



# **MONTANA DIGITAL ACADEMY**

**REPORT TO THE LEGISLATIVE FINANCE COMMITTEE  
FOR FISCAL YEARS FY14 THROUGH FY17**

**Provided by:  
Robert Currie, Executive Director  
June 2018**

# **MONTANA DIGITAL ACADEMY**

## **REPORT TO THE LEGISLATIVE FINANCE COMMITTEE**

This report has been developed to meet the following directive as established by the Montana Legislature in HB2.

**HB 2 Language** – "The office of public instruction may distribute the one-time-only general fund appropriation for the Montana Digital Academy for fiscal year 2019 only if the digital academy provides a report to the legislative finance committee not later than May 31, 2018. The report will include at a minimum information on enrollment, course offerings, completion rates, schools served, implications of MCA 20-7-1202, and detailed financial statements for fiscal year 2014 through fiscal year 2017."

This report provides information on the designated items in HB2 as well as other data and information relative to the creation, development and successful use of Digital Academy classes by students and schools throughout Montana. The data and information provided in this report is for the period of FY2014 to FY2017. However, there may be occasional historical references to events and information that occurred in prior years.

### **Background and History of Montana Digital Academy**

The Montana Digital Academy began providing Web based, asynchronous classes in the fall of 2010. Since that initial semester MTDA has provided over forty-four thousand enrollments to Montana students in a variety of course types. Original Credit (including Advanced Placement) was the first course format offered. Credit Recovery was added in 2011 and the Middle School Language sampler program was launched in 2012. The Digital Academy continues to offer these course types to thousands of Montana students each year. During the eight years that MTDA has been the state online program for Montana, it has made a significant impact on K-12 education in the state. The following chart provides a visual illustration of the way in which the Digital Academy has provided educational leadership and has become an important part of the educational landscape in Montana.



***MTDA Program***

The main functions (yellow hexagons) of MTDA are the Original Credit, Credit Recovery and Middle School Language programs. These three programs provide a comprehensive curriculum of high school courses, a set of core courses designed to help students retrieve credits and get back on track to graduate, and an introduction to languages like Spanish, French, German, Chinese, and Latin for middle school students to help them in choosing the language they will want to study in high school.

***Online Teacher Training***

MTDA’s impact on teacher training and professional development (green hexagons) first began with online teacher training prior to offering the first classes in 2010. Since then over one hundred Montana educators have been trained in all of the aspects of the instruction of students in the online environment. In 2012, in partnership with the MEA-MFT, the Digital Academy secured two years of grant funding from the American Federation of Teachers to create and launch the prototype for online teacher training in Montana, the Montana Digital Professional Learning Network. This network successfully provided professional development opportunities for teachers all across Montana and through a strong partnership with the Office of Public Instruction has now become the highly successful Teacher Learning Hub.

***EdReady Montana***

Finally, in FY14 EdReady Montana was introduced with funding provided by the Dennis and Phyllis Washington Foundation. EdReady Montana is MTDA’s math readiness assessment and personalized learning program (blue hexagon) that is helping many thousands of Montana

learners from middle and high school to college and adults meet and overcome the mathematics challenges they face.

***Creating Successful Online Learners in Montana***

Along with all of the benefits that MTDA has brought to K-12 education in Montana it is noteworthy that over 45,000 students have acquired the skills necessary to be a successful online learner. Along with the knowledge they have gained and the credit they have earned they have the knowledge and confidence to take future online classes, which will serve them well in their future.

## **MTDA Governance – Current and Past Board Members**

The Governing Board of the Digital Academy was established in the original legislation (Montana Code 20-07-1201) designating the Commissioner of Higher Education and the Superintendent of Public Instruction as Board members. The other Board positions, which are appointed by the Montana Board of Public Instruction, are a Montana licensed and endorsed classroom teacher, a licensed local school administrator and a trustee of the board of education of a local school district. The Dean of the school of education of the hosting unit of the Montana University system is also a Board member (non-voting).

### ***Board members – 2009-2018***

**Commissioner of Higher Education** – Sheila Stearns 2009-2012, Clay Christian 2012-Present

**Superintendent of Public Instruction** – Dennis Parman, Deputy Superintendent, designee for Denise Juneau 2009-2016, Timothy Tharp, Deputy Superintendent, designee for Elsie Arntzen.

**Montana teacher** – Barbara Veis (Billings Public Schools) 2009-2013, Anthony Lapke (Kalispell Public Schools 2014-Present

**Montana Administrator** – Bruce Messinger, Superintendent, Helena Public Schools, 2009-2011, Joel Graves, Principal, Lincoln County High School, 2011-Present

**Montana Local School District Trustee** – Bryan Duvall, Geraldine Public Schools 2009-Present

## Financial Information

The MTDA financial report shows the revenue and expenditures for FY14-FY17 and is included as **Appendix A**. The revenue included a base amount plus a one-time only (OTO) amount for each year. The expenditure portion of the budget consists of two parts - the instructional program and administrative/operations.

### **Instructional Program:**

The instructional portion of total MTDA expenditures has averaged 70 percent for each year of the FY14-FY17 period and consists of all expenditures related to the delivery of MTDA courses to students including teacher/instructional coach compensation and related employment costs (FICA, retirement etc.), and other instructional costs associated with the delivery of the courses to students.

#### Teacher/Instructional Costs

Teacher costs to deliver all three course models (Original Credit, Credit Recovery and Middle School Language) averaged 75% of the total instructional expenditures between FY14-FY17. The model that MTDA has operated under since its launch provides compensation to teachers on a per student enrollment basis for original credit and middle school language teachers (differing amounts). Credit recovery teachers (referred to as academic coaches) are compensated on a per semester basis due to the rolling enrollment model which is designed for students to complete the work at their own pace. The compensation amount for credit recovery is equivalent to original credit compensation for a class of twenty-five students.

Most original credit teachers teach a section in each of the fall and spring terms with significantly fewer teachers working during the MTDA summer program. On average, MTDA original credit teachers earned \$3,400.00 for each course section. Credit recovery academic coaches earned \$3,400.00 per term. Middle school language teachers earned an average of \$1,400.00 per course section (courses are taught in the Fall and Spring terms only).

Since all MTDA teachers/academic coaches are licensed Montana teachers and are employed by a Montana school district, by Interlocal Agreement, compensation and related mandatory benefits (FICA, Retirement, etc.) for MTDA teachers and academic coaches is transferred to local districts and local districts then pay the teachers and academic coaches their MTDA compensation through their local district payroll system.

Between FY14 – FY17 licensed Montana teachers received \$3,282,625 for providing online classes to Montana students.

#### Other Associated Instructional Costs

Other costs associated with the delivery of the academic program represent 25% of the instructional expenditures. These costs include the hosting services for the program learning management system (under the UM Moodle consortium), student information system, tutoring services, licensing of a portion of courses, and other software related to course creation and development.

#### **Administration/Operation:**

Between FY14 – FY17 the operational portion of the budget consistently is at or near 30% of the total expenditures for each year of the FY14 – FY17 period. Approximately 80% of the operational portion of the budget is for staff salary and employee benefits. The MTDA employs the following full time employees: executive director, assistant director/curriculum director, instructional program director and registrar. Part time positions include: data and budget manager, instructional projects coordinator, and administrative associate. The FTE of the operational staff was 5.3 for FY-14 through FY16 and 5.1 for FY17. The expenditure line for operational staff salaries and benefits was uniquely lower in FY14 due to certain positions being vacant for portions of the year.

MTDA provides presentations and professional development at the major education conferences in Montana such as Principal, Counselor, Superintendent conferences as well as the annual teacher conference. We enjoy this important role in working with all the education partners in Montana to provide professional development. Also, MTDA is one of twenty-three statewide online digital schools in the United States. Our program, which has gained national recognition as a leader in online learning is very connected with other organizations that are providing the online program in their state. MTDA has banded together with thirteen other statewide programs and formed the Virtual Learning Leadership Alliance (VLLA). The VLLA consists of active workgroups in curriculum, technology, finance and operations, college and career readiness and technical education and all MTDA team members are part of one or more of these work groups. The MTDA team's involvement in the VLLA is significant and provides a tremendous amount of our professional development.

## MTDA Course Types and Offerings



The Digital Academy’s course catalog **Appendix B** offers ninety-seven course titles for students. The breakdown by type of course is as follows:

Course Type	Number of Course Titles	Courses
Original Credit	74	Courses are offered in the core subjects of mathematics, English/language arts, science, and social studies including 13 Advanced Placement Courses.  Six world languages and a wide variety of electives and career and technical classes are also part of the large group of original credit titles.
Credit Recovery	17	Courses are offered in the core subjects of mathematics, English/language arts, science, and social studies
Middle School Language	6	World language

### **Original Credit and Advanced Placement (AP)**

Licensed Montana teachers lead and facilitate the Original Credit courses, including Advanced Placement as the official teachers of record. Original credit classes, designed for students taking a class for the first time, are cohort based as students move through the course together



on a set calendar established by MTDA. The window to enrollment in these courses closes at a point in the semester similar to face-to-face school classes. Successful completion of a course occurs when a student has achieved a final grade of 60% or greater. Advanced Placement courses follow the same design and format and prepare students to take the AP exam (provided by local schools) following the course. A score of three or better on the AP exam equates to college credit in an equivalent college course.

### ***Credit Recovery***

Credit Recovery is designed for students needing to make up a class they have failed. Credit Recovery courses pair a MTDA Academic Coach (licensed Montana teacher) who is the official teacher of record with local school district support personnel to support students in successful completion. All MTDA credit recovery courses are self-paced and are an open enrollment, mastery based design. Students must complete the course within the semester of enrollment. Successful course completion is determined by MTDA criteria and a percentage score is reported to the local district who then transcript the grade.

