



MTDA
Montana Digital Academy

Update to the Legislature

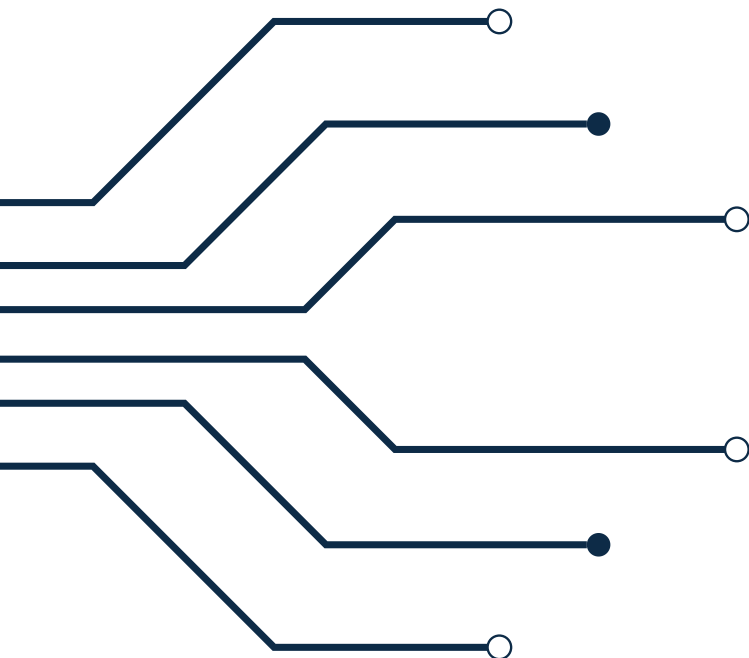
Education Interim Committee

November 2023

Submitted by

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Assistant Director | Curriculum Director



Montana Digital Academy 101

The Basics

- MTDA was created by the 2009 legislature to provide asynchronous online courses to K-12 Montana students through Montana public schools.
- To offer Montana students the greatest flexibility to meet their schedules, MTDA provides all courses in an asynchronous way so that students can access their class 24/7.
- MTDA is built to be a supplemental course provider, not a full-time school.
- Under the guidance of MTDA teachers, students move through the course material with their peers. Students have weekly due dates.
- MTDA engages certified teachers actively employed in a Montana public school. MTDA teaching duties occur outside of the traditional school day. MTDA also offers tutoring services to students during the day and on evenings and weekends.
- MTDA's largest program, Original Credit (OC), provides 80+ semester-based courses during fall and spring (Health Occupations, Native American Studies, Algebra, e.g.).
- MTDA OC course sections enroll up to 25 students to maintain a class load similar to face-to-face programs.

OC HIGH SCHOOL ORIGINAL CREDIT

- 89 course offerings including AP® and Dual Credit
- Traditional semester offerings
- 1 to 6 enrollments per semester
- 4-7 hours per course per week
- \$123 school cost-share per enrollment

mtda.link/oc

MS MIDDLE SCHOOL COURSES

- 20 course offerings
- Traditional semester offerings
- 1 to 6 enrollments per semester
- 4-7 hours per course per week
- \$123 school cost-share per enrollment

mtda.link/ms

FlexCAP

- For students who need additional flexibility
- Open enrollment within the school year
- Proficiency based
- Delivered at the local school
- \$61.50 school cost-share per quarter enrollment

mtda.link/flexcap

Specialized Program

In our partnerships, we have found many scenarios where districts need an online option that exceeds the design of our essential programs. The **IPC option** helps to address that need and acknowledges the additional shared cost of offering a specialized program.

IPC HIGH SCHOOL INDIVIDUALIZED PATHWAY COURSE

- Flexible beyond traditional semesters
- 15 core course offerings
- No enrollment limit
- \$99 per quarter
- Low teacher to student ratio
- Contact MTDA for a consultation

The Asynchronous Course Experience

Asynchronous learning allows for interaction between teachers and students to occur any time that is convenient to them within well-defined timelines. MTDA courses are solely asynchronous to eliminate the need for school schedules to coordinate.

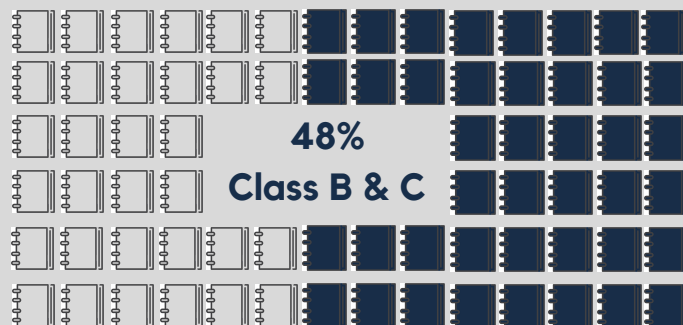




Expanding Learning Opportunities

The following shows how MTDA expands the current course offerings at actual Class B and C Montana public high schools.

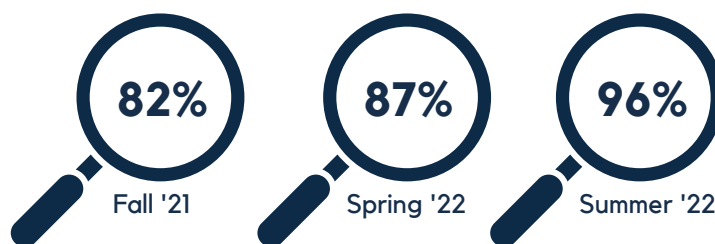
 = Local Offerings  = MTDA Additions



Student Perceptions of their MTDA Experience

"It was good, honestly. The MTDA program is so put together and organized!"

"I've taken MTDA courses since my sophomore year (I am a senior this year) and it has tremendously helped me with my time management skills, as well as being able to communicate with teachers. I have also been to branch out more when it comes to the classes that I am able to take."



Overall, are you satisfied with your Montana Digital Academy course?

Components of a Successful MTDA Learning Experience

The Student

- self-directed learner and demonstrates a high level of comfort in new material without real-time feedback from teachers to follow basic directions.
- strong computer skills and experience using a word processor, email and Internet browsers.
- create and stick to a daily schedule that allows for a minimum of 4-7 hours per course per week of engagement time.
- willing to reach out when they have questions.

