

## Structure of the Supplemental Online Blended Learning Program

HB16-1222

Dan Morris- Colorado Digital Learning Solutions

Supplemental Online Courses for Students that support blended learning experiences	Blended Learning Professional Develop for Teachers and support for districts
<p>Provides all districts access to:</p> <ul style="list-style-type: none"> <li>• High-quality, affordable, online/digital content and courses (see course catalog)               <ul style="list-style-type: none"> <li>○ AP Approved Courses</li> <li>○ NCAA Approved Courses</li> <li>○ Mobile Friendly</li> <li>○ Concurrent Enrollment Courses (2016-17)</li> </ul> </li> <li>• Online “infrastructure” that supports the delivery of online courses. This includes technical support, learning management system, registration support, course management and reporting, and coordination with local facilitators and staff</li> <li>• An online program that allows students to be supported locally in their home school district and flexible enough to meet local district and student needs. (see stakeholder stories)</li> <li>• Licensed and qualified online instructors for each course</li> </ul>	<p>Provides all districts access to:</p> <ul style="list-style-type: none"> <li>• High-quality professional development that builds and sustains local capacity for teachers and leaders in the use of “blended” learning strategies</li> <li>• Professional development and consulting that helps teachers and districts effectively “integrate” supplemental online and blended learning resources and practices into district and building level educational programs</li> <li>• Access to both on-site and “online” professional development for individual teachers</li> <li>• Access to professional development provided across an entire district</li> <li>• Access to district based consulting services</li> </ul>
<p>Challenges to be addressed with HB 1222:</p> <ul style="list-style-type: none"> <li>• Identifying Colorado based solutions, experts, and partnerships</li> <li>• Build on best and existing practices</li> <li>• Provide leadership and coordination</li> <li>• Provide additional funding to reduce overall costs to districts and to allow expansion of the program to support the participation of more students and more professional development opportunities for teachers.</li> <li>• Provide additional funding to support greater overall coordination and outreach</li> </ul>	

**Burlington High School**

During the 2015-2016 school year, a junior student at Burlington High School wanted to explore the possibility of graduating a year early. As a sophomore, this student was taking advanced courses in the area of math, although she was advanced in most content areas. From her national, state and district assessment scores, we knew she was far more advanced than her peers, and we would not be able to provide the necessary courses to challenge her and help her advance further. During her junior year, this school year, she asked how she could graduate a full year early. As we do not have policy surrounding this situation, our only recourse was to require completion of 24 credits, the same as all BHS graduates. At the end of her junior year, she would only have 21 credits. This is where Colorado Digital Learning Solution (CDLS) comes in. Through CDLS, we were able to offer her three courses to help her complete the required 24 credits. CDLS offered courses that both challenged our student and helped prepare her for post-secondary education. She wants to pursue a career in the medical field, and was able to take Applied Medical Terminology, which will assist her in building a solid foundation. She also took Spanish 2, Art History and Consumer Math. This young lady was academically ready for the next level of her education, and with the help of CDLS, Burlington High School was able to help our student, who was extremely advanced, achieve goals beyond the capacity within our school.

Mike Clark, Principal, Burlington HS

**Burlington District Profile**

- 832 Students
- Student took the following supplemental online courses: Applied Medical Terminology, Art History, Consumer Math, and Spanish 2 over two semesters
- Cost to district for six "student enrollments" for two semesters - \$1200

**Yuma School District**

We so appreciate and rely on the course offerings from CLDS. As a rural district, we have limited options to provide individual courses for students. We have utilized these course offerings for enrichment for students, as well as for the times when the master schedule cannot accommodate a student's course request. Additionally, we will be using these offerings exclusively for our summer credit recovery sessions. In the future, we plan to look deeper into the elective and gifted and talented offerings and advertise to students what courses are available. Without this program, our students would have limited access to a variety of courses and would not be able to be competitive with students on the front range.

Dianna Chrisman, Superintendent, Yuma School District-1

**Yuma District Profile**

- 829 students
- Students took the following supplemental online courses: American Government, English 11, Life Science, Principals of Health Science, and Professional Photography
- Cost to district for five "student enrollments" to access three courses with online instructors for one semester - \$1,000

### Otis School District

When we had a dilemma in providing educational services mid-semester for a student, CDLS was ultra-supportive! Although CDLS' classes had begun, they listened to our student's situation and dove in to support him! I am appreciative of the extensive support, communication and ease of the course set-up. The guardian of our student was able to easily set up the programming with coordination of the CDLS staff and our district. She was also able to monitor his progress easily. The student was allowed credit for the time he was in the classroom at the beginning of the semester and this mattered greatly to him! We couldn't have asked for a smoother process during a difficult situation! I am appreciative of the student-focused way of business that we experienced. The courses were of high quality and the customer service was outstanding.