### ***Middle School Language***

This program consists of seven-week sessions during which students will have the opportunity to be introduced to the language and culture in one of six different world languages. By enrolling in these classes middle school students have the opportunity to try any or all languages during their middle school years as they prepare to decide.

### ***Student Interest and Course Choice - Top Ten Original Credit Courses by Enrollments***

Original Credit is the centerpiece of the MTDA course offerings and true to the original legislation that created the Digital Academy [20-7-1201 part (c)] our charge is to

***“emphasize the core subject matters required under the accreditation standards, offer advanced courses for dual credit in collaboration with the Montana university system, and offer enrichment courses”***

As can be seen in the course catalog **Appendix B** MTDA offers a complete set of core courses. Although all schools, regardless of size, offer mathematics, English/language arts, science and social studies courses, schools enroll students in the Digital Academy core courses for a variety of reasons and circumstances. Digital academy enrollments by schools in core subject areas are generally not quite as large as electives and world languages. The MTDA staff frequently

surveys Montana students and school personnel regarding course needs and interests and when possible new courses are added to the catalog.

The charts below list the top ten courses by student enrollment comparing FY14 to FY17. During this four-year period courses such as criminology and veterinary science were added to the course offerings. Health, which is required for graduation, is frequently taken by students in order to provide room in their face-to-face schedule for a specialized area of interest such as music, art or career and technical classes.

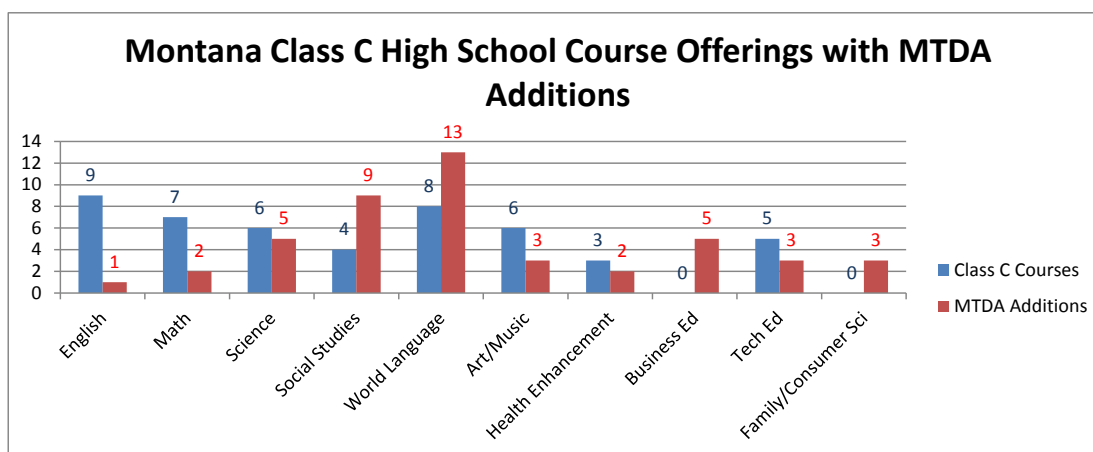
<b>Comparison of Top 10 Original Credit Courses</b>			
<b>FY14</b>		<b>FY15</b>	
<b>Courses</b>	<b>Enrollments</b>	<b>Courses</b>	<b>Enrollments</b>
<b>1</b>	<b>Digital Photography</b>	<b>213</b>	<b>1</b>
<b>2</b>	<b>American Government</b>	<b>143</b>	<b>2</b>
<b>3</b>	<b>Health</b>	<b>136</b>	<b>3</b>
<b>4</b>	<b>Psychology</b>	<b>133</b>	<b>4</b>
<b>5</b>	<b>Current Issues in Gov't</b>	<b>118</b>	<b>4</b>
<b>6</b>	<b>Creative Writing</b>	<b>111</b>	<b>6</b>
<b>7</b>	<b>Web Design</b>	<b>93</b>	<b>7</b>
<b>7</b>	<b>Phys Ed II</b>	<b>93</b>	<b>8</b>
<b>9</b>	<b>Spanish 1A</b>	<b>91</b>	<b>9</b>
<b>10</b>	<b>Personal Finance</b>	<b>88</b>	<b>10</b>
			<b>1</b>
			<b>2</b>
			<b>3</b>
			<b>4</b>
			<b>4</b>
			<b>6</b>
			<b>7</b>
			<b>8</b>
			<b>9</b>
			<b>10</b>

## Schools Served

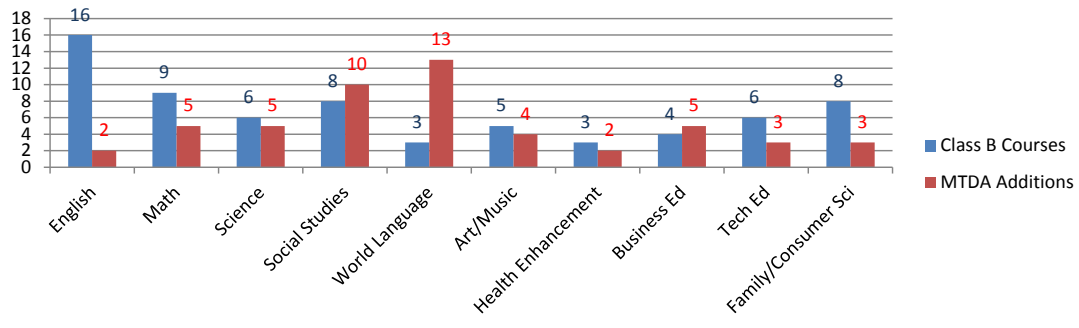
Consistent with the original charge MTDA works with public schools throughout Montana to provide courses to students. Student enrollments (including private and homeschool students) are made through their local public schools. Since the MTDA's inception 99% of Montana high schools have enrolled students in the Original Credit or Credit Recovery programs. On average during each year of the FY14 - FY17 period, 83% of Montana public high schools enrolled students in Digital Academy courses. While very small schools are significant users of the program the usage can sometimes vary from year to year depending on student interests and needs. A chart providing information regarding Montana high schools' participation by MHSAs enrollment categories is contained in **Appendix C**.

### ***Impact on Rural/Small Schools***

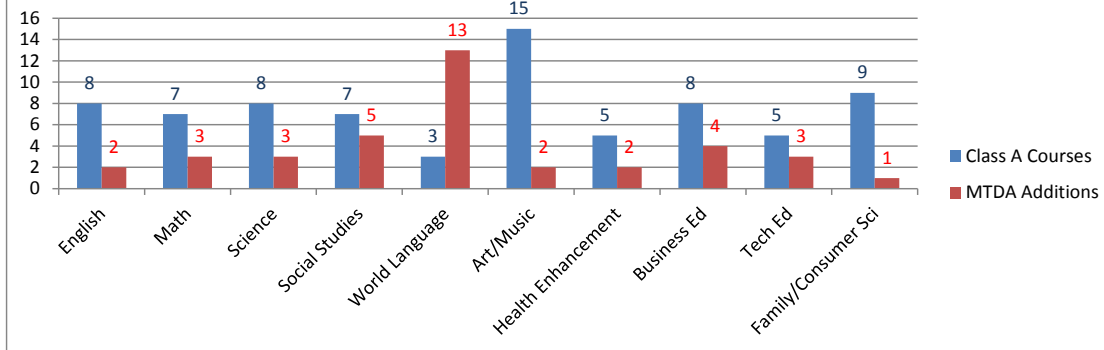
MTDA offers significant value to the smaller rural schools in Montana and greatly affects the educational offerings and opportunities for their students. To illustrate the additional educational opportunities that MTDA provides to these smaller schools the charts below show the core and elective offerings from the course catalogs of a Class C, Class B, and Class A high school and then shows the additions that MTDA course offerings bring to the students in each school. While there are a range in size of schools within a particular MHSAs classification these schools are good representative examples of their respective MHSAs classifications. The enrollment sizes of these schools are as follows: Class A – over three hundred students; Class B - over two hundred students; and, Class C under one hundred students.



### Montana Class B High School Course Offerings with MTDA Additions



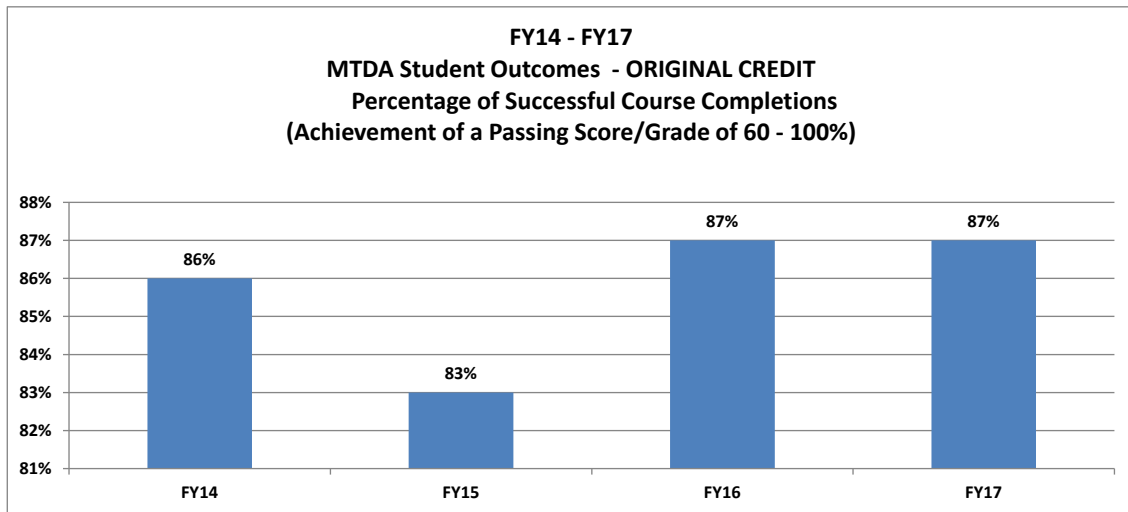
### Montana Class A High School Course Offerings with MTDA Additions



