

# COLORADO 2019 COURSE GUIDE



Odysseyware® Offers:

A robust library of standards-aligned courses, lessons, activities, media, and digital resources for grades 3-12 in various disciplines.

A dynamic, pedagogically-sound curriculum that is continually updated and regularly submitted for rigorous reviews.

Easy-to-use course customization and teacher authoring tools.

Data-rich, accessible dashboard for progress monitoring and reporting.

An optional Individualized Learning Path feature for those with NWEA™ MAP® Growth™ assessment results.



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877.795.8904

◦ = Awarded ISTE Seal of Alignment, ◦ = Quality Matters Certified, ▶ = Available early 2019

Courses in **BOLD** indicate full-year courses.

| ENGLISH LANGUAGE ARTS                                | SCIENCE  | HEALTH  |
|--|--|---|
| 3 <b>Language Arts 300</b>                           | 3 <b>Science 300</b>   | 7-8 Health Quest  |
| 4 <b>Language Arts 400</b>                           | 4 <b>Science 400</b>   | 9-12 Health Education   |
| 5 <b>Language Arts 500</b>                           | 5 <b>Science 500</b>   | 9-12 Personal and Family Living   |
| 6 <b>Language Arts 600</b> ◦                         | 6 <b>Science 600</b>   | 9-12 Physical Education   |
| 6 <b>Language Arts 600 Fundamentals</b>              | 7 <b>Science 700</b> ◦   | 9-12 Physical Fitness   |
| 7 <b>Language Arts 700</b> ◦                         | 8 <b>Science 800</b> ◦   |   |
| 7 <b>Language Arts 700 Fundamentals</b>              | 8-9 <b>Earth Science</b>   |   |
| 8 <b>Language Arts 800</b> ◦                         | 9-12 <b>Biology</b> ◦  |   |
| 8 <b>Language Arts 800 Fundamentals</b>              | 9-12 <b>Chemistry</b> ◦  |   |
| 9-12 <b>English I</b> ◦                              | 11-12 <b>Environmental Science</b>                                     |   |
| 9-12 <b>English I Fundamentals</b>                   | 9-12 <b>Integrated Physics and Chemistry</b>                           |   |
| 9-12 <b>English II</b> ◦                             | 9-12 <b>Physics</b> ◦  |   |
| 9-12 <b>English II Fundamentals</b>                  |  |   |
| 9-12 <b>English III</b> ◦                            |  |   |
| 9-12 <b>English III Fundamentals</b>                 |  |   |
| 9-12 <b>English IV</b> ◦                             |  |   |
| 9-12 <b>English IV Fundamentals</b>                  |  |   |
| <i>Spelling:</i>                                     |  |   |
| 3 Spelling 300                                       |  |   |
| 4 Spelling 400                                       |  |   |
| 5 Spelling 500                                       |  |   |
| 6 Spelling 600                                       |  |   |
|  |  |   |
| HISTORY/SOCIAL SCIENCES                              | MATHEMATICS  | BUSINESS  |
| 3 <b>History and Geography 300</b>                   | 3 <b>Mathematics 300</b>   | ◦ 9-12 <b>Business Computer Information Systems</b>                                     |
| 4 <b>History and Geography 400</b>                   | 4 <b>Mathematics 400</b>   | 9-12 Essentials of Business   |
| 5 <b>History and Geography 500</b>                   | 5 <b>Mathematics 500</b>   | 9-12 Essentials of Communication (Speech)   |
| 6 <b>History and Geography 600</b>                   | 6 <b>Mathematics 600</b> ◦   | ◦ 9-12 Technology and Research  |
| 8 <b>History and Geography 800</b>                   | 6 <b>Mathematics 600 Fundamentals</b>                                  |   |
| 7-8 <b>World Civilizations</b>                       | 7 <b>Mathematics 700</b> ◦   |   |
| 9-12 Economics                                       | 7 Mathematics 700 End of Course Test                                   |   |