The Teacher

- licensed Montana teacher actively employed with a Montana public school.
- willing to work part time, after school, on a daily schedule for MTDA throughout the semester.
- expert communicator via email and phone on a daily basis.
- committed to providing rich feedback to every student on every assignment.

The Content

- mix of text, short videos, engaging graphics and charts, and audio presented through an internet based learning management system
- contain interactive experiences to allow students to review their learning while receiving immediate feedback
- meets Montana K-12 content state standards
- forum discussions, assignment submission, quizzes, and exams throughout each course



The Benefits of Asynchronous Learning

What is Asynchronous Learning?

Asynchronous learning allows for interaction between teachers and students to occur any time that is convenient to them within well-defined timelines (usually a weekly lesson or longer-term project). MTDA courses are solely asynchronous to eliminate the need for school schedules to coordinate to allow for state scalability.

Why MTDA Utilizes Asynchronous Learning

Statewide Access

Allows maximum student access because students can access their course anytime and anywhere.

Montana Teachers



Provides the opportunity to hire licensed Montana teachers who are actively teaching at their local school to work part-time for MTDA outside of their contract hours.

More Learner Control

Student controls the pace within weekly deadlines and has the ability to rewatch videos or work through interactive content numerous times before starting an assignment or quiz. This provides additional think time for the student vs. a traditional classroom environment



Flexibility



Students who lack at-home internet service can still access their course at school and in other connected locations because the content is always available.

Nationally Tested Model of Success

MTDA is just one of 20 states that provide a statewide supplemental online course with a teacher. In 2020, over 1 million students were served across the country in statewide programs like MTDA, utilizing asynchronous learning.



2010 - 2023

86%

MTDA Passing Rate
OC Courses

49,226

Successful
Enrollments



High School Original Credit/Dual Credit Course List for Spring 2024

Updated 11/01/2023

All courses that are NOT listed as single semester courses are year-long courses. The first semester is offered during the Fall semester only.

Career and Technical Education

- AHMS144.50-Medical Terminology Dual Credit (single semester) - * #
- AP® Computer Science A
- Computer Science I: Joy and Beauty of Computing-HIGH SCHOOL (single semester)
- CSC107-Computer Science I: Joy and Beauty of Computing-DUAL CREDIT (single semester)+ #
- Cybersecurity (single semester)
- **EDEC 247 - Child & Adolescent Growth & Development - @# NEW**
- EDU101US-Introduction to Education Seminar-DUAL CREDIT (single semester)^#
- Entrepreneurship (single semester)
- Google Workspace Career Tech (single semester)
- Health Occupations (single semester)
- Hospitality and Tourism Marketing (single semester)
- **Jobs for Montana Graduates (Single Semester) - NEW#**
- Microsoft® Office Career Tech (single semester)
- Personal Finance (single semester)
- Principles of Agriculture# (single semester)
- Public & Global Health (single semester)
- Sports and Entertainment Marketing (single semester)
- Video Production (single semester) -#

Family & Consumer Science

- Interior Design (single semester)
- Now We're Cooking: An Introduction to Culinary Arts (single semester)

Indigenous Studies

- Native American Studies (single semester)

Fine Arts

- AP® Art History
- Art History/Appreciation (single semester)
- Digital Photography (single semester)
- **EDU2041A - Creative Arts and Lifelong Learning ^ # NEW**

English/Language Arts

- AP® Language and Composition
- AP® Literature and Composition
- Creative Writing (single semester)
- English 1
- English 2
- English 3
- English 4
- Gothic Literature: Monster Stories (single semester)
- Journalism (single semester)
- MTDA Book Club: Utopian and Dystopian Literature (single semester)
- Mythology and Folklore (single semester)
- WRIT101-College Writing DUAL CREDIT+ (single semester) - #

Health and Physical Education

- Anatomy and Physiology
- Health (single semester)
- Physical Education I (single semester)
- Physical Education II (single semester)
- Sports Officiating (single semester)

Mathematics

- Algebra 1
- Algebra 2 with Trigonometry
- AP® Calculus AB
- AP® Statistics
- Geometry
- Intro. to Statistics (single semester)
- M105-Contemporary Math-DUAL CREDIT+ (single semester)
- M121-College Algebra -DUAL CREDIT+ (single semester) - #
- M151-Pre-Calculus-DUAL CREDIT*
- Pre-Algebra
- Pre-Calculus

Music

- Music Appreciation (single semester)

Science

- AP® Biology
- AP® Environmental Science
- Astronomy (single semester)
- Biology
- Chemistry
- Earth Science
- Oceanography (single semester)
- Physics
- Veterinary Science (single semester)

Social Studies & History

- American Government/Single Semester (single semester)
- American Government/Year Long

- AP® Government and Politics
- AP® Human Geography
- AP® Macroeconomics (single semester; Spring Only)
- AP® Microeconomics (single semester; Fall Only)
- AP® Psychology
- AP® US History
- Criminology (single semester)
- Global Studies
- HSTA 102H-US History II - DUAL CREDIT* (Single Semester; Spring Only)#
- Montana History (single semester)
- Psychology (single semester)
- US History
- World History

Indigenous Language

- Cree Indigenous Language (single semester) - #
- Crow Indigenous Language (single semester) - #

World Languages

- French 1
- French 2
- French 3
- German 1#
- German 2#
- Irish Language Studies 1 (delivered by the UM Irish Studies Program)
- Spanish 1
- Spanish 2
- Spanish 3

* Dual Credit with the Missoula College of the University of Montana

+ Dual Credit with Helena College of the University of Montana

^ Dual Credit with Gallatin College of Montana State University

@ Dual Credit with Western College of the University of Montana

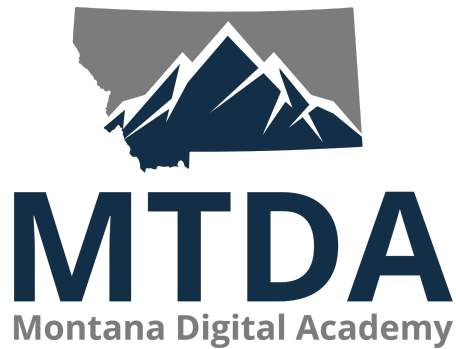
These courses have enrollment caps and are available first-come, first-served.