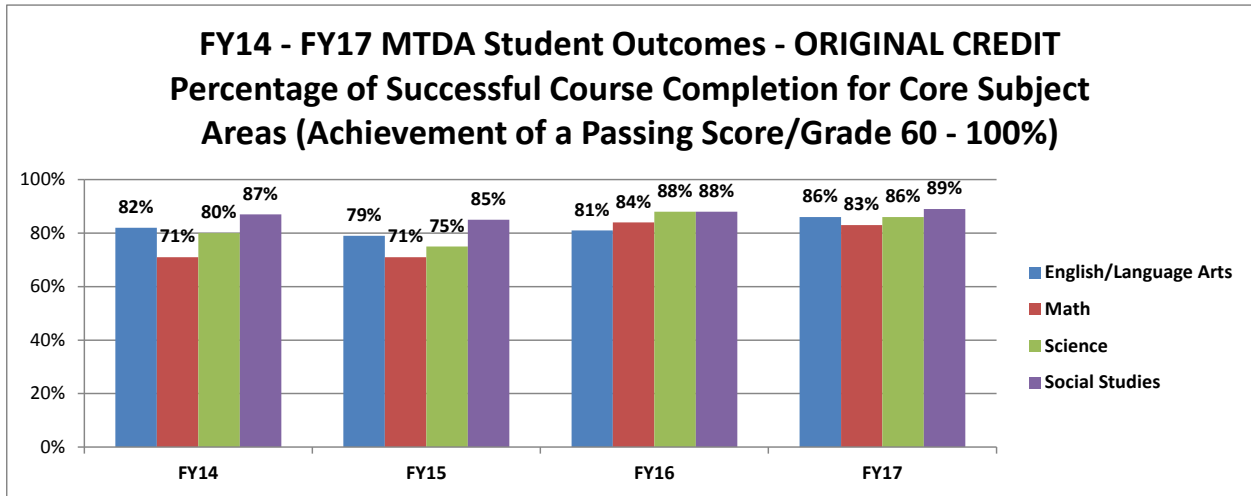
## Student Outcomes

The MTDA program is designed to provide high quality, online web based courses directed and guided by Montana public school teachers with the main outcomes designed to guide and assist students through a successful online learning experience and completion of their course with a passing grade (60 – 100%). Our teacher services, helpdesk support, and all of the communication between the MTDA staff and students, parents and staff at local schools is focused on student success. Working in tandem with all of the important adults comprising the local support team has encouraged and fostered a high level of student success and student outcomes. This success, which individually has enhanced the lives of many thousands of Montana students, is illustrated in the following MTDA student outcomes charts and graphs. The outcome data is reported for the period of FY14-FY17.

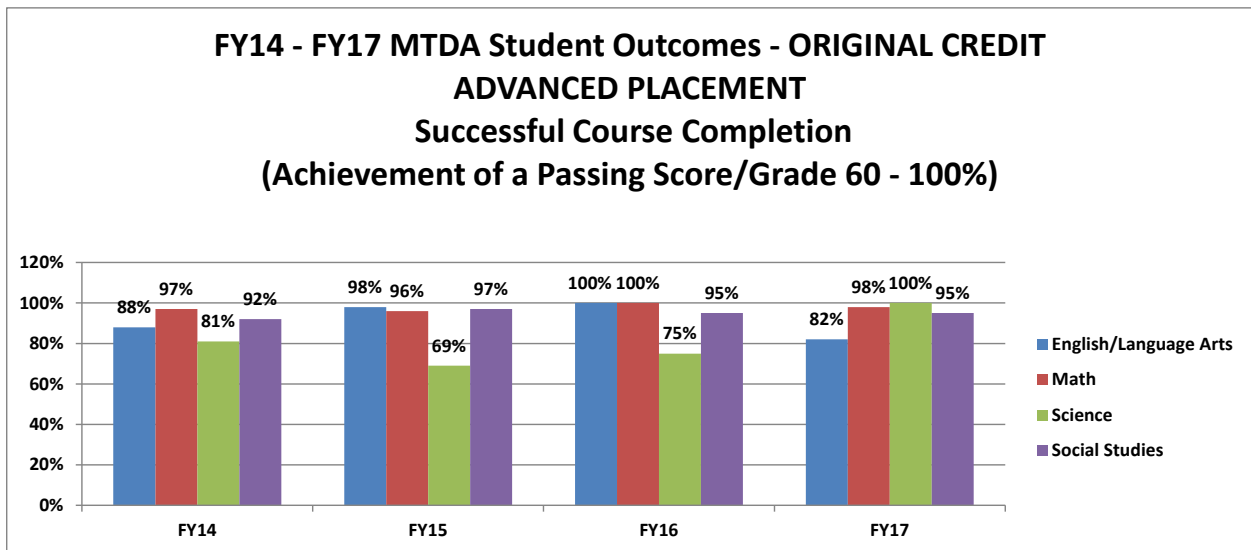
### Original Credit Successful Completion – All Courses



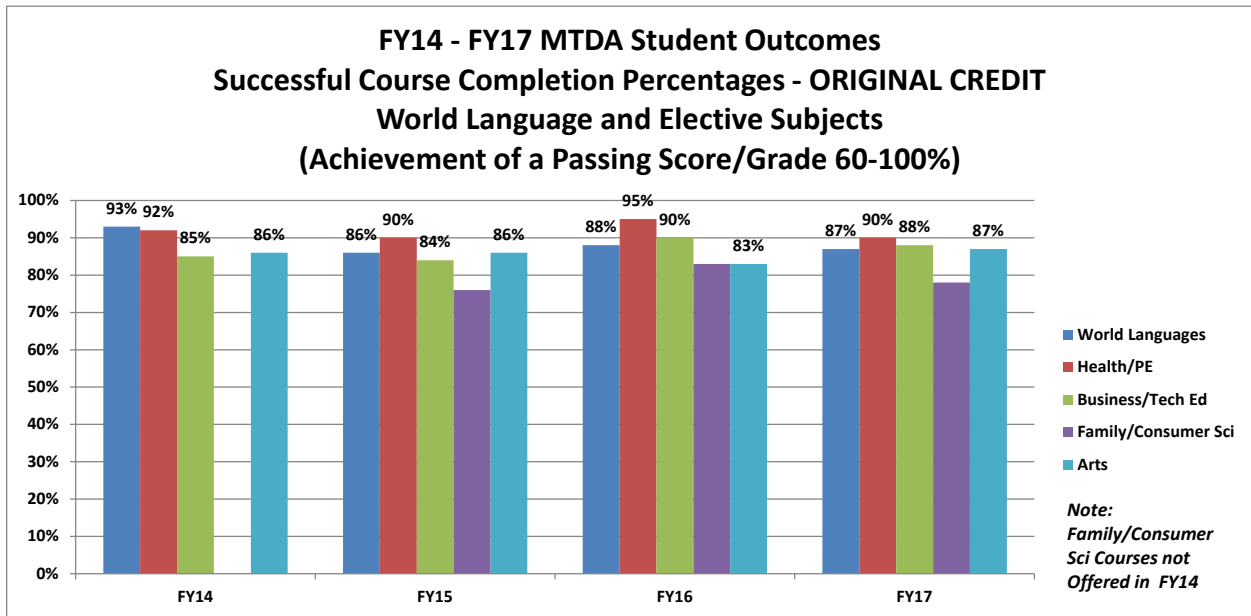
## Original Credit Successful Completion by Core Subject



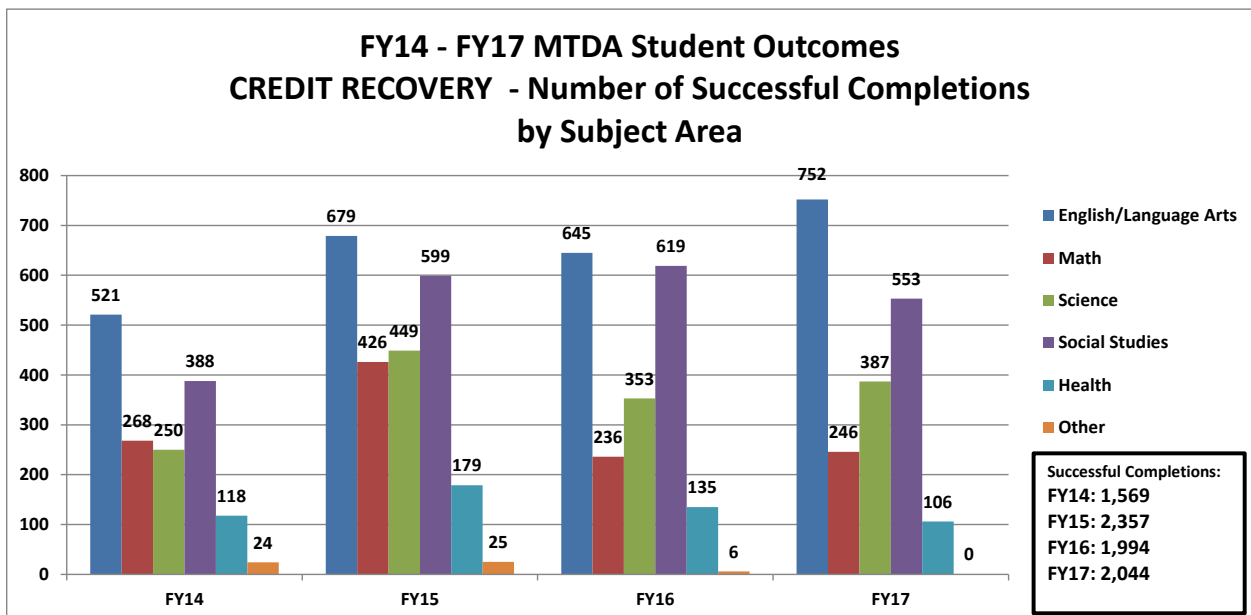
## Original Credit Advanced Placement Successful Completion by Core Subject