| 9-12 Government                                      | 7 <b>Mathematics 700 Fundamentals</b>                                  |   |
| 9-12 <b>U.S. History Foundations to Present</b>      | 8 <b>Mathematics 800</b> ◦   |   |
| 9-12 <b>U.S. History Reconstruction to Present</b> ◦ | 8 Mathematics 800 End of Course Test                                   |   |
| 9-12 <b>World History</b>                            | 8 <b>Mathematics 800 Fundamentals</b>                                  |   |
| <i>Electives:</i>                                    | <i>Traditional Pathway:</i>  |   |
| 8 Civics ◦   | 9-12 <b>Algebra I</b> ◦  |   |
| 9-12 Civil War                                       | 9-12 Algebra I End of Course Test                                      |   |
| 9-12 Personal Financial Literacy                     | 9-12 <b>Algebra I Fundamentals</b>                                     |   |
| 9-12 Psychology                                      | 9-12 <b>Geometry</b> ◦   |   |
| 9-12 Twentieth Century American History              | 9-12 Geometry End of Course Test                                       |   |
| 9-12 Vietnam Era                                     | 9-12 <b>Geometry Fundamentals</b>                                      |   |
| 9-12 <b>World Geography</b>                          | 9-12 <b>Algebra II</b> ◦   |   |
|  | 9-12 Algebra II End of Course Test                                     |   |
|  | 9-12 <b>Algebra II Fundamentals</b>                                    |   |
|  | 9-12 <b>Pre-Calculus</b> ◦   |   |
|  | <i>Integrated Pathway:</i>   |   |
|  | 9-12 <b>Coordinate Algebra</b>   |   |
|  | 9-12 <b>Analytic Geometry</b>  |   |
|  | 9-12 <b>Advanced Algebra</b>   |   |
|  | <i>Electives:</i>  |   |
|  | 9-12 <b>Consumer Math</b>  |   |
|  | 9-12 Math Models with Applications A                                   |   |
|  | 9-12 Math Models with Applications B ▶                                 |   |
|  | 9-12 Math Models with Applications A/B End of Course Review and Test ▶ |   |
|  | 9-12 Probability and Statistics A ◦                                    |   |
|  | 9-12 Probability and Statistics B ◦                                    |   |
|  | 9-12 Probability and Statistics A/B End of Course Review and Test ◦    |   |
|  | 9-12 Trigonometry  |   |
| WORLD LANGUAGES                                      |  | FINE ARTS   |
| 9-12 <b>French I</b>                                 |  | 9-12 <b>Art History</b>   |
| 9-12 <b>French II</b>                                |  | ◦ 9-12 Digital Arts   |
| 9-12 <b>Spanish I</b>                                |  | 9-12 Media Studies  |
| 9-12 <b>Spanish II</b>                               |  | 9-12 Music Appreciation   |
| 9-12 <b>Spanish III</b>                              |  | 9-12 Music Theory   |
|  |  | ADVANCED PLACEMENT®<br>(USE WITH AP® COURSES)   |
|  |  | 9-12 <b>Calculus</b>  |
|  |  | 9-12 <b>Comparative Government and Politics</b>   |
|  |  | 9-12 <b>English Language and Composition</b>  |
|  |  | 9-12 <b>Human Geography</b>   |
|  |  | 9-12 <b>Macroeconomics</b>  |
|  |  | 9-12 <b>U.S. Government and Politics</b>  |
|  |  | 9-12 <b>U.S. History</b>  |
|  |  | ASSESSMENTS, DIAGNOSTICS<br>AND TEST-PREP RESOURCES                                     |
|  |  | K-8 SPARK Assessment and Remediation Solution for English Language Arts and Mathematics |
|  |  | 3-12 CORE Placement Tests for History, Language Arts, Mathematics, and Science          |
|  |  | 9-12 ACT® Test Prep   |
|  |  | 9-12 GED® Test Prep   |
|  |  | 9-12 HISET® Test Prep   |
|  |  | 9-12 TASC Test Assessing Secondary Completion™ Prep                                     |
|  |  | 9-12 Essentials of Language Arts  |
|  |  | 9-12 Essentials of Mathematics  |
|  |  | 9-12 Skills and Diagnostics Tests for English Grammar and Mathematics                   |