Montana Digital Academy

406-203-1812

support@montanadigitalacademy.org

An always up-to-date version of this document is always available at <http://mtda.link/oclist>



Middle School
Course List for Spring 2024
Updated 11/01/2023

All courses that are NOT listed as single semester courses are year-long courses. The first semester is offered during the Fall semester only.

Career and Technical Education

- Exploring Health Science (Single Semester)

Computer Science

- Scratch Coding (Single Semester) #

Indigenous Studies

- Native American Studies (Single Semester)

Fine Arts

- 2D Art (Single Semester)

Social Studies & History

- Social Studies 6 [Ancient World Focus]
- Social Studies 7 [US History Focus]
- Social Studies 8 [Government and Civics Focus]

World Language

- Spanish (Single Semester) #
- French (Single Semester) #

English/Language Arts

- English 6
- English 7
- English 8

Health and Physical Education

- Health (Single Semester)

Mathematics

- Math 6
- Math 7
- Math 8

Music

- Exploring Music (Single Semester) #

Science

- Science 6 [Life Science Focus]
- Science 7 [Earth Science Focus]
- Science 8 [Physical Science Focus]

Montana Digital Academy is a *course access* provider, which means that students are expected to be at grade level when enrolled in courses.

These courses have enrollment caps and are available first-come, first-served.

Montana Digital Academy

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An always up-to-date version of this document is always available at <http://mtda.link/mscourses>



2023-2024 High School FlexCAP Course List

All MTDA FlexCAP courses are in a two-quarter-part format. Students must take and complete each part to receive a recommendation for a semester-long credit.

Department	Courses
English/Language Arts	English 1A (Part 1, Part 2) English 1B (Part 1, Part 2) English 2A (Part 1, Part 2) English 2B (Part 1, Part 2) English 3A (Part 1, Part 2) English 3B (Part 1, Part 2) English 4A (Part 1, Part 2) English 4B (Part 1, Part 2)
Health and Physical Education	Health (1 semester) (Part 1, Part 2)
Mathematics	Pre-Algebra A (Part 1, Part 2) Pre-Algebra B (Part 1, Part 2) Algebra 1A (Part 1, Part 2) Algebra 1B (Part 1, Part 2) Geometry A (Part 1, Part 2) Geometry B (Part 1, Part 2) Algebra 2A (Part 1, Part 2) Algebra 2B (Part 1, Part 2)
Science	Earth Science A (Part 1, Part 2) Earth Science B (Part 1, Part 2) Biology A (Part 1, Part 2) Biology B (Part 1, Part 2)
Social Studies and History	American History A (Part 1, Part 2) American History B (Part 1, Part 2) Geography A (Part 1, Part 2) Geography B (Part 1, Part 2) Government A (Part 1, Part 2) Government B (Part 1, Part 2) World History A (Part 1, Part 2) World History B (Part 1, Part 2)

MONTANA DIGITAL ACADEMY

FY SUMMARY COMPARISON	2022-2023						
	OC	OC-AP	OC-DE	Flex/IPC	TOTAL	#	AVG ENRs
AA DISTRICTS	1190	44	17	921	2172	991	2.2
A DISTRICTS	371	87	34	386	878	465	1.9
B DISTRICTS	671	63	24	227	991	563	1.8
C DISTRICTS	915	42	97	230	1284	705	1.8
ELEMENTARY DISTRICTS	417	0	0	12	429	263	1.6
	3564	236	172	1776	5754	2987	1.9
	62%	4%	3%	31%			
		69%					

	2021-2022						
	OC	OC-AP	OC-DE	CR	TOTAL	#	AVG ENRs
AA DISTRICTS	918	67	3	1248	2236	1162	1.9
A DISTRICTS	311	59	0	231	601	390	1.5
B DISTRICTS	645	53	0	225	923	522	1.8
C DISTRICTS	816	37	22	184	1059	608	1.7
ELEMENTARY DISTRICTS	133	1	0	0	134	111	1.2
	2823	217	25	1888	4953	2793	1.8
	57%	4%	1%	38%			
		62%					

	2020-2021							
	OC	OC-AP	OC-DE	CR	MSL	TOTAL	# UNIQUE	AVG ENRs
AA DISTRICTS	1890	185	14	668	1	2758	1694	1.6
A DISTRICTS	789	113	5	219	3	1129	681	1.7
B DISTRICTS	853	80	29	135	11	1108	723	1.5
C DISTRICTS	1127	65	42	76	48	1358	923	1.5
ELEMENTARY DISTRICTS	12	0	0	0	13	25	20	1.3
	4671	443	90	1098	76	6378	4041	1.6
	73%	7%	1%	17%	1%			
		81%						

	2019-2020							
	OC	OC-AP	OC-DE	CR	MSL	TOTAL	# UNIQUE	AVG ENRs
AA DISTRICTS	1461	89	7	967	1	2525	1415	1.8
A DISTRICTS	659	88	2	280	13	1042	667	1.6
B DISTRICTS	862	101	7	122	153	1245	714	1.7
C DISTRICTS	1196	39	23	126	398	1782	1047	1.7
ELEMENTARY DISTRICTS	10	0	0	0	168	178	139	1.3
	4188	317	39	1495	733	6772	3982	1.7
	62%	5%	1%	22%	11%			
		68%						

	2018-2019							
	OC	OC-AP	OC-DE	CR	MSL	TOTAL	# UNIQUE	AVG ENRs
AA DISTRICTS	1608	74	6	1173	17	2878	1692	1.7
A DISTRICTS	661	58	3	329	33	1084	706	1.5
B DISTRICTS	908	96	12	148	122	1286	740	1.7
C DISTRICTS	1036	45	28	151	313	1573	861	1.8
ELEMENTARY DISTRICTS	4	0	0	0	268	272	165	1.6
	4217	273	49	1801	753	7093	4164	1.7
	59%	4%	1%	25%	11%			
		64%						