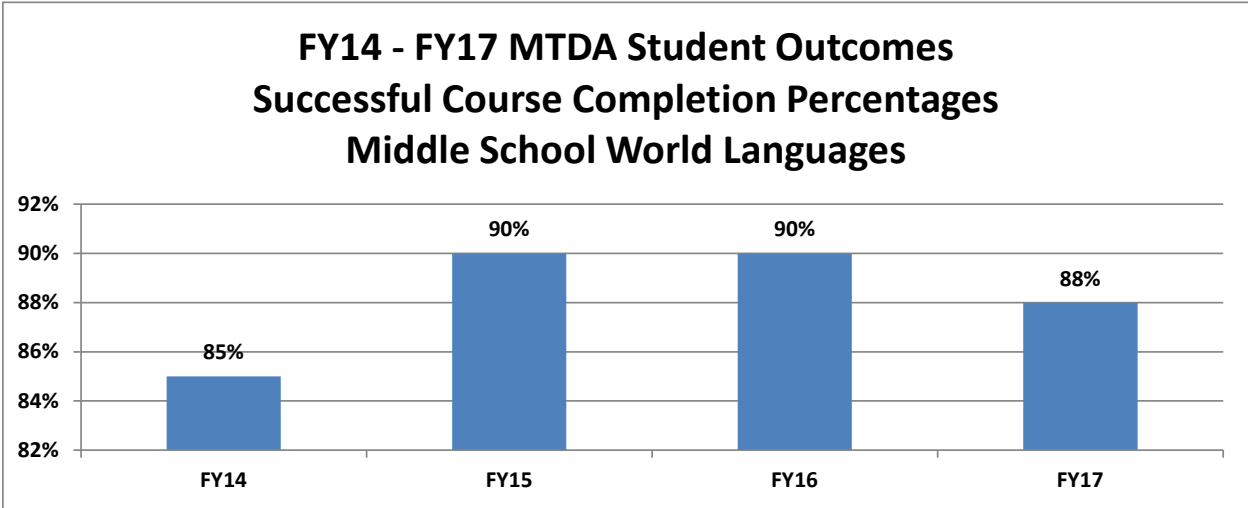
## Original Credit Successful Completion Percentages for World Languages and Electives



## Credit Recovery Semester credits completed FY14-FY17



**Middle School Language Successful Completion Rates FY 14-FY17**



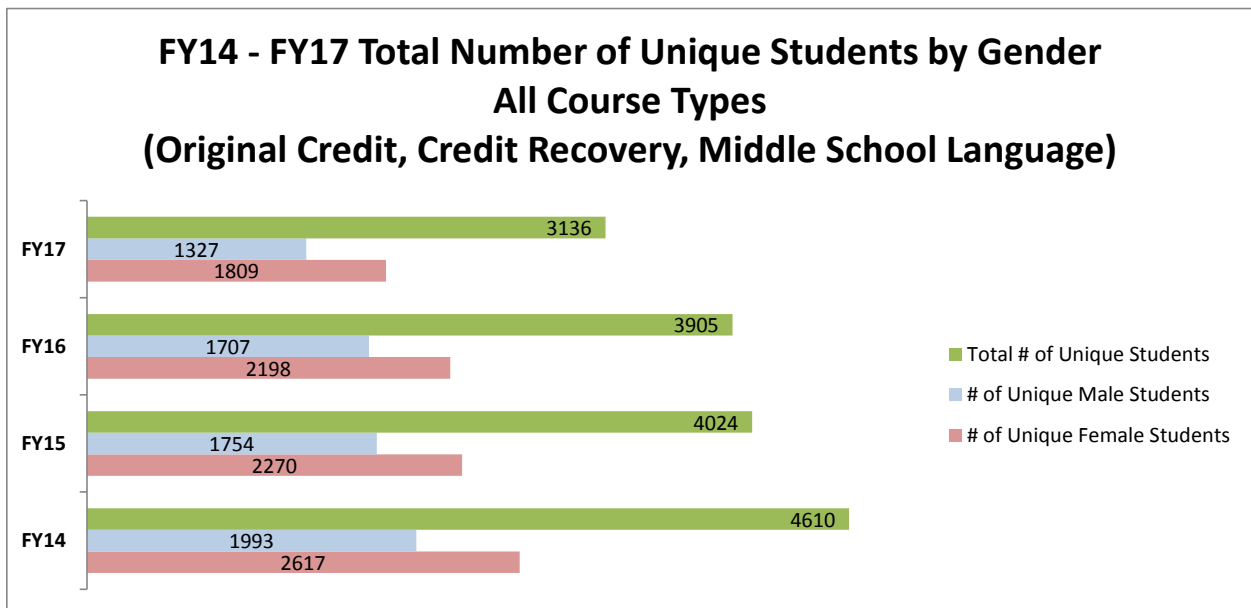
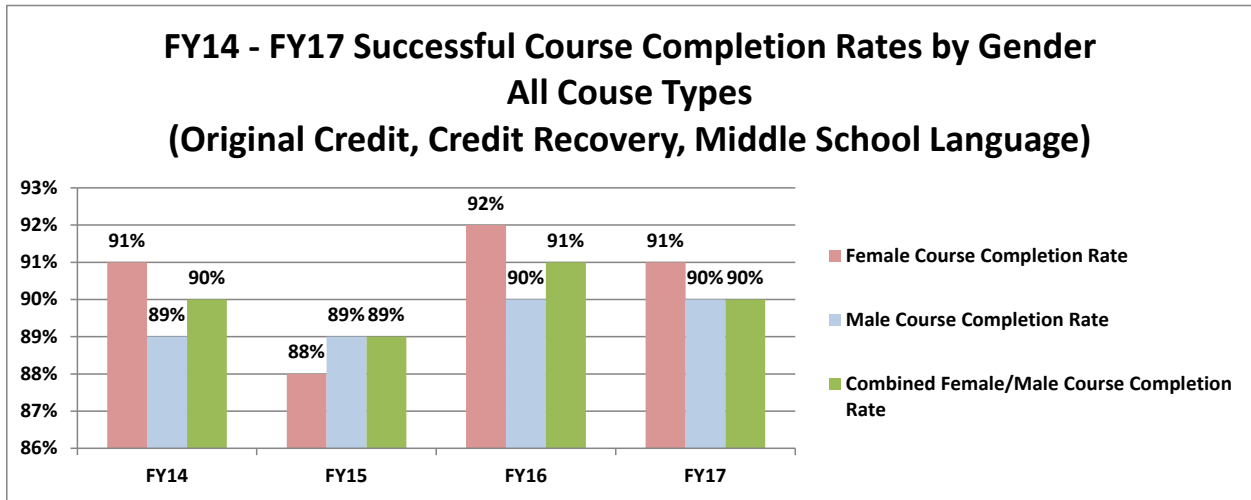
Further information/data with regard to student outcomes/successful completion rates can be found in the following Appendices:

- Appendix D-1
- Appendix D-2
- Appendix D-3
- Appendix D-4
- Appendix D-5

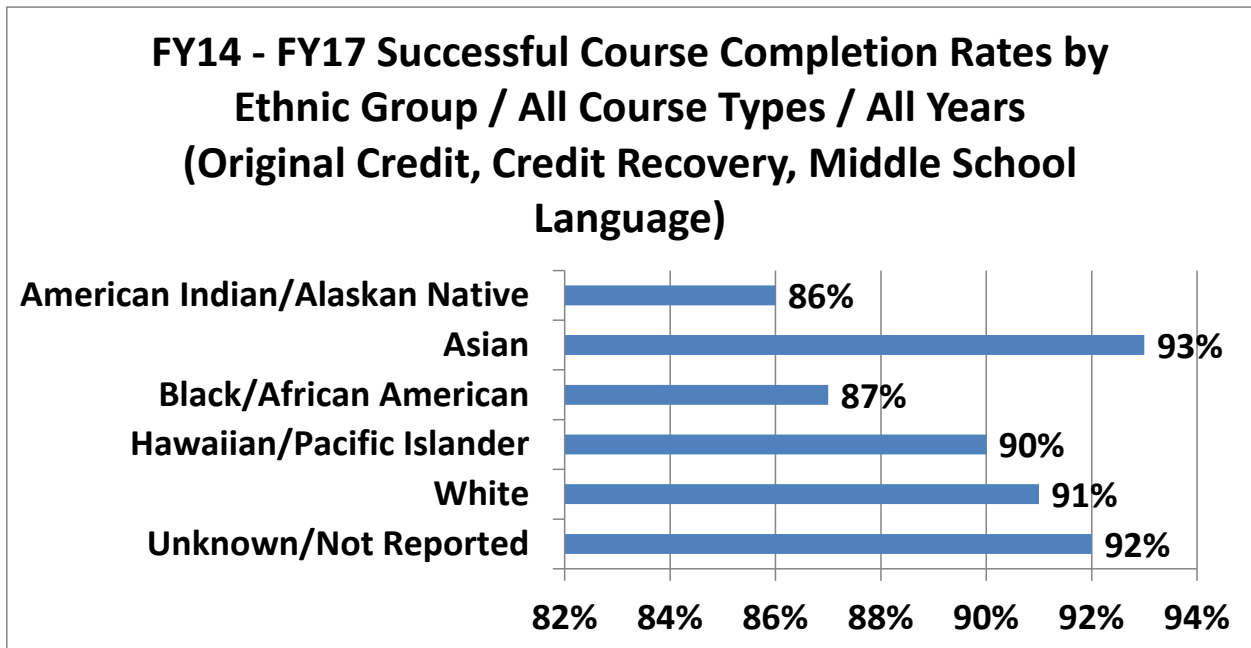


## Student Outcomes by Demographic

### Successful Completion by Gender



## Successful Completion by Ethnicity for All Course Types



Further information/data with regard to student demographics and successful completion rates can be found in the following Appendices:

Appendix E-1

Appendix E-2

Appendix E-3

Appendix E-4

Appendix E-5

## Implications of MCA 20-7-1202

**20-7-1202. Funding -- rulemaking authority. (1) (a) In addition to any amount appropriated to the Montana digital academy by the legislature, beginning July 1, 2016, school districts enrolling students at the digital academy shall pay to the digital academy any supplemental fee established by the digital academy that is required to pay for the prorated costs of course delivery that exceed the amount appropriated to the digital academy by the legislature. The fee must be established by the governing board of the digital academy by rule and must be commensurate with the costs of operating the digital academy that exceed the appropriation provided by the legislature.**

**(b) Fees collected under subsection (1)(a) may be spent only on the operating costs of the digital academy.**

**(c) The governing board of the digital academy shall adopt rules regarding the establishment of any fees required under subsection (1)(a).**

**(2) A school district is prohibited from charging a fee to a student who enrolls in a class provided by the Montana digital academy that the school district requires for graduation.**

The leadership and Governing Board of MTDA have had numerous discussions regarding the implications of this legislation. This challenging and complicated topic seems to create more questions than answers. This is a brief summary of these discussions.

- 1. What Should the MTDA Philosophy/Position Be?** - MTDA is the online public school program for the state of Montana. The key question here that we have been wrestling with is should a public school program charge for its services? Requiring a public school program to charge tuition/fees seems inconsistent with our role of making online learning available to all Montana students.
- 2. What impact would charging tuition have on students and schools?**  
The largest percentage of MTDA original credit enrollments are students from small/rural schools. What can these very small schools really afford? A very big concern is that the unique access, equity and opportunity that MTDA provides, and smaller schools have come to rely on for their students will be diminished. The fear is that paying for their students' MTDA courses will inevitably be given lower priority in the budget process. Simply put students will not have the voice and will lose the access and opportunity they have now.
- 3. What impact would it have on access to private and home school students?**  
The original legislation 20-7-1201 states "make distance learning opportunities available to all school-age children through public school districts in the state of Montana. Currently MTDA provides classes to private and home school students by enrollment through public schools. In many cases, we have observed that this has not

been a smooth process. Charging will create additional challenges to this process and again will very likely impact access to MTDA for “all Montana students”.

**4. What internal MTDA challenges are there with charging a fee?**

- Charging a tuition or fee will almost certainly affect the use of MTDA classes causing enrollments to decline.
- Charging will create a cost for MTDA as an invoicing, payment and accounting system and process will need to be developed including staffing for accomplishing this.
- Timing of payment coinciding with enrollment could create a cash flow challenge for MTDA.
- Budget forecasting, collecting fees in advance, and delivering the program under the fee system could lead to a fund balance, cash flow issues and/or a budget shortfall. Under the current budget process, MTDA cannot have a fund balance at the end of the biennium. These issues would also need to be addressed.

**APPENDIX A**  
**MONTANA DIGITAL ACADEMY**  
**REVENUE and EXPENDITURES**  
**FY14 – FY17**

	FY14 - FY15 BIENNIUM						FY16 - FY17 BIENNIUM					
	FY14 REVENUE / EXPEND (2013-14)			FY15 FINAL REVENUE / EXPEND (2014-15)			FY16 FINAL REVENUE / EXPEND (2015-16)			FY17 FINAL REVENUE / EXPEND (2016-17)		
	FY14 INSTRUCTION	FY14 ADMIN / OPERATIONS	FY14 FINAL REVENUE & EXPEND COMBINED OPERATION & INSTRUCTION	FY15 INSTRUCTION	FY15 ADMIN / OPERATIONS	FY15 FINAL REVENUE & EXPEND COMBINED OPERATION & INSTRUCTION	FY16 INSTRUCTION	FY16 ADMIN / OPERATIONS	FY16 FINAL REVENUE & EXPEND COMBINED OPERATION & INSTRUCTION	FY17 INSTRUCTION	FY17 ADMIN / OPERATIONS	FY17 FINAL REVENUE & EXPEND COMBINED OPERATION & INSTRUCTION
Base Revenue			1,168,000			1,168,000			1,168,000			1,168,000
OTO			715,000			750,000			832,500			832,500
Current FY Revenue			1,883,000			1,918,000			2,000,500			2,000,500
Carryover from Previous FY			562			314,206			1,705			96,203
<b>TOTAL FY REVENUE</b>			<b>1,883,562</b>			<b>2,232,206</b>			<b>2,002,205</b>			<b>2,096,703</b>
Personal Services / Employee Benefits	51,312	377,009	428,321	28,818	502,936	531,754	2,332	525,427	527,759	8,073	542,412	550,485
Other Services	250	3,641	3,891		5,384	5,384		940	940	1,219	966	2,185
Supplies	2,876	12,803	15,679	5,776	18,657	24,433	2,792	12,550	15,342	4,414	18,349	22,763
Communications	180	6,755	6,935		7,058	7,058	29	6,867	6,896		6,227	6,227
Travel		17,695	17,695	13,475	30,823	44,298	8,234	19,977	28,211	4,977	22,535	27,512
Buildings & Grounds		182	182		679	679			-			-
Other Expenses		15,730	15,730	1,699	19,793	21,492		20,986	20,986		15,868	15,868
Course Licensing	191,329		191,329	359,043		359,043	116,890		116,890	85,989		85,989
Student Information System	42,790		42,790	49,360		49,360	58,080		58,080	55,860		55,860
Contracting - Tutor.com Services			-	83,250		83,250			-	12,758		12,758
Other /Subscription / Hosting Services	20,915		20,915	49,580		49,580	58,784		58,784	67,227		67,227
Transfer to UM			-		87,319	87,319			-		35,000	35,000
Misc			-	1,775		1,775	667		667	85		85
Payments to Schools for Teacher & Instructional Coach Costs	825,888		825,888	965,076		965,076	1,071,447		1,071,447	1,208,029		1,208,029
<b>FINAL EXPENDITURES</b>	<b>1,135,541</b>	<b>433,815</b>	<b>1,569,356</b>	<b>1,557,852</b>	<b>672,649</b>	<b>2,230,501</b>	<b>1,319,255</b>	<b>586,747</b>	<b>1,906,002</b>	<b>1,448,631</b>	<b>641,357</b>	<b>2,089,988</b>
<i>% of Budget</i>	<i>72.4%</i>	<i>27.6%</i>	<i>100.0%</i>	<i>69.8%</i>	<i>30.2%</i>	<i>100.0%</i>	<i>69.2%</i>	<i>30.8%</i>	<i>100.0%</i>	<i>69.3%</i>	<i>30.7%</i>	<i>100.0%</i>
Balance to Carryforward to next FY			314,206			1,705			96,203			6,715
<i>Staff FTE</i>		<i>5.3</i>			<i>5.3</i>			<i>5.3</i>			<i>5.1</i>	



## APPENDIX B



2018-2019

### Original Credit High School Course List

Department	Courses
Career and Technical Education	Coding for Web Design (1 semester) (formerly Web Design) Microsoft® Office (1 semester) Personal Finance (1 semester) Health Occupations (1 semester) Computer Science I: Joy and Beauty of Computer Science-DUAL CREDIT (1 semester)** Computer Science I: Joy and Beauty of Computer Science-HIGH SCHOOL (1 semester) Sports and Entertainment Marketing (1 semester) Entrepreneurship (1 semester) AP® Computer Science A
English/Language Arts	English 1 English 2 English 3 English 4 AP® Language and Composition AP® Literature and Composition Creative Writing (1 semester) Mythology and Folklore (1 semester)
Special Electives	Native American Studies (1 semester)
Family & Consumer Science	Now We're Cooking: An Introduction to Culinary Arts (1 semester) Fashion Design (Fall Only; 1 Semester) Interior Design (Spring Only; 1 semester)
Fine Arts	Digital Photography (1 semester) Art History/Appreciation (1 semester) AP® Art History
Health and Physical Education	Health (1 semester) Physical Education I (1 semester) Physical Education II (1 semester) Anatomy and Physiology Sports Officiating (1 Semester)
Mathematics	Pre-Algebra Algebra 1 Geometry Algebra 2 with Trigonometry Pre-Calculus-DUAL CREDIT* AP® Calculus AB

	AP® Statistics Intro. to Statistics (1 semester)
Music	Music Appreciation (1 semester)
Science	Earth Science Biology Chemistry Physics AP® Environmental Science AP® Biology Oceanography Astronomy (1 semester) Veterinary Science (1 semester)
Social Studies and History	Global Studies Montana History (1 semester) World History US History AP® US History Psychology (1 semester) American Government/Single Semester (1 semester) American Government/Year Long AP® Government and Politics AP® Microeconomics (1 Semester; Fall Only) AP® Macroeconomics (1 Semester; Spring Only) AP® Psychology Criminology (1 semester)
World Languages	Chinese 1 (delivered by the UM Confucius Institute) Chinese 2 (delivered by the UM Confucius Institute) Chinese 3 (delivered by the UM Confucius Institute) French 1 French 2 French 3 German 1# German 2# Latin 1# Latin 2# Spanish 1 Spanish 2 Spanish 3 Irish Language Studies 1 (delivered by the UM Irish Studies Program)
Dual Credit with MUS Schools	MUS <b>Dual Credit</b> information available at: <a href="http://mus.edu/DualEnroll/index.html">http://mus.edu/DualEnroll/index.html</a>