Next year we will be exploring how the state supported supplementary program courses and their online instructors can support our special needs students acting as "co-teachers" with our special education instructors supporting a "blended" experience for our students in content areas we find hard to support locally.

Kendra Anderson, Superintendent, Otis School District

#### Otis District Profile

- 191 students
- Student took English, Geometry, Biology, and World History
- Cost to district for one student to take four courses with online instructors - \$800

### Soroco HS (South Routt District)

The supplemental classes that our school receives from Colorado Digital Learning Solutions is an essential part of our rural high school's schedule. Without these classes, our school would struggle to provide a schedule that meets our students' needs. As an online coordinator, the support I receive from the CDLS tech staff and the teachers is always available and successful. I know they are there for my students and me.

Brenda Little, Teacher/Online Coordinator, Soroco High School

#### South Routt District Profile

- 390 Students- 95 high school students
- Ten HS classroom teachers- includes one teacher dedicated to support supplemental online students
- Soroco HS success rate of students taking online supplemental courses is 95%.
- 37 Students took the following supplemental online courses
  - ✓ Academic Success
  - ✓ ACT English
  - ✓ Anatomy & Physiology
  - ✓ Applied Medical Terminology
  - ✓ Creative Writing
  - ✓ Earth & Space Science
  - ✓ English 11
  - ✓ Forensic Science I: Secrets of the Dead
  - ✓ Marketing, Advertising, and Sales
  - ✓ Native American Studies: Historical Perspectives
  - ✓ Personal Finance
  - ✓ Physical Education/Health
  - ✓ Psychology
  - ✓ Structure of Writing
  - ✓ U.S. Government
  - ✓ World Geography
  - ✓ World Languages
  - ✓ World Literature
- Cost to district for 82 "student enrollments" to access 18 courses with online instructors for two semesters - \$16,400

## Bayfield High School

As superintendent of the Bayfield School District, I wanted to share the deep value that supplemental courses offered through Colorado Digital Learning Solutions (CDLS) add to the learning experience that we can offer to our students. As a small rural school district, just under 1400 students, in Southwest Colorado we often struggle with expanding options and opportunities for our kids and CDLS has played a vital role in our ability to address this issue.

We have utilized many offerings available through CDLS to give our students an opportunity to take courses such as German, French, and Forensic Sciences. Each of these courses would be impossible for us to provide an instructor and therefore offer to our students. We are doing our students a disservice if we do not strive to give them the same opportunities that students in a suburban/urban area have.

Our students will be competing for the same colleges and workforce opportunities and need to have exposure to content that will enhance their ability to compete; CDLS helps us to level this playing field.

Equally in a small system, our students often struggle with the ability to take courses that may be offered at competing times within our system. There are many courses that we do not offer multiple sections and students are forced to make difficult decisions between classes they want to take. With the ability to offer courses in an online/blended setting, we can often alleviate this conflict for our students.

If there is the potential of more funding to help with the expansion and services that can be provided by CDLS, the Bayfield School District would be extremely grateful and more importantly the Bayfield School District students will be given more opportunities to build a portfolio of experiences that will serve them in their future endeavors.