	2017-2018							
	OC	OC-AP	OC-DE	CR	MSL	TOTAL	# UNIQUE	AVG ENRs
AA DISTRICTS	1375	87	2	1276	1	2741	1579	1.7
A DISTRICTS	706	62	2	340	66	1176	736	1.6
B DISTRICTS	812	92	1	171	88	1164	637	1.8
C DISTRICTS	1059	68	2	125	203	1457	832	1.8
ELEMENTARY DISTRICTS	2	0	0	0	150	152	95	1.6
	3954	309	7	1912	508	6690	3879	1.7
	59%	5%	0%	29%	8%			
		64%						

MONTANA DIGITAL ACADEMY		2022-2023		2021-2022		2020-2021		2019-2020		2018-2019		2017-2018		Grand Total	
		ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students
ABSAROCKE PS	1	25	21	27	17	31	20	38	25	28	21	24	15	173	119
ALBERTON PS	2	3	3	9	5	21	13	36	20	8	6	12	6	89	53
ANACONDA PS	3	47	27	35	22	30	18	31	27	86	49	69	41	298	184
ANDERSON ELEM DISTRICT	4	1	1			12	10			2	2			15	13
ARLEE PS	5	70	34	75	40	19	15	33	23	17	11	20	14	234	137
ASHLAND ELEM DISTRICT	6	13	13	7	7			11	11					31	31
AUGUSTA PS	7	16	10	25	18	36	18	36	19	34	20	35	20	182	105
BAINVILLE PS	8	19	16	12	9	37	33	31	20	12	11	14	5	125	94
BAKER PS	9	2	2	3	3	2	2	2	2	1	1	5	3	15	13
BEAVERHEAD CO HS	10	94	51	109	60	29	14	30	18	29	16	14	9	305	168
BELFRY PS	11	12	9	14	10	9	8	2	2	2	1	1	1	40	31
BELGRADE PS	12	23	8	31	8			43	28	7	5	7	7	111	56
BELT PS	13	5	3	15	8	12	6	13	9	18	8	12	4	75	38
BIG SANDY PS	14	1	1	5	2	15	11	19	14	28	17	11	8	79	53
BIG SKY PS	15	18	11	15	7	13	8	12	10	21	9	58	27	137	72
BIGFORK PS	16	25	17	52	34	84	46	87	30	78	27	122	39	448	193
BILLINGS PS	17	450	111	103	65	443	263	179	98	122	67	91	60	1,388	664
BOX ELDER PS	18			5	2	3	2	1	1	20	11			29	16
BOZEMAN PS	19	398	173	561	230	327	251	446	267	479	312	329	199	2,540	1,432
BRIDGER PS	20	3	3	2	2	4	3	2	1	3	2	1	1	15	12
BROADUS PS	21	31	17	19	12	25	17	29	13	35	20	23	15	162	94
BROADVIEW PS	22	15	10	1	1	12	12	66	24	77	26	69	24	240	97
BROCKTON PS	23									2	1	5	5	7	6
BROWNING PS	24	13	7			4	3	18	8	12	6	20	15	67	39
BUTTE PS	25	18	9	33	17	37	20	37	25	49	37	64	48	238	156
CANYON CREEK ELEM DISTRICT	26													0	0
CASCADE PS	27	12	7	2	1	41	31	17	15	12	6	12	6	96	66
CAYUSE PRAIRIE ELEM DISTRICT	28	2	1											2	1
CENTERVILLE PS	29					31	26	74	39	22	14	11	7	138	86
CHARLO PS	30	40	21	55	30	35	28	56	34	37	23	69	41	292	177

MONTANA DIGITAL ACADEMY		2022-2023		2021-2022		2020-2021		2019-2020		2018-2019		2017-2018		Grand Total	
		ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students
CHESTER-JOPLINE-INVERNESS PS	31	26	16	20	10	40	30	69	32	22	14	20	13	197	115
CHINOOK PS	32	22	11	15	9	20	19	19	9	20	11	18	10	114	69
CHOTEAU PS	33	36	18	30	16	30	17	56	25	57	31	47	27	256	134
CIRCLE PS	34	9	5	6	3	6	6	30	16	14	8	4	2	69	40
CLANCY ELEM DISTRICT	35							1	1					1	1
CLINTON ELEM DISTRICT	36									34	17	88	44	122	61
COLSTRIP PS	37	8	4			2	1			5	3			15	8
COLUMBIA FALLS PS	38	23	16	16	11	83	40	27	18	20	15	45	32	214	132
COLUMBUS PS	39	6	3	10	7	22	16	13	11	100	50	65	35	216	122
CONRAD PS	40			9	4			25	19	14	12	38	19	86	54
CORVALLIS PS	41			26	14	60	36	38	24	54	35	55	33	233	142
CULBERTSON PS	42													0	0
CUSTER PS	43	24	12	10	7	3	3	1	1			7	4	45	27
CUT BANK PS	44			1	1	27	17	60	53	67	67	38	33	193	171
DARBY PS	45	18	15	1	1	1	1			1	1	3	2	24	20
DENTON PS	46					2	2			1	1	2	2	5	5
DESMET ELEM DISTRICT	47	10	3					19	12	46	23			75	38
DODSON PS	48													0	0
DEER PARK ELEM	49	1	1	6	2									7	3
DILLON ED		70	70											70	70
DRUMMOND PS	50	29	17	11	5	6	5	19	12	27	19	100	66	192	124
DUTTON BRADY PS	51	11	7	14	9	20	15	10	6			2	2	57	39
EAST HELENA PS	52	152	69	58	46	26	18	22	15	1	1			259	149
EKALAKA PS	53			5	5	6	6	14	10	15	6	5	3	45	30
ELYSIAN ELEMENTARY DISTRICT	54	2	2			4	2	2	1			2	2	10	7
ENNIS PS	55	40	20	27	21	38	26	29	20	51	27	31	22	216	136
EUREKA PS	56	129	53	69	43	62	36	131	72	141	71	67	42	599	317
EVERGREEN ELEM	57			9	5									9	5
FAIRFIELD PS	58	9	8	28	19	81	50	48	24	34	21	53	28	253	150
FAIR-MONT-EAGAN ELEM DISTRICT	59	4	2	5	5									9	7