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

\*\* Dual Credit with Helena College of the University of Montana

# These courses have enrollment caps and are available first come, first serve.





MONTANA DIGITAL ACADEMY

## 2018-2019 High School Credit Recovery Course List

Department	Courses
English/Language Arts	English 1A English 1B English 2A English 2B English 3A English 3B English 4A English 4B
Health and Physical Education	Health (1 semester)
Mathematics  ** Mathematics courses are broken up into Part 1 and Part 2. Students must take and pass both parts to qualify for a recommendation of credit.	Pre-Algebra A, Part 1 Pre-Algebra A, Part 2 Pre-Algebra B, Part 1 Pre-Algebra B, Part 2 Algebra 1A, Part 1 Algebra 1A, Part 2 Algebra 1B, Part 1 Algebra 1B, Part 2 Geometry A, Part 1 Geometry A, Part 2 Geometry B, Part 1 Geometry B, Part 2 Algebra 2A, Part 1 Algebra 2A, Part 2 Algebra 2B, Part 1 Algebra 2B, Part 2
Science	Earth Science A Earth Science B Biology A Biology B[Type text]
Social Studies and History	American History A American History B Geography A Geography B Government A Government B World History A World History B



## 2018-2019 Middle School Language Course List

<b>Department</b>	<i>Courses</i>
World Languages	French German Latin Mandarin Chinese Spanish World Language Sampler

**APPENDIX C-1  
MHSA SCHOOL PARTICIPATION  
FY14 – FY17**

**MHSA SCHOOL PARTICIPATION**

<b>2013-14</b>		<b># SCHS</b>	<b># PARTCP</b>	<b>% PARTCP</b>
	AA	14	14	100%
	A	20	20	100%
	B	39	31	79%
	C	95	71	75%
		<b>168</b>	<b>136</b>	<b>81%</b>

<b>2014-15</b>		<b># SCHS</b>	<b># PARTCP</b>	<b>% PARTCP</b>
	AA	14	14	100%
	A	20	20	100%
	B	39	29	74%
	C	95	73	77%
		<b>168</b>	<b>136</b>	<b>81%</b>

<b>2015-16</b>		<b># SCHS</b>	<b># PARTCP</b>	<b>% PARTCP</b>
	AA	14	14	100%
	A	20	20	100%
	B	39	30	77%
	C	95	79	83%
		<b>168</b>	<b>143</b>	<b>85%</b>

<b>2016-17</b>		<b># SCHS</b>	<b># PARTCP</b>	<b>% PARTCP</b>
	AA	14	14	100%
	A	20	20	100%
	B	39	29	74%
	C	95	79	83%
		<b>168</b>	<b>142</b>	<b>85%</b>



APPENDIX C-2

MTDA IMPACT ON RURAL/SMALL SCHOOLS  
 DISTRIBUTION COMPARISON BY MHSA CLASSIFICATION  
 FY14 – FY17

**MONTANA DIGITAL ACADEMY**

**FY14 - FY17 ORIGINAL CREDIT**

	OC	OC-AP	TOTAL ENR	% of ENRs	
AA	5666	151	5817	34%	34%
A	2753	121	2874	17%	64%
B	3629	239	3868	22%	
C	4139	198	4337	25%	
Alt Ed	170	5	175	1%	3%
JDC	1	0	1	0%	
JH/Middle	289	1	290	2%	
	<b>16647</b>	<b>715</b>	<b>17362</b>	<b>100%</b>	<b>100%</b>



**APPENDIX C-3**

**COMPLETED ENROLLMENTS FOR ALL CLASS TYPES**

**ORIGINAL CREDIT, ORIGINAL CREDIT ADVANCED PLACEMENT, CREDIT RECOVERY  
and MIDDLE SCHOOL LANGUAGE**

**FY14 – FY17**

<b>MHSA CLASSIFICATION</b>								<b>TOTAL</b>
<b>AA</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>ALT ED</b>	<b>JDC</b>	<b>JH/MS</b>		
<b>ORIGINAL CREDIT</b>								<b>OC</b>
<b>FY</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>
2013-14	1244	525	785	830	19	1	106	3510
2014-15	1395	699	902	1015	33		89	4133
2015-16	1425	685	853	1193	30		35	4221
2016-17	1602	844	1089	1101	88		59	4783
<b>ORIGINAL CREDIT-ADV PLACEMENT</b>								<b>OC-AP</b>
<b>FY</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>
2013-14	30	18	50	52			1	151
2014-15	39	16	63	31				149
2015-16	38	27	44	60	2			171
2016-17	44	60	82	55	3			244
<b>CREDIT RECOVERY</b>								<b>CR</b>
<b>FY</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>
2013-14	537	282	119	66	562	15	3	1584
2014-15	839	536	133	154	698	16		2376
2015-16	747	444	196	69	545	6	2	2009
2016-17	788	388	255	113	500			2044
<b>MIDDLE SCHOOL LANGUAGE</b>								<b>MSL</b>
<b>FY</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>
2013-14			1	5			340	346
2014-15							453	453
2015-16							545	545
2016-17							640	640
<b>SUMMARY</b>								
<b>FY</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>	<b># ENRs</b>
2013-14	1811	825	955	953	581	16	450	5591
2014-15	2273	1251	1098	1200	731	16	542	7111
2015-16	2210	1156	1093	1322	577	6	582	6946
2016-17	2434	1292	1426	1269	591	0	699	7711





# APPENDIX D-1

## ORIGINAL CREDIT SUCCESSFUL COMPLETION RATES

### FY14 – FY17

		ORIGINAL CREDIT COMPLETION RATES																													
		FY14						FY15						FY16						FY17						4 YEAR SUMMARY FY14 - FY17					
		Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL
GRADE ISSUED:		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%	
THE ARTS	# ENRs	36	38	42	62	73	251	30	22	35	61	65	213	32	28	30	40	61	191	27	33	30	45	77	212	125	121	137	208	276	867
	% of Grade Range	14%	15%	17%	25%	29%	100%	14%	10%	16%	29%	31%	100%	17%	15%	16%	21%	32%	100%	13%	16%	14%	21%	36%	100%	14%	14%	16%	24%	32%	100%
	Completion Rate	86%						86%						83%						87%						86%					
BUSINESS & TECHNOLOGY EDUCATION	# ENRs	48	38	69	71	103	329	71	61	79	88	139	438	43	59	73	87	174	436	64	71	76	123	181	515	226	229	297	369	597	1718
	% of Grade Range	15%	12%	21%	22%	31%	100%	16%	14%	18%	20%	32%	100%	10%	14%	17%	20%	40%	100%	12%	14%	15%	24%	35%	100%	13%	13%	17%	21%	35%	100%
	Completion Rate	85%						84%						90%						88%						87%					
ENGLISH LANGUAGE ARTS	# ENRs	87	68	87	99	144	485	120	81	104	118	159	582	111	82	95	120	163	571	74	65	73	119	182	513	392	296	359	456	648	2151
	% of Grade Range	18%	14%	18%	20%	30%	100%	21%	14%	18%	20%	27%	100%	19%	14%	17%	21%	29%	100%	14%	13%	14%	23%	35%	100%	18%	14%	17%	21%	30%	100%
	Completion Rate	82%						79%						81%						86%						82%					
FAMILY & CONSUMER SCIENCE	# ENRs							13	9	13	10	9	54	18	19	22	16	29	104	22	16	12	20	28	98	53	44	47	46	66	256
	% of Grade Range							24%	17%	24%	19%	17%	100%	17%	18%	21%	15%	28%	100%	22%	16%	12%	20%	29%	100%	21%	17%	18%	18%	26%	100%
	Completion Rate							76%						83%						78%						79%					
HEALTH/PHYSICAL EDUCATION	# ENRs	26	20	28	71	168	313	27	26	26	61	143	283	27	34	75	125	243	504	59	52	81	174	234	600	139	132	210	431	788	1700
	% of Grade Range	8%	6%	9%	23%	54%	100%	10%	9%	9%	22%	51%	100%	5%	7%	15%	25%	48%	100%	10%	9%	14%	29%	39%	100%	8%	8%	12%	25%	46%	100%
	Completion Rate	92%						90%						95%						90%						92%					
MATH	# ENRs	82	43	42	61	53	281	96	53	41	80	63	333	42	39	49	65	63	258	58	53	55	67	105	338	278	188	187	273	284	1210
	% of Grade Range	29%	15%	15%	22%	19%	100%	29%	16%	12%	24%	19%	100%	16%	15%	19%	25%	24%	100%	17%	16%	16%	20%	31%	100%	23%	16%	15%	23%	23%	100%
	Completion Rate	71%						71%						84%						83%						77%					
MUSIC	# ENRs	7	4	9	6	8	34	13	4	5	10	15	47	8	6	4	8	16	42	11	6	4	7	12	40	39	20	22	31	51	163
	% of Grade Range	21%	12%	26%	18%	24%	100%	28%	9%	11%	21%	32%	100%	19%	14%	10%	19%	38%	100%	28%	15%	10%	18%	30%	100%	24%	12%	13%	19%	31%	100%
	Completion Rate	79%						72%						81%						73%						76%					
SCIENCE	# ENRs	40	27	35	49	51	202	78	35	61	58	84	316	35	36	51	72	94	288	53	34	80	99	126	392	206	132	227	278	355	1198
	% of Grade Range	20%	13%	17%	24%	25%	100%	25%	11%	19%	18%	27%	100%	12%	13%	18%	25%	33%	100%	14%	9%	20%	25%	32%	100%	17%	11%	19%	23%	30%	100%
	Completion Rate	80%						75%						88%						86%						83%					
SOCIAL STUDIES	# ENRs	94	93	109	155	282	733	163	153	158	229	387	1090	125	125	165	242	371	1028	142	136	210	267	488	1243	524	507	642	893	1528	4094
	% of Grade Range	13%	13%	15%	21%	38%	100%	15%	14%	14%	21%	36%	100%	12%	12%	16%	24%	36%	100%	11%	11%	17%	21%	39%	100%	13%	12%	16%	22%	37%	100%
	Completion Rate	87%						85%						88%						89%						87%					
WORLD LANGUAGES	# ENRs	64	83	176	282	277	882	105	71	125	199	268	768	95	82	136	219	267	799	89	84	153	258	243	827	353	320	590	958	1055	3276
	% of Grade Range	7%	9%	20%	32%	31%	100%	14%	9%	16%	26%	35%	100%	12%	10%	17%	27%	33%	100%	11%	10%	19%	31%	29%	100%	11%	10%	18%	29%	32%	100%
	Completion Rate	93%						86%						88%						89%						89%					
		484	414	597	856	1159	3510	716	515	647	914	1332	4124	536	510	700	994	1481	4221	599	550	774	1179	1676	4778	2335	1989	2718	3943	5648	16633
		14%	12%	17%	24%	33%		17%	12%	16%	22%	32%		13%	12%	17%	24%	35%		13%	12%	16%	25%	35%		14%	12%	16%	24%	34%	
		86%						83%						87%						87%						86%					