Troy D. Zabel, Superintendent, Bayfield School District

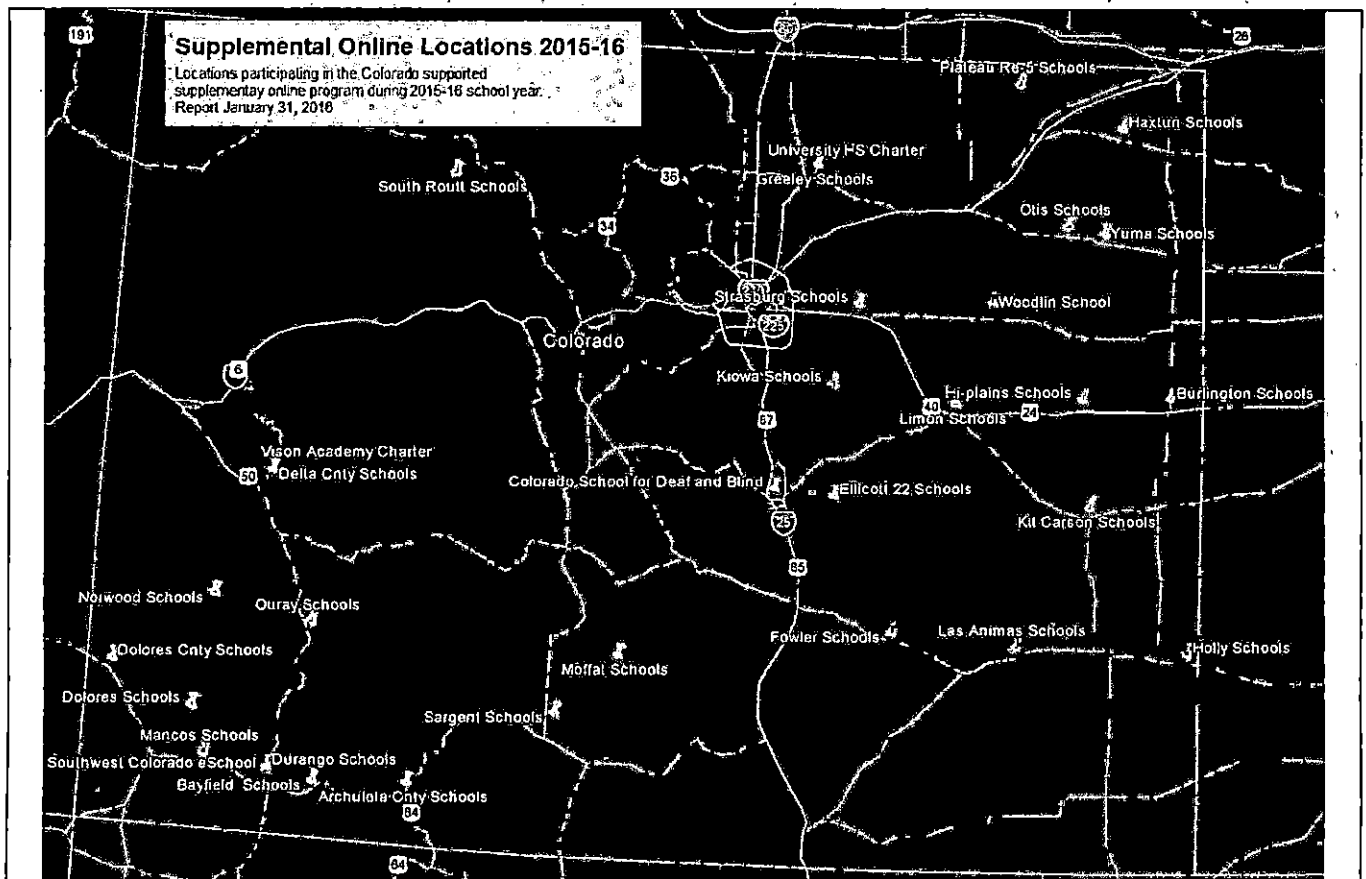
### Bayfield District Profile

- 1362 students – 348 high school students
- 32 students took the following supplemental online courses:

✓ ACT Math	✓ Geometry
✓ Anatomy & Physiology	✓ Introduction to Accounting
✓ Applied Medical Terminology	✓ Personal Psychology
✓ Consumer Mathematics	✓ Spanish 1
✓ Earth & Space Science	✓ Spanish 2
✓ Forensic Science I: Secrets of the Dead	✓ Spanish 3
✓ French 2	
- Bayfield success rate of students taking online supplemental courses is 96%.
- Cost to district for 47 "student enrollments" taking 13 courses with online instructors for two semesters - \$9,400

Participating Locations in State Supported Supplemental Online Program (Jan 2016)

	DISTRICT	BOCES	Size		DISTRICT	BOCES	Size
1	BURLINGTON	ECBOCES	Small Rural	16	HOLLY	SEBOCES	Small Rural
2	HI-PLAINS	ECBOCES	Small Rural	17	ARCHULETA CNTY	SJBOCES	Rural
3	KIOWA	ECBOCES	Small Rural	18	BAYFIELD	SJBOCES	Rural
4	KIT CARSON	ECBOCES	Small Rural	19	DOLORES CNTY 2	SJBOCES	Small Rural
5	LIMON	ECBOCES	Small Rural	20	DOLORES	SJBOCES	Small Rural
6	STRASBURG	ECBOCES	Rural	21	DURANGO	SJBOCES	Rural
7	WOODLIN	ECBOCES	Small Rural	22	MANCOS	SJBOCES	Small Rural
8	HAXTUN	NEBOCES	Small Rural	23	SWColorado eSchool	SJBOCES	
9	OTIS	NEBOCES	Small Rural	24	MOFFAT 2	SLVBOCES	Small Rural
10	PLATEAU(Peetz)	NEBOCES	Small Rural	25	SARGENT	SLVBOCES	Small Rural
11	YUMA	NEBOCES	Small Rural	26	NORWOOD	UnBOCS	Small Rural
12	SOUTH ROUTT	NWBOCES	Small Rural	27	OURAY	UnBOCS	Small Rural
13	ELLICOTT	PPBOCES	Rural	28	CO-School for Deaf & Blind		
14	LAS ANIMAS	SFTBOCES	Small Rural	29	DELTA CNTY. - Vision Academy Charter		Rural
15	FOWLER	SCBOCES	Small Rural	30	GREELEY - University HS Charter		Urban