MONTANA DIGITAL ACADEMY		2022-2023		2021-2022		2020-2021		2019-2020		2018-2019		2017-2018		Grand Total	
		ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students
FAIRVIEW PS	60							3	3			16	14	19	17
FLORENCE-CARLTON PS	61	97	54	103	56	107	82	92	49	62	32	70	40	531	313
FORSYTH PS	62	10	6	10	6	28	22	52	33	50	27	32	21	182	115
FORT BENTON PS	63					59	42	14	9	56	38	10	7	139	96
FRAZER PS	64													0	0
FRENCHTOWN PS	65	12	10	26	15	94	57	70	46	81	45	137	69	420	242
FROID PS	66	41	17	18	9	11	11	2	2	4	4	8	6	84	49
FROMBERG PS	67	10	10	6	5	11	11	40	29	41	23	46	25	154	103
GARDINER PS	68	41	17	33	18	55	35	94	42	77	33	30	17	330	162
GERALDINE PS	69	1	1	1	1	3	3	14	12	40	18	6	6	65	41
GEYSER PS	70	7	5	8	3	9	6	2	2	9	6	5	3	40	25
GLASGOW PS	71					22	16	12	12	11	11	16	15	61	54
GLENDIVE PS	72	43	23	66	41	62	42	45	32	58	35	51	37	325	210
GRASS RANGE PS	73	28	15					5	5	8	2	10	1	51	23
GREAT FALLS PS	74	152	81	49	28	515	374	130	67	170	102	104	55	1,120	707
GREENFIELD ED		1	1											1	1
HAMILTON PS	75	29	15	8	7	15	11	42	27	60	32	65	36	219	128
HARDIN PS	76	14	11	8	7	26	15	13	8	23	20	27	16	111	77
HARLEM PS	77					1	1	13	9	6	6	7	3	27	19
HARLOWTON PS	78	5	5	7	6	16	12	9	9	7	5	22	13	66	50
HARRISON PS	79	14	6	10	6	16	13	14	9	26	12	24	6	104	52
HAVRE PS	80	153	60	44	32	77	53	31	26	30	25	36	27	371	223
HAYS LODGE POLE PS	81													0	0
HEART BUTTE	82	26	19											26	19
HELENA FLATS ELEM DISTRICT	83							10	5					10	5
HELENA PS	84	625	296	614	296	326	200	389	225	555	315	576	315	3,085	1,647
HELLGATE ELEM DISTRICT	85							1	1	2	2			3	3
HIGHWOOD PS	86	25	15	24	21	10	6	3	2	11	6	6	1	79	51
HINSDALE PS	87	5	4	11	4	11	7	11	7	33	21	14	10	85	53
HOBSON PS	88	11	6	8	6	7	6	12	6	7	3	7	6	52	33

MONTANA DIGITAL ACADEMY		2022-2023		2021-2022		2020-2021		2019-2020		2018-2019		2017-2018		Grand Total	
		ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students
HOT SPRINGS PS	89	3	2	16	9	11	6	11	6	5	3	38	23	84	49
HUNTLEY PROJECT PS	90	22	11	18	10	52	36	14	10	23	18	26	20	155	105
HYSHAM PS	91			24	11	7	6	16	10	3	2	2	1	52	30
JEFFERSON PS	92	59	21	63	27	40	28	63	29	110	63	23	11	358	179
JOLIET PS	93	8	6	3	2	29	22	127	53	36	21	16	9	219	113
JORDON PS	94			1	1	1	1	3	2					5	4
JUDITH GAP PS	95	18	8	4	3	1	1			3	3	21	13	47	28
KALISPELL PS	96	410	250	585	352	435	242	519	295	728	402	658	369	3,335	1,910
KILA ELEM DISTRICT	97									12	12			12	12
KINSEY ELEM DISTRICT	98							17	10					17	10
LAMBERT PS	99			9	7	3	3	4	3	8	4	2	2	26	19
LAME DEER PS	100	1	1	3	2	5	5	6	3	15	8	2	1	32	20
LAUREL PS	101	199	110	127	82	218	126	226	132	177	123	175	111	1,122	684
LAVINA PS	102	4	4	4	1	8	8	22	11	6	6	14	7	58	37
LEWISTOWN PS	103	32	17	27	17	17	11	1	1	2	1	27	18	106	65
LIBBY PS	104					26	16	43	30	72	60	64	54	205	160
LIMA PS	105			8	6	7	7	8	5	6	4	3	1	32	23
LINCOLN PS	106	8	7	7	4	3	3	13	6	19	14	9	8	59	42
LIVINGSTON PS	107	15	8	8	5	36	26	33	25	99	61	104	61	295	186
LOCKWOOD PS	108	74	26	5	4	33	21	10	7	6	3			128	61
LODGE GRASS PS	109							6	4					6	4
LOLO ELEM DISTRICT	110					3	3	30	30	36	36	27	27	96	96
LONE ROCK ELEM DISTRICT	111					3	2	5	3			2	1	10	6
MALTA PS	112			7	7	27	15	49	30	45	22	21	13	149	87
MARION ED		6	6											6	6
MANHATTAN PS	113	65	48	44	33	43	32	41	26	25	17	21	11	239	167
MEDICINE LAKE PS	114					24	16	18	10	33	23	5	3	80	52
MELSTONE PS	115	16	9	18	9			5	4	13	11	5	3	57	36
MILES CITY PS	116	2	1					3	2	1	1			6	4
MISSOULA CPS	117	223	97	273	175	675	344	825	438	775	457	919	533	3,690	2,044