## APPENDIX D-2

### ORIGINAL CREDIT –ADVANCED PLACEMENT SUCCESSFUL COMPLETION RATES

FY14 – FY17

ORIGINAL CREDIT- ADVANCED PLACEMENT COMPLETION RATES																																				
		FY14						FY15						FY16						FY17						4 YEAR SUMMARY FY14 - FY17										
		Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL					
GRADE ISSUED:	0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%							
THE ARTS	# ENRs																																			
	% of Grade Range																																			
	Completion Rate													90%						100%						94%										
BUSINESS & TECHNOLOGY EDUCATION	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																			50%						50%										
ENGLISH LANGUAGE ARTS	# ENRs	6	1	6	14	23	50	1	3	11	6	24	45			2	3	21	26	5	4	7	12	28						12	4	23	30	80	149	
	% of Grade Range	12%	2%	12%	28%	46%	100%	2%	7%	24%	13%	53%	100%			8%	12%	81%	100%	18%	14%	25%	43%	100%						8%	3%	15%	20%	54%	100%	
	Completion Rate	88%						98%						100%						82%						92%										
FAMILY & CONSUMER SCIENCE	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
HEALTH/ PHYSICAL EDUCATION	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
MATH	# ENRs	1	2	11	11	8	33	1	1	2	7	12	23		1	2	10	22	35	1	5	3	13	26	48						3	9	18	41	68	139
	% of Grade Range	3%	6%	33%	33%	24%	100%	4%	4%	9%	30%	52%	100%		3%	6%	29%	63%	100%	2%	10%	6%	27%	54%	100%						2%	6%	13%	29%	49%	100%
	Completion Rate	97%						96%						100%						98%						98%										
MUSIC	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
SCIENCE	# ENRs	3	1	2	6	4	16	4	1	1	2	5	13	4	1	7	4	16		2	3	11	14	30						11	4	7	26	27	75	
	% of Grade Range	19%	6%	13%	38%	25%	100%	31%	8%	8%	15%	38%	100%	25%	6%	44%	25%	100%		7%	10%	37%	47%	100%						15%	5%	9%	35%	36%	100%	
	Completion Rate	81%						69%						75%						100%						85%										
SOCIAL STUDIES	# ENRs	4		7	12	29	52	2	4	12	19	31	68	4	6	5	30	39	84	6	6	15	30	69	126						16	16	39	91	168	330
	% of Grade Range	8%		13%	23%	56%	100%	3%	6%	18%	28%	46%	100%	5%	7%	6%	36%	46%	100%	5%	5%	12%	24%	55%	100%						5%	5%	12%	28%	51%	100%
	Completion Rate	92%						97%						95%						95%						95%										
WORLD LANGUAGES	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
		14	4	26	43	64	151	8	9	26	34	72	149	9	8	12	55	87	171	14	15	26	65	124	244						45	36	90	197	347	715
		9%	3%	17%	28%	42%	5%	6%	17%	23%	48%	5%	5%	7%	32%	51%	6%	6%	11%	27%	51%						6%	5%	13%	28%	49%					
		91%						95%						95%						94%						94%										



**APPENDIX D-3**  
**CREDIT RECOVERY SUCCESSFUL COMPLETION RATES**  
**FY14 – FY17**

		CREDIT RECOVERY COMPLETION RATES																																	
		FY14						FY15						FY16						FY17						4 YEAR SUMMARY FY14 - FY17									
		Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL										
0-59%	60-69%	70-79%	80-89%	90-100%	0-59%	60-69%		70-79%	80-89%	90-100%	0-59%	60-69%		70-79%	80-89%	90-100%	0-59%	60-69%		70-79%	80-89%	90-100%	0-59%	60-69%		70-79%	80-89%	90-100%							
THE ARTS	# ENRs	1	2	7	3	13	1	8	7	5	21	1	2		1	4													2	1	12	14	9	38	
	% of Grade Range	8%	15%	54%	23%	100%	5%	38%	33%	24%	100%	25%	50%		25%	100%													5%	3%	32%	37%	24%	100%	
	Completion Rate	92%						100%						75%						95%															
BUSINESS & TECHNOLOGY EDUCATION	# ENRs		2	8	2	12				1	3	4				3	3														2	12	5	19	
	% of Grade Range		17%	67%	17%	100%				25%	75%	100%				100%	100%														11%	63%	26%	100%	
	Completion Rate	100%						100%						100%						100%															
ENGLISH LANGUAGE ARTS	# ENRs	10	16	100	348	57	531	13	27	128	458	66	692	6	1	91	444	109	651		1	113	515	123	752	29	45	432	1765	355	2626				
	% of Grade Range	2%	3%	19%	66%	11%	100%	2%	4%	18%	66%	10%	100%	1%	0%	14%	68%	17%	100%		0%	15%	68%	16%	100%	1%	2%	16%	67%	14%	100%				
	Completion Rate	98%						98%						99%						100%															
FAMILY & CONSUMER SCIENCE	# ENRs																																		
	% of Grade Range																																		
	Completion Rate																																		
HEALTH/PHYSICAL EDUCATION	# ENRs	1	1	14	86	17	119	1	1	47	108	23	180			15	65	55	135			1	85	20	106	2	2	77	344	115	540				
	% of Grade Range	1%	1%	12%	72%	14%	100%	1%	1%	26%	60%	13%	100%			11%	48%	41%	100%			1%	80%	19%	100%	0.4%	0%	14%	64%	21%	100%				
	Completion Rate	99%						99%						100%						100%															
MATH	# ENRs	2	5	26	168	69	270	2	3	48	260	115	428	2		24	146	66	238			24	164	58	246	6	8	122	738	308	1182				
	% of Grade Range	1%	2%	10%	62%	26%	100%	0%	1%	11%	61%	27%	100%	1%		10%	61%	28%	100%			10%	67%	24%	100%	0.5%	1%	10%	62%	26%	100%				
	Completion Rate	99%						99.5%						99.2%						100%															
MUSIC	# ENRs																																		
	% of Grade Range																																		
	Completion Rate																																		
SCIENCE	# ENRs	4	30	190	26	250	1	6	97	298	48	450	3		54	263	36	356		1	50	296	40	387	4	11	231	1047	150	1443					
	% of Grade Range	2%	12%	76%	10%	100%	0.2%	1%	22%	66%	11%	100%	1%		15%	74%	10%	100%		0%	13%	76%	10%	100%	0%	1%	16%	73%	10%	100%					
	Completion Rate	100%						99.8%						99%						100%															
SOCIAL STUDIES	# ENRs	1	1	48	213	126	389	2	6	100	319	174	601	3	4	48	407	160	622		1	33	402	117	553	6	12	229	1341	577	2165				
	% of Grade Range	0.3%	0%	12%	55%	32%	100%	0%	1%	17%	53%	29%	100%	0.5%	1%	8%	65%	26%	100%		0%	6%	73%	21%	100%	0.3%	1%	11%	62%	27%	100%				
	Completion Rate	99.7%						99.7%						99.5%						100.0%															
WORLD LANGUAGES	# ENRs																																		
	% of Grade Range																																		
	Completion Rate																																		
		15	27	222	1020	300	1584	19	44	428	1451	434	2376	15	5	234	1328	427	2009	3	221	1462	358	2044	49	79	1105	5261	1519	8013					
		1%	2%	14%	64%	19%	1%	2%	18%	61%	18%	1%	0%	12%	66%	21%	0%	11%	72%	18%	0%	11%	72%	18%	1%	1%	14%	66%	19%						
		99%						99%						99%						100%															