[Colorado]

# Digital Learning Solutions

Providing Colorado's State-Supported Supplemental Online Course Program

## What You Need to Know about Colorado Digital Learning Solution's (CDLS) Supplemental Program:

- Colorado Digital Learning Solutions (CDLS) provides school districts access to high quality online courses that supplement current course offerings.
- Each online course is facilitated by a Colorado-certified instructor.
- A wide variety of courses are available at the middle and high school level, including career and technical education and elective courses.
- Courses are mobile friendly or optimized for mobile devices.
- CDLS and the local district work together to provide students on-site "facilitators" and support. Local facilitators can be counselors, administrators, teachers, para-professionals or a combination. This model has had a 70% or better successful completion rate for students participating in the program. The successful completion rate is determined by those students who complete courses with a final grade of 60% or higher.
- In working with school districts, CDLS provides all necessary progress reports and information on student progress.
- The cost is \$200 per student per course (courses are a semester long).

### What CDLS is NOT:

CDLS is not an online school. A school district works with CDLS to decide how to utilize the courses available based on the needs of the student.

### How School Districts can use CDLS online courses:

Colorado Digital Learning Solution's supplemental course model supports many different student use cases. Based on specific student needs, CDLS will work with a school district to find the right solution, including accommodating specific registration/enrollment requests during the semester.

## Typical Use Cases for Districts and Students

In working with a school district, Colorado Digital Learning Solutions can help districts:

- Offer courses that the district can't offer due to insufficient enrollment or lack of a qualified teacher.
- Offer a needed course that students can't take in their school district because of a scheduling conflict with other courses.
- Provide access to online courses for students unable to attend school.
- Provide a way for students who start school late to catch up via online courses.
- Provide access to courses for students who were suspended.
- Provide advanced and additional course options that the district does not offer (including electives, career and technical education, and language courses).
- Offer students opportunities for credit recovery.
- Address specific teacher shortages in critical content areas

To see what the CDLS platform looks like from the student's view, go to the student's orientation video at: <http://tinyurl.com/CDLSStudent>



# CDLS

[www.ColoradoDLS.org](http://www.ColoradoDLS.org)  
[info@coloradodls.org](mailto:info@coloradodls.org)  
(720) 458-4154

## Upcoming Semester Info

### Summer 2016 Semester

June 6 - July 29, 2016

Registration runs May 9 - June 10, 2016

### Fall 2016 Semester

August 22 - December 16, 2016

Registration runs August 8 - September 9, 2016

If you have specific registration needs, please contact us and we'll work with you to find a solution!

For more information visit our website and click *Registration* on the homepage.

### For more information contact:

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# [Colorado] Digital Learning Solutions

Providing Colorado's State-Supported Supplemental Online Course Program

CORE Courses | Middle School Courses | Credit Recovery | Standards-Based | 21 Century Learning

Colorado Digital Learning Solutions (CDLS) provides a wide variety of supplemental online courses for middle school and high school students in all performance ranges, from at-risk to advanced students. Our supplemental course model supports many different student use cases, including credit retrieval, advanced courses, curriculum enhancement and/or to resolve scheduling conflicts. For more information visit [www.Coloradodls.org](http://www.Coloradodls.org), or contact us at (720) 458-4154 or [info@coloradodls.org](mailto:info@coloradodls.org)

- Quality, Rigorous Content Powered by Edmentum™ PLATO
- Assignments Highlighting 21st Century Skills
- NCAA Approved Courses
- Extensive Course Titles including High School, Middle School and CTE course offerings
- Experienced Online Teachers & Administration Support
- Unique solutions for unique use cases
- Mobile Friendly or Optimized for Mobile Devices
- Affordable: \$200 per course enrollment
- Course Support Network with 21st Century Analytics
- AP Course Offerings Coming Fall 2016 (pending final College Board approval)

### Unique Students, Unique Solutions

If you have unique student needs, CDLS will work with you to find the right solution, including accommodating special registration/enrollment requests during the semester. In addition, if you need a course that is not included on the course list, let us know!

