B	Elective	52	50	2	0	12/27/2015
Principles of Hospitality & Tourism A/B	Elective	52	50	2	0	12/27/2015
Principles of Human Services A/B	Elective	52	50	2	0	12/27/2015

Principles of Information Technology 1A	Elective	52	50	2	0	10/21/2014
Principles of Informational Technology 1B	Elective	52	50	2	0	10/21/2014
Principles of Law, Public Safety, Corrections & Security A/B	Elective	52	50	2	0	12/27/2015
Principles of Manufacturing A/B	Elective	52	50	2	0	1/1/2016
Principles of Transportation, Distribution, & Logistics A/B	Elective	52	50	2	0	1/1/2016
Probability and Statistics v2.0	Math	52	52	0	0	11/23/2015
Professional Communication	Elective	52	50	2	0	1/1/2016
Professional Photography A/B	Elective	52	50	2	0	1/1/2016
Psychology	Elective	52	50	2	0	10/28/2014
Revolutionary Ideas in Science	Elective	52	50	2	0	5/8/2017
Science 6 A/B	Science	52	52	0	0	5/12/2017
Science 7 A/B	Science	52	52	0	0	5/12/2017
Science 8 A/B	Science	52	52	0	0	5/12/2017
SAT I Prep (Language Arts, Math)	Elective	52	50	2	0	11/10/2014
Social Issues	Elective	52	50	2	0	11/6/2014

Sociology	Elective	52	50	2	0	10/29/2014
Spanish 1 A/B	Foreign Language	52	52	0	0	1/22/2016
Spanish 2 A/B	Foreign Language	52	52	0	0	1/22/2016
Spanish 3 A/B	Foreign Language	52	52	0	0	1/22/2016
Sports, Entertainment & Recreational Marketing	Elective	52	50	2	0	1/1/2016
Structure of Writing	English	52	50	2	0	6/16/2014
TABE Language Level A	Elective	52	50	2	0	5/12/2017
TABE Language Level D	Elective	52	50	2	0	5/12/2017
TABE Language Level E	Elective	52	50	2	0	5/12/2017
TABE Language Level L	Elective	52	50	2	0	5/12/2017
TABE Language Level M	Elective	52	50	2	0	5/12/2017
TABE Mathematics Level A, Part 1	Elective	52	50	2	0	5/12/2017
TABE Mathematics Level A, Part 1	Elective	52	50	2	0	5/12/2017
TABE Mathematics Level D	Elective	52	50	2	0	5/19/2017
TABE Mathematics Level E	Elective	52	50	2	0	5/19/2017
TABE Mathematics Level L	Elective	52	50	2	0	5/19/2017



TABE Mathematics Level M	Elective	52	50	2	0	5/19/2017
TABE Reading Level A	Elective	52	50	2	0	5/19/2017
TABE Reading Level D	Elective	52	50	2	0	5/19/2017
TABE Reading Level E	Elective	52	50	2	0	5/19/2017
TABE Reading Level L	Elective	52	50	2	0	5/26/2017
TABE Reading Level M	Elective	52	50	2	0	5/126/2017
TASC Preparation- Language Arts Reading Part 1, TASC Preparation- Language Arts Reading Part 2, TASC Preparation- Preparation- Language Arts Reading Part 2, TASC Preparation- Language Arts Writing Part 1, TASC Preparation- Language Arts Writing Part 2, TASC Preparation- Mathematics Part 1, TASC Preparation- Mathematics Part 2, TASC Preparation- Science Part 1, TASC Preparation- Science Part 2, TASC Preparation- Social Studies Part 1, TASC Preparation- Social Studies Part 2	Elective	52	50	2	0	1/8/2016