MONTANA DIGITAL ACADEMY		2022-2023		2021-2022		2020-2021		2019-2020		2018-2019		2017-2018		Grand Total	
		ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students
MONTANA CITY ELEM DISTRICT	118			1	1							9	8	10	9
MONTANA SCHOOL FOR DEAF & BLIND	119					2	1		2			1	1	3	4
MOORE PS	120	9	5	1	1	5	4	3	2	11	5	13	11	42	28
NASHUA PS	121	6	3	7	3	7	6	2	5	5	3	12	8	39	28
NORTH STAR PS	122	15	11	12	7	24	16	9	26	3	3	26	17	89	80
NOXON PS	123	21	12	40	15	39	29	50	3	55	26	55	27	260	112
OPHEIM PS	124	4	2	3	2	11	10	5	22	10	9	32	13	65	58
PARK CITY PS	125	62	35	34	31	59	39	40	12	37	18	19	13	251	148
PHILIPSBURG PS	126	19	6	13	6	14	12	15	9	10	7	9	4	80	44
PIONEER ELEM DISTRICT	127							11	11	30	11			41	22
PLAINS PS	128	64	34	34	22	36	23	32	22	25	18	30	20	221	139
PLENTYWOOD PS	129	25	17	33	20	26	20	15	9	20	10	9	5	128	81
PLEVNA PS	130	13	6	6	4	19	12	22	3	5	3	2	1	67	29
POLARIS ELEM DISTRICT	131			4	4		3							4	7
POLSON PS	132	3	3	21	13	76	53	129	84	120	75	147	88	496	316
POPLAR PS	133													0	0
POTOMAC ELEM DISTRICT	134					3		3	2	31	16	22	12	59	30
POWELL COUNTY HS	135			1	1			20	17	17	8	13	7	51	33
POWER PS	136	22	13	11	8	8	6	4	7	12	9	31	15	88	58
PRYOR PS	137							8	6					8	6
RAPELJE PS	138	4	2	1	1	2	1	6	1	4	2	4	2	21	9
RED LODGE PS	139	2	2	4	3	26	18	21	16	33	22	41	22	127	83
REED POINT PS	140	8	6	1	1	19	13	1	12	11	5			40	37
RICHEY PS	141	24	18	28	21	12	9	14	29	17	12	29	20	124	109
ROBERTS PS	142	135	39	79	33	73	26	79		114	45	88	31	568	174
ROCKY BOY PS	143	70	69											70	69
RONAN PS	144			2	1	1	1			1	1			4	3
ROSEBUD PS	145											2	1	2	1
ROUNDUP PS	146	5	5	7	4	27	18	31	21	5	3	4	3	79	54
ROY PS	147	1	1			4	3	2	1	2	1			9	6

MONTANA DIGITAL ACADEMY		2022-2023		2021-2022		2020-2021		2019-2020		2018-2019		2017-2018		Grand Total	
		ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students
RYEGATE PS	148	7	4	26	11	1	1	3	3	1	1	13	6	51	26
SACO PS	149	2	1	1	1	6	2	1	1	4	2	6	6	20	13
SAVAGE PS	150			2	2	1	1	7	7	21	15	21	17	52	42
SCOBAY PS	151	18	11	14	8	51	28	2	1	4	2			89	50
SEELEY LAKE ELEM	152			2	2									2	2
SHELBY PS	153	45	28	38	22	72	40	54	37	71	38	92	53	372	218
SHEPHERD PS	154	22	13	17	12	40	27			24	12	1	1	104	65
SHERIDAN PS	155	1	1	6	3	2	2	16	12	12	6	9	5	46	29
SHIELDS VALLEY PS	156	18	12	14	11	19	13	29	19	22	9	18	11	120	75
SIDNEY PS	157	2	2					2	2	3	3	11	8	18	15
SOMERS ELEM DISTRICT	158							22	22	3	3			25	25
ST. IGNATIUS PS	159	13	7	26	16	19	13	14	11	27	10	8	5	107	62
ST. REGIS PS	160	4	2	4	2	3	3	13	8	7	5	8	2	39	22
STANFORD PS	161	2	1	3	1			12	10	31	16	18	16	66	44
STEVENSVILLE PS	162	34	34	55	39	160	84	140	78	98	63	87	51	574	349
SUN RIVER VALLEY PS	163	2	1	2	1	13	7	75	46	10	5	3	2	105	62
SUNBURST PS	164	17	13	12	5	5	5	9	6	15	13	1	1	59	43
SUNSET ED		6	4											6	4
SUPERIOR PS	165							36	29	7	1			43	30
SWAN RIVER VALLEY ELEM DISTRICT	166			2	1					10	6			12	7
SWEET GRASS PS	167	7	3	18	7	3	2					3	3	31	15
TARGET RANGE ELEM DISTRICT	168											2	1	2	1
TERRY PS	169			2	2	26	17	9	7	20	12	14	10	71	48
THOMPSON FALLS PS	170	84	43	84	46	49	36	23	15	48	31	174	69	462	240
THREE FORKS PS	171	102	50	107	44	79	40	59	32	49	28	29	21	425	215
TOWNSEND PS	172	21	19	24	17	10	7	10	8	15	10	1	1	81	62
TROUT CREEK ELEM DISTRICT	173							1	1					1	1
TROY PS	174	28	15	14	8	20	11	3	3	9	7	17	8	91	52
TURNER PS	175	23	22			5	4	3	2					31	28
TWIN BRIDGES PS	176	29	15	20	11	14	7	35	33	19	10	25	18	142	94

MONTANA DIGITAL ACADEMY		2022-2023		2021-2022		2020-2021		2019-2020		2018-2019		2017-2018		Grand Total	
		ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students	ENRs	# Unique Students
VALIER PS	177	21	11	25	11	5	4	44	21	33	17	16	13	144	77
VAUGHN ELEM DISTRICT	178	10	10	17	17									27	27
VICTOR PS	179	19	8	40	17	25	19	43	20	42	21	15	11	184	96
WEST VALLEY ELEM DISTRICT	180	3	1					39	23	48	27			90	51
WEST YELLOWSTONE PS	181	51	24	38	20	70	31	185	94	53	20	53	37	450	226
WESTBY PS	182	2	2	2	1	4	2	4	2	10	8			22	15
WHITE SULPHUR SPRINGS PS	183	31	17	38	27	51	24	27	14	39	22	45	16	231	120
WHITEFISH PS	184	24	17	18	13	57	37	45	29	45	32	35	23	224	151
WHITEHALL PS	185	12	9	9	4	10	5	24	8	18	10	25	16	98	52
WHITEWATER PS	186													0	0
WIBAUX PS	187	3	2			2	2					1	1	6	5
WILLOW CREEK PS	188	26	11	8	4	8	3			7	6	5	3	54	27
WINIFRED PS	189	15	10	8	8	5	4	17	15	13	7	14	7	72	51
WINNETT PS	190					10	7	2	1					12	8
WOLF POINT PS	191	22	14	15	10	1	1	13	8	9	4	25	18	85	55
WOODMAN ELEM DISTRICT	192	16	14					6	6	18	10			40	30
TOTALS		5754	2987	4953	2793	6378	4041	6772	3982	7093	4164	6690	3879	37,640	21,846
# Districts Served:		142		141		146		158		155		146		196	