*The supplemental courses have allowed our students to take classes that are normally not offered at our school. It has opened up so many new possibilities for our students and given them more investment in their education by allowing them to take courses they are interested in.* -Site Coordinator Bayfield HS

### Flip over for the Fall 2016 course list

*The supplemental classes that our school receives from Colorado Digital Learning Solutions is an essential part of our rural high school's schedule. Without these classes our school would struggle to provide a schedule that meets our students' needs. As an online coordinator the support I receive from the CDLS tech staff and the teachers is always available and successful. I know they are there for my students and me.* -Site Coordinator, Soroco HS (South Routt Dist)

### Upcoming Semesters

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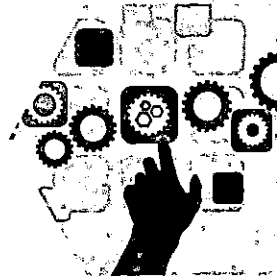


## VISION

Provide Colorado students with expanded access to high quality, affordable supplemental coursework options

Support and demonstrate best practices in building and sustaining online and blended learning programs and opportunities for students

Build capacity that promotes sustainable systems in blended learning through consulting and professional development for teachers and educational leadership



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# FALL 2016 Course Offerings

CDLS generally offers Semester 1 of each course (as indicated below) during the Fall semester. Upon request, we will open Semester 2 (if available). If there is a course that you need that is not listed below, please contact us and we will work with you!

## Electives

Academic Success  
 Art History & Appreciation  
 Career Explorations  
 Digital Photography  
 Health  
 Music Appreciation  
 Personal Finance  
 Physical Education  
 Personal Psychology: The Road to Self Discovery  
 Personal Psychology: Living in Complex World  
 Social Issues  
 Sociology

## Career Technical Education

Accounting - Semester 1  
 Applied Medical Terminology - Sem 1  
 Computer Programming I - Sem 1  
 Criminology: Inside the Criminal Mind  
 Forensic Science: Secrets of the Dead  
 Game Development  
 Graphic Design & Illustration  
 Law & Order  
 Marketing, Advertising, and Sales  
 Principles of Arts - Audio/Video Technology & Communications  
 Principles of Business, Marketing & Finance - Semester 1  
 Principles of Health Science - Sem 1  
 Principles of Law, Public Safety, Corrections, & Security  
 Web Technologies

- Almost all courses are either mobile friendly or optimized for mobile
- Courses are NCAA Approved
- $\Delta$  NGSS-aligned course

## Language Arts

ACT English  
 Creative Writing  
 English 6 - Semester 1  
 English 7 - Semester 1  
 English 8 - Semester 1  
 English 9 - Semester 1  
 English 10 - Semester 1  
 English 11 - Semester 1  
 English 12 - Semester 1  
 Structure of Writing  
 World Literature - Semester 1\*  
 \*Text book required

## Mathematics

ACT Math  
 Algebra 1 - Semester 1  
 Algebra 2 - Semester 1  
 Consumer Mathematics  
 Geometry - Semester 1  
 Math 6 - Semester 1  
 Math 7 - Semester 1  
 Math 8 - Semester 1  
 Pre-Calculus - Semester 1  
 Probability & Statistics

## World Languages

French 1 - Semester 1  
 French 2 - Semester 1  
 German 1 - Semester 1  
 German 2 - Semester 1  
 Spanish 1 - Semester 1  
 Spanish 2 - Semester 1  
 Spanish 3 - Semester 1

## Science

ACT Science Reasoning  
 Anatomy & Physiology - Semester 1  
 Astronomy: Exploring the Universe  
 Biology - Semester 1  $\Delta$   
 Biotechnology  
 Chemistry - Semester 1  $\Delta$   
 Earth & Space Science - Semester 1  $\Delta$   
 Integrated Physics & Chemistry - Sem 1  $\Delta$   
 Life Science - Semester 1  $\Delta$   
 Physical Science - Semester 1  $\Delta$   
 Physics - Semester 1  $\Delta$

## Social Studies

African American Studies  
 Civics - Semester 1  
 Economics - Semester 1  
 History of the Holocaust  
 Middle School U.S. History - Sem 1  
 Middle School World History - Sem 1  
 Native American Studies:  
     Contemporary Perspectives or  
     Historical Perspectives  
 U.S. Government  
 U.S. History - Semester 1  
 World Geography - Semester 1  
 World History - Semester 1

## Potential AP Course Offerings\*

AP Computer Science/Programming  
 AP Biology - Semester 1  
 AP Chemistry - Semester 1  
 AP Calculus - Semester 1  
 AP Literature & Composition - Semester 1  
 AP U.S. History - Semester 1

\*pending final College Board approval