TEAS-Test of Essential Academic Skills: English	Elective	52	50	2	0	5/26/2017
TEAS-Test of Essential Academic Skills: Math	Elective	52	50	2	0	5/26/2017
TEAS-Test of Essential Academic Skills: Reading	Elective	52	50	2	0	5/26/2017
TEAS-Test of Essential Academic Skills: Science	Elective	52	50	2	0	5/26/2017
Texas Algebra I A/B	Math	52	52	0	0	11/12/2018
Texas Algebra II A/B	Math	52	52	0	0	11/12/2018
Texas Biology A/B	Science	52	52	0	0	11/14/2018
Texas Dollars and Sense	Math	52	52	0	0	11/14/2018
Texas English I A/B	English	52	52	0	0	11/14/2018
Texas English II A/B	English	52	52	0	0	11/16/2018
Texas English III A/B	English	52	52	0	0	11/17/2018
Texas English IV A/B	English	52	52	0	0	11/17/2018
Texas Geometry	Math	52	52	0	0	11/19/2018
Texas Math Models and Applications	Math	52	52	0	0	11/23/2018
US Government v2.0	Social Studies	52	52	0	0	11/23/2015
US History A/B	Social Studies	52	50	2	0	1/29/2016
Web Technologies A/B	Elective	52	50	2	0	1/1/2016

World Geography A/B	Social Studies	52	50	2	0	5/14/2014
World History A/B	Social Studies	52	50	2	0	12/2/2015
World History Before 1815 and Since 1815	Social Studies	52	52	0	0	6/16/2014
World History Since 1500 A/B	Social Studies	52	50	2	0	11/27/2015
World History Survey	Social Studies	52	50	2	0	5/26/2017
*RETIRED PLATO COURSES						
American Literature A/B	English	52	52	0	0	5/8/2014
British Literature A/B	English	52	52	0	0	5/15/2014
COMPASS Test Preparation – Mathematics, COMPASS Test Preparation – Reading, COMPASS Test Preparation - Writing	Test Prep Course	52	47	2	3	1/8/2016
Computer Application Technology	Elective	52	50	2	0	6/20/2014
Computer Science 1A	Elective	52	50	2	0	6/20/2014
Computer Science 1B	Elective	52	50	2	0	5/23/2014
Digital Photography	Elective	52	50	2	0	10/6/2014
Drafting Design	Elective	52	50	2	0	10/7/2014
English 6 A/B	English	52	52	0	0	5/1/2014

Geometry A/B	Math	52	52	0	0	11/23/2015
Integrated Math A/B	Math	52	52	0	0	5/8/2014
Introduction to Accounting	Elective	52	50	2	0	5/23/2014
Introduction to Business Administration	Elective	52	50	2	0	5/23/2014
Introduction to Digital Art	Elective	52	50	2	0	5/29/2014
Introduction to Marketing	Elective	52	50	2	0	5/27/2014
Introduction to Web Design	Elective	52	50	2	0	5/29/2014
Math 7 A/B	Math	52	52	0	0	5/7/2014
Medical Terminology	Elective	52	50	2	0	10/11/2014
Parenting	Elective	52	50	2	0	10/14/2014
Personal Finance	Elective	52	50	2	0	6/9/2014
Principals of Agriculture, Food, Natural Resources	Elective	52	50	2	0	10/14/2014
Principals of Architecture Construction	Elective	52	50	2	0	10/15/2014
Principles of Arts, Audio/video Technology	Elective	52	50	2	0	5/29/2014
Principles of Business Marketing	Elective	52	50	2	0	10/18/2014
Principles of Engineering Technology	Elective	52	50	2	0	6/3/2014
Principles of Finance	Elective	52	50	2	0	6/3/2014

Principles of Health Science	Elective	52	50	2	0	6/3/2014
Principles of Hospitality and Tourism	Elective	52	50	2	0	10/20/2014
Principles of Law, Public Safety, Corrections and Security	Elective	52	50	2	0	6/9/2014
Principles of Manufacturing	Elective	52	50	2	0	10/24/2014
Principles of Marketing, Advertising, Sales	Elective	52	50	2	0	10/24/2014
Principles of Transportation, Distribution, Logistics	Elective	52	50	2	0	10/24/2014
World Literature A/B	English	52	50	2	0	5/1/2014
<b>TOTAL COURSES</b>		<b>234 courses</b>	<b>69 courses</b>	<b>165 courses</b>	<b>0 courses (only 6 individual standards)</b>	