17.5% Increase
EARLY NUMBERS, Fall 2023 Original Credit



97% Increase
EARLY NUMBERS, Fall 2023 Dual Credit



42% Increase
EARLY NUMBERS, Fall 2023 Advanced Placement



6% Increase
EARLY NUMBERS, Fall 2023 Middle School



10% Increase
EARLY NUMBERS, FlexCAP Program



House Bill 749: Reformulated Board

Voting Members	Non-Voting Members
Member of the Montana Board of Regents or Designee (Joe Thiel, Interim Deputy Commissioner)	A Member of the Senate (Senator Dan Salomon)
Member of the Montana Board of Education or Designee (McCall Flynn, Executive Director, Montana Board of Public Education)	A Member of the House (Representative Fred Anderson)
Superintendent of Public Instruction or Designee (Christy Mock-Stutz, Assistant Superintendent, Office of Public Instruction)	Montana-licensed and Montana-endorsed classroom teacher appointed by the voting members of the governing board (pending)
School Board Trustee, Nominated by a State Professional Organization of School Trustees Appointed by the Governor (Kara Edgar, Trustee, Big Sky School District)	Montana-licensed school district administrator appointed by the voting members of the governing board in consultation with a state professional organization of school administrators (pending)
The Governor or Designee (Dylan Klapmeier, Education & Workforce Policy Advisor, Governor Greg Gianforte)	Program Director (Jason Neiffer, Executive Director, Montana Digital Academy)





MTDA

Montana Digital Academy

MTDA Clearinghouse

Executive Summary

Purpose

Created by the 2023 Montana Legislature, the MTDA Clearinghouse **expands digital learning services** available to K-12 students in Montana public schools. Through a centralized portal, the Clearinghouse provides schools **access to digital content, online courses, and other educational services** from MTDA and third-party providers.

Key Services

- **Digital Content & Platforms:** Access MTDA's learning platforms and digital content catalog. Schools can use MTDA platforms with content from various providers for locally run online courses and blended learning environments.
- **Short Courses:** Access to specialized content beyond regular courses, like workforce certifications, test prep, or supplemental topics.
- **Third-Party Courses:** Full online courses with instructional services from external providers.
- **Proficiency Assessments:** Students prove proficiency in a subject by submitting work to be evaluated by a licensed teacher against standards. Can earn credit for experience outside school.

Benefits

- Expanded digital **learning options and flexibility** for schools and students
- **Central purchasing and single sign-on** access simplifies procurement and delivery
- Group pricing and subsidized services **lower costs**, especially for small/rural schools
- **Decreases administrative workload** for local school staff and vendors
- **Customizable services** aligned to Montana standards and learning initiatives

The Montana Digital Academy administers the Clearinghouse. MTDA evaluates providers, courses, and services for quality, negotiates group pricing, assists schools with implementation, and provides expertise and leadership in digital learning.

Detailed Program Offerings and Examples

Service	Description	Example Usage
Digital Content and Platform Services	Access to MTDA learning platforms and a choice of digital content through MTDA portals. Multiple providers can be accessed to make various price points and options available.	<ul style="list-style-type: none"> A school runs an online Geometry class for 8th-grade students with a district high school teacher using MTDA platforms and their choice of content, eliminating the need to transport those students to the high school building. This district could also offer seats to other school districts, building additional capacity for technology-driven learning across the state. A small school hires a new 7-12 science teacher who doesn't have experience teaching Chemistry. The school uses MTDA platforms and a choice of content as a flexible "blended learning" environment to provide a turnkey Chemistry curriculum to increase teacher effectiveness.
Short Courses	<p>Schools can license content and learning platforms for content that serves purposes beyond the scope of the classroom to target individual needs in a student's educational pathway.</p> <p>Short courses typically do not have teacher services and are managed by the local school and its support staff.</p>	<ul style="list-style-type: none"> A school purchases access to Automotive Certification Excellent certification practice materials to assist with preparation for the ASE Automatic Transmission/Transaxle certification test. A school implements educational responses to community concerns about vaping by purchasing licensing to a "Vaping Awareness" short course through the Clearinghouse as an alternative to traditional discipline. A school purchases access to test preparation materials for AP World History exams to help students study for AP exams.
Third-Party Services	Schools can license full online courses , including instructional services, in various formats from third-party providers.	<ul style="list-style-type: none"> A school purchases services for a third-party compressed-time Physics course for a student missing a critical graduation requirement in the second semester of their senior year. A school purchases services for six students wishing to take a third-party online Korean course online in a traditional trimester block. A school purchases access to a third-party "iTV"/Zoom-style government class that meets at 8:45 am each morning for a student who needs more live engagement than traditional online courses.
Proficiency Assessment Services	Students are provided access to a platform to submit materials to prove proficiency in a specific course title and an opportunity to complete performance-based assessments. The materials are evaluated by a qualified instructor, with a recommendation of "pass" given if the student is assessed above a predetermined threshold.	<ul style="list-style-type: none"> A student wants to graduate early to enter the workforce and needs 0.5 credits of government. The student has independently excelled at civics and government via competitive debate and can prove proficiency in the material without taking a formal course. The school purchases proficiency assessment services, including a standards-aligned test, portfolio submission portal, and evaluation by a licensed Montana teacher.



MTDA Clearinghouse Implementation Plan

Approved and Endorsed by the MTDA Board on 10/10/23

Background

The 68th Montana Legislature passed HB749, which provided for two broad changes to Montana Digital Academy:

- 1.) The bill **reformulates the Montana Digital Academy board to a new, 10-member board** representing different constituencies. The board includes a mix of voting and non-voting members, with leadership comprised of two legislators.
- 2.) The bill **expands the mission, scope, and funding of Montana Digital Academy** with a “clearinghouse” **model**. The model directs MTDA to offer additional new services to schools nationwide.

Implementation Plan

Borrowing from MTDA’s successful program development and implementation history, MTDA utilizes a “continuous improvement” model, where we regularly utilize available data sources, feedback from constituencies, monitoring of successful models from outside the state, and internally developed ideas to modify and evolve programming. This implementation plan aims to provide an overall calendar to our staff and an opportunity to report on progress to the MTDA board.