Courses in Mathematics, English Language Arts, Science, and History/Social Sciences are aligned to Colorado's Academic Standards.

- = This course was part of a group of courses reviewed by ISTE and awarded a Seal of Alignment for alignment to the ISTE Standards for Students.
- = Odysseyware courses that have met Quality Matters Course Design Standards or Quality Matters Program Review Criteria for online and blended learning.

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COLORADO 2019  
**CTE COURSES**  
 CAREER & TECHNICAL  
 EDUCATION COURSES



As more schools expand CTE programs, Odysseyware provides a wide array of courses to support all 16 career clusters.

Our rigorous, media-rich 80+ CTE courses prepare students for the workforce and post-secondary education.



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| MIDDLE SCHOOL   | HOSPITALITY & TOURISM   | HUMAN SERVICES   |
|---|---|--|
| Career Explorations I   | Introduction to Hospitality and Tourism                         | Introduction to Human Services   |
| Career Explorations II  | Food and Beverage Management                                    | Counseling and Mental Health Services                                  |
| Career Explorations III   | Food Safety and Sanitation                                      | Early Childhood Development and Services                               |
| Keyboarding and Applications  | Lodging Operations Management                                   | Family and Community Services  |
| ◦ Principles of Coding  | Marketing and Sales for Tourism and Hospitality                 | Introduction to Consumer Services                                      |
|   | Planning Meetings and Special Events                            | Introduction to Human Growth and Development                           |
|   | Sustainable Service Management for Hospitality and Tourism      | Personal Care Services   |
|   | Transportation and Tours for the Traveler                       |  |
| AGRICULTURE, FOOD & NATURAL RESOURCES                                     | INFORMATION TECHNOLOGY  | ARCHITECTURE & CONSTRUCTION  |
| Introduction to Agriculture, Food, and Natural Resources                  | ◦ Introduction to Information Technology                        | Introduction to Careers in Architecture and Construction               |
| Agribusiness Systems  | ◦ Fundamentals of Computer Systems                              | Construction Careers   |
| Animal Systems  | Fundamentals of Digital Media                                   |  |
| Environmental Service Systems   | ◦ Fundamentals of Programming and Software Development          | ARTS, A/V TECHNOLOGY & COMMUNICATIONS                                  |
| Food Products and Processing Systems                                      | ◦ Introduction to Information Technology Support and Services   | ◦ Introduction to Careers in Arts, A/V Technology, and Communications  |
| Natural Resources Systems   | ◦ Introduction to Network Systems                               | ◦ A/V Technology and Film Careers                                      |
| Plant Systems   | ◦ Network System Design   |  |
| Power, Structural, and Technical Systems                                  | ◦ New Applications: Web Development in the 21st Century         | EDUCATION & TRAINING   |
|   | ◦ Software Development Tools                                    | Introduction to Careers in Education and Training                      |
| BUSINESS MANAGEMENT & ADMINISTRATION                                      | LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY                   | Teaching and Training Careers  |
| Business Law  | Introduction to Law, Public Safety, Corrections, and Security   |  |
| Career Management   | Corrections: Policies and Procedures                            | FINANCE  |
| ◦ Office 2010 Applications I Microsoft Word®, PowerPoint®, and Publisher® | Fire and Emergency Services                                     | Introduction to Careers in Finance                                     |
| ◦ Office 2010 Applications II Microsoft Excel® and Access®                | Law Enforcement Field Services                                  | Banking Services Careers   |
| ◦ Office 2013 Applications I Microsoft Word®, PowerPoint®, and Publisher® | Legal Services  | Money Matters A  |
| ◦ Office 2013 Applications II Microsoft Excel® and Access®                | Security and Protective Services                                | Money Matters B  |
| Principles of Business and Finance  |   |  |
| Small Business Entrepreneurship   | SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM)           | MANUFACTURING  |
| ◦ Technology and Business   | ◦ Introduction to STEM  | Introduction to Careers in Manufacturing                               |
|   | Engineering and Design  | Careers in Manufacturing Processes                                     |
| HEALTH SCIENCE  | Engineering and Innovation                                      |  |
| Introduction to Careers in the Health Sciences                            | Engineering and Product Development                             | TRANSPORTATION, DISTRIBUTION & LOGISTICS                               |
| Careers in Allied Health  | ◦ Principles of Technology and Engineering                      | Introduction to Careers in Transportation, Distribution, and Logistics |
| Forensics: Using Science to Solve a Mystery                               | Science and Mathematics in the Real World                       | Careers in Logistics Planning and Management Services                  |
| Nursing: Unlimited Possibilities and Unlimited Potential                  | Scientific Research   |  |
| Physicians, Pharmacists, Dentists, Veterinarians, and Other Doctors       | ◦ STEM and Problem Solving                                      |  |
| Public Health: Discovering the Big Picture in Health Care                 |   |  |
| Scientific Discovery and Development                                      | GOVERNMENT & PUBLIC ADMINISTRATION                              |  |
| Therapeutics: The Art of Restoring and Maintaining Wellness               | Introduction to Careers in Government and Public Administration |  |
|   | National Security Careers                                       |  |
| MARKETING   |   |  |
| Introduction to Careers in Marketing                                      |   |  |
| Careers in Marketing Research   |   |  |

Odysseyware CTE courses were developed in alignment with the Career Clusters set forth by Advance CTE.

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