Phase 0: Pre-Planning Started April 2022; Ends when the board endorses the implementation plan to start Phase 1.	<i>Phase 0 focuses on pre-planning, discussing possibilities with constituencies, providing information to policymakers, visioning exercises with the MTDA board and staff, reaching out to in-state and out-of-state partners, developing of a formal proposal, proposing the clearinghouse to the Legislature, monitoring legislative activities, and developing a proposal and budget.</i> Action Items: <ul style="list-style-type: none">☑ Meet with school leaders, administrators, and teachers to discuss needs and get buy-in on the clearinghouse concept.☑ Research clearinghouse models in other states and identify best practices. Reach out to leaders of successful programs for advice.☑ Educate legislators and policymakers on clearinghouse benefits and advocate for support.☑ Create presentations and materials on the clearinghouse concept
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	<p>for the MTDA Board, OPI, and Board of Public Education.</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Hold visioning and brainstorming sessions with MTDA staff to develop goals and framework. <input checked="" type="checkbox"/> Draft initial clearinghouse proposal and budget for feedback from stakeholders. <input checked="" type="checkbox"/> Develop relationships with potential platform partners and content providers to gauge interest. <input checked="" type="checkbox"/> Finalize clearinghouse proposal and budget based on feedback. <input checked="" type="checkbox"/> Officially propose a clearinghouse project and request funding from the state legislature. <input checked="" type="checkbox"/> Monitor legislative sessions; communicate with sponsors and advocates to ensure success. <input checked="" type="checkbox"/> Begin detailed planning process for Phase 1 implementation.
<p>Phase 1: Staffing and Development</p> <p>Starts upon endorsement of the plan by the MTDA Board; the target of completion of work is December 2023.</p>	<p><i>Phase 1 focuses on hiring key staff, researching vendor offerings, gathering stakeholder requirements, developing project plans and timelines, beginning portal and integration development, and creating marketing materials over the first three months to lay the groundwork before launch.</i></p> <p>Action Items:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Hire key staff positions, including Clearinghouse Manager, IT/Integration Manager, and Assistant Business Manager (“Data/Billing Specialist”). <input type="checkbox"/> Work with OCHE on selecting and implementing new statewide LMS. 🍌 <input type="checkbox"/> Meet with school administrators, teachers, students, and other stakeholders to gather requirements and priorities. 🍌 <input type="checkbox"/> Develop a detailed project plan and timeline. 🍌 <input type="checkbox"/> Develop relationships with stakeholders to determine opportunities for collaboration and development. 🍌 <input type="checkbox"/> Research vendors, services, and pricing. <input type="checkbox"/> Develop initial training outlines and curriculum for blended learning plays. 🍌 <input type="checkbox"/> Pre-planning for data collection and management processes. 🍌 <input type="checkbox"/> Work with University of Montana procurement to determine methods for RFPs with vendors that wish to appear in the clearinghouse. <input type="checkbox"/> Begin development of the Clearinghouse portal and integrations. 🍌 <input type="checkbox"/> Develop initial marketing materials and communication plan. 🍌 <input type="checkbox"/> Offer early pilot opportunities to schools. 🍌 <p>🍌 denotes action items that are already underway</p>
<p>Phase 2: Pilot Launch</p>	<p><i>Phase 2 brings on board the first wave of pilot schools, launches initial services like digital content, short courses, and proficiency assessments,</i></p>

<p>Starts December 2023 through February 24.</p>	<p><i>gathers feedback from the pilots, continues developing the portal and integrations, and creates training materials during months 4-6.</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Onboard the first cohort of pilot schools. Provide training and support. <input type="checkbox"/> Launch first services, including digital content/platforms, short courses, and proficiency assessments. <input type="checkbox"/> Gather feedback from pilot schools to refine processes and offerings. <input type="checkbox"/> Develop policies and procedures for data management and reporting. <input type="checkbox"/> Continue portal development and integration. <input type="checkbox"/> Develop training materials and job aids for schools.
<p>Phase 3: Program Launch</p> <p>Starts February 2024.</p>	<p><i>Phase 3 markets the Clearinghouse to all Montana schools, onboards additional schools in waves with training and support, launches more services like third-party courses and CTE offerings, implements billing processes, collects utilization and satisfaction data, and celebrates successes while making improvements during months 7-9.</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Market Clearinghouse to all Montana schools. <input type="checkbox"/> Onboard additional schools in waves, providing training and support. <input type="checkbox"/> Launch additional services like third-party courses and CTE offerings. <input type="checkbox"/> Implement billing and invoicing processes. <input type="checkbox"/> Collect data and surveys produce reports on utilization and satisfaction.
<p>Phase 4: Establish and Maintain Ongoing Operations</p> <p>Starts Summer 2024.</p>	<p><i>Phase 4 sees the Clearinghouse adding new services, vendors, and offerings regularly, providing continuous training to schools, maintaining vendor relationships, supporting integrations, evaluating data and feedback, and refining processes during month 10 and beyond to sustain and improve operations.</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Add new services, vendors, and offerings on a regular basis. <input type="checkbox"/> Provide continuous training opportunities for schools. <input type="checkbox"/> Maintain relationships with vendors and negotiate favorable pricing. <input type="checkbox"/> Support integration with school systems. <input type="checkbox"/> Evaluate data and feedback to refine processes.

Wait, There's More!

- **Indigenous Language** Programming
- Participation in the MUS Statewide **LMS Review and Adoption**
- First-of-its-kind **Online Jobs for Montana Graduates Program** Starting This Fall
- Participation in the 23-24 Revision of the **National Standards for Quality for Online Courses**
- Collaboration with **DLI, OPI Career Coaches and Montana Ready, Private Industry**
- **Very Good Online Student (VGOS) Curriculum** to Build Better, Independent Online Students
- Assisting Districts With **Digital Learning Initiatives**
- Collaboration with UM Research Faculty on **Virtual and Augmented Reality**
- **National Leadership** in the **Virtual Learning Leadership Alliance**
- Monitoring Trends in **Instructional Design**
- New Schedule for **Course Updates and Revisions**