**APPENDIX D-4**  
**MIDDLE SCHOOL LANGUAGE SUCCESSFUL COMPLETION RATES**  
**FY14 – FY17**

		MIDDLE SCHOOL LANGUAGE COMPLETION RATES																																		
		FY14						FY15						FY16						FY17						4 YEAR SUMMARY FY14 - FY17										
		Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL					
GRADE ISSUED:	0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%		0-59%	60-69%	70-79%	80-89%	90-100%	
THE ARTS	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
BUSINESS & TECHNOLOGY EDUCATION	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
ENGLISH LANGUAGE ARTS	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
FAMILY & CONSUMER SCIENCE	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
HEALTH/ PHYSICAL EDUCATION	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
MATH	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
MUSIC	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
SCIENCE	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
SOCIAL STUDIES	# ENRs																																			
	% of Grade Range																																			
	Completion Rate																																			
WORLD LANGUAGES	# ENRs	53	36	38	78	141	346	45	35	85	114	174	453	52	40	88	136	229	545	76	60	89	149	266	640	226	171	300	477	810	1984					
	% of Grade Range	15%	10%	11%	23%	41%	100%	10%	8%	19%	25%	38%	100%	10%	7%	16%	25%	42%	100%	12%	9%	14%	23%	42%	100%	11%	9%	15%	24%	41%	100%					
	Completion Rate	85%						90%						90%						88%						89%										
	53	36	38	78	141	346	45	35	85	114	174	453	52	40	88	136	229	545	76	60	89	149	266	640	226	171	300	477	810	1984						
	15%	10%	11%	23%	41%		10%	8%	19%	25%	38%		10%	7%	16%	25%	42%		12%	9%	14%	23%	42%		11%	9%	15%	24%	41%							
	85%						90%						90%						88%						89%											





APPENDIX D-5

4-YEAR SUMMARY – COMPLETION RATES BY CREDIT TYPE / DEPARTMENT

FY14 – FY17

COMPLETION RATES - 4 YEAR SUMMARY FY14 - FY17																																							
		ORIGINAL CREDIT						ORIGINAL CREDIT - ADV PL						CREDIT RECOVERY						MIDDLE SCHOOL LANGUAGE						ALL CREDIT TYPES <small>(OC, OC-AP, CR, MSU)</small>													
		Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL	Successful Completion					TOTAL								
GRADE ISSUED:		0-59%	60-69%	70-79%	80-89%	90-100%	TOTAL	0-	60-	70-	80-	90-	TOTAL	0-	60-	70-	80-	90-	TOTAL	0-59%	60-	70-	80-	90-	TOTAL	0-	60-	70-	80-	90-	TOTAL								
THE ARTS	# ENRs	125	121	137	208	276	867	1	3	3	9	2	18	2	1	12	14	9	38														128	125	152	231	287	923	
	% of Grade Range	14%	14%	16%	24%	32%	100%	6%	17%	17%	50%	11%	100%	5%	3%	32%	37%	24%	100%															14%	14%	16%	25%	31%	100%
	Completion Rate	86%						94%						95%						86%																			
BUSINESS & TECHNOLOGY EDUCATION	# ENRs	226	229	297	369	597	1718	2				2	4			2	12	5	19														228	229	299	381	604	1741	
	% of Grade Range	13%	13%	17%	21%	35%	100%	50%	0%	0%	0%	50%	100%	0%	0%	11%	63%	26%	100%															13%	13%	17%	22%	35%	100%
	Completion Rate	87%						50%						100%						87%																			
ENGLISH LANGUAGE ARTS	# ENRs	392	296	359	456	648	2151	12	4	23	30	80	149	29	45	432	1765	355	2626															433	345	814	2251	1083	4926
	% of Grade Range	18%	14%	17%	21%	30%	100%	8%	3%	15%	20%	54%	100%	1%	2%	16%	67%	14%	100%															9%	7%	17%	46%	22%	100%
	Completion Rate	82%						92%						99%						91%																			
FAMILY & CONSUMER SCIENCE	# ENRs	53	44	47	46	66	256																										53	44	47	46	66	256	
	% of Grade Range	21%	17%	18%	18%	26%	100%																										21%	17%	18%	18%	26%	100%	
	Completion Rate	79%																		79%																			
HEALTH/ PHYSICAL EDUCATION	# ENRs	139	132	210	431	788	1700							2	2	77	344	115	540														141	134	287	775	903	2240	
	% of Grade Range	8%	8%	12%	25%	46%	100%							0.4%	0%	14%	64%	21%	100%														6%	6%	13%	35%	40%	100%	
	Completion Rate	92%												99.6%						94%																			
MATH	# ENRs	278	188	187	273	284	1210	3	9	18	41	68	139	6	8	122	738	308	1182														287	205	327	1052	660	2531	
	% of Grade Range	23%	16%	15%	23%	23%	100%	2%	6%	13%	29%	49%	100%	1%	1%	10%	62%	26%	100%														11%	8%	13%	42%	26%	100%	
	Completion Rate	77%						98%						99%						89%																			
MUSIC	# ENRs	39	20	22	31	51	163																										39	20	22	31	51	163	
	% of Grade Range	24%	12%	13%	19%	31%	100%																										24%	12%	13%	19%	31%	100%	
	Completion Rate	76%																		76%																			
SCIENCE	# ENRs	206	132	227	278	355	1198	11	4	7	26	27	75	4	11	231	1047	150	1443														221	147	465	1351	532	2716	
	% of Grade Range	17%	11%	19%	23%	30%	100%	15%	5%	9%	35%	36%	100%	0.3%	1%	16%	73%	10%	100%														8%	5%	17%	50%	20%	100%	
	Completion Rate	83%						85%						99.7%						92%																			
SOCIAL STUDIES	# ENRs	524	507	642	893	1528	4094	16	16	39	91	168	330	6	12	229	1341	577	2165														546	535	910	2325	2273	6589	
	% of Grade Range	13%	12%	16%	22%	37%	100%	5%	5%	12%	28%	51%	100%	0.3%	1%	11%	62%	27%	100%														8%	8%	14%	35%	34%	100%	
	Completion Rate	87%						95%						99.7%						92%																			
WORLD LANGUAGES	# ENRs	353	320	590	958	1055	3276													226	171	300	477	810	1984	579	491	890	1435	1865	5260								
	% of Grade Range	11%	10%	18%	29%	32%	100%													11%	9%	15%	24%	41%	100%	11%	9%	17%	27%	35%	100%								
	Completion Rate	89%																		89%																			
		2335	1989	2718	3943	5648	16633	45	36	90	197	347	715	49	79	1105	5261	1519	8013	226	171	300	477	810	1984	2655	2275	4213	9878	8324	27345								
		14%	12%	16%	24%	34%	6%	5%	13%	28%	49%	1%	1%	14%	66%	19%	11%	9%	15%	24%	41%	10%	8%	15%	36%	30%													
		86%						94%						99%						89%						90%													



## APPENDIX E-1

### COMPLETION RATES BY GRADE LEVEL / GENDER / ALL CREDIT TYPES

FY14 – FY17

2013-14						
# ENRs	FEMALE		MALE		TOTAL MALE & FEMALE	
	# UNIQUE STUDENTS	# ENRs	# UNIQUE STUDENTS	# ENRs	TOTAL UNIQUE STUDENTS	TOTAL ENRs
1	937	937	710	710	1647	1647
2	646	1292	454	908	1100	2200
3	109	327	63	189	172	516
4	45	180	39	156	84	336
5	20	100	21	105	41	205
6	23	138	14	84	37	222
7	11	77	11	77	22	154
8	4	32	2	16	6	48
9	3	27	1	27	4	54
10	2	20	6	60	8	80
11	2	22	2	22	4	44
12	6	72			6	72
13			1	13	1	13
14						
15						
	1808	3224	1324	2367	3132	5591

2015-16						
# ENRs	FEMALE		MALE		TOTAL MALE & FEMALE	
	# UNIQUE STUDENTS	# ENRs	# UNIQUE STUDENTS	# ENRs	TOTAL UNIQUE STUDENTS	TOTAL ENRs
1	1148	1148	996	996	2144	2144
2	795	1590	563	1126	1358	2716
3	150	450	101	303	251	753
4	113	452	50	200	163	652
5	26	130	19	95	45	225
6	14	84	6	36	20	120
7	7	49	9	63	16	112
8	6	48	5	40	11	88
9	2	18	1	9	3	27
10	2	20	1	10	3	30
11						
12	2	24			2	24
13	1	13			1	13
14	3	42			3	42
15						
	2269	4068	1751	2878	4020	6946

2014-15						
# ENRs	FEMALE		MALE		TOTAL MALE & FEMALE	
	# UNIQUE STUDENTS	# ENRs	# UNIQUE STUDENTS	# ENRs	TOTAL UNIQUE STUDENTS	TOTAL ENRs
1	1021	1021	907	907	1928	1928
2	750	1500	493	986	1243	2486
3	171	513	113	339	284	852
4	108	432	78	312	186	744
5	39	195	39	195	78	390
6	17	102	15	90	32	192
7	11	77	2	14	13	91
8	10	80	5	40	15	120
9	7	63	4	36	11	99
10	4	40	4	40	8	80
11	2	22			2	22
12	3	36			3	36
13	1	13			1	13
14	2	28			2	28
15	1	15	1	15	2	30
	2147	4137	1661	2974	3808	7111

2016-17						
# ENRs	FEMALE		MALE		TOTAL MALE & FEMALE	
	# UNIQUE STUDENTS	# ENRs	# UNIQUE STUDENTS	# ENRs	TOTAL UNIQUE STUDENTS	TOTAL ENRs
1	1202	1202	1033	1033	2235	2235
2	964	1928	634	1268	1598	3196
3	171	513	113	339	284	852
4	86	344	75	300	161	644
5	29	145	19	95	48	240
6	17	102	7	42	24	144
7	9	63	6	42	15	105
8	9	72			9	72
9	2	18	1	9	3	27
10	3	30	3	30	6	60
11	3	33			3	33
12	1	12	2	24	3	36
13	1	13	3	39	4	52
14						
15	1	15			1	15
	2498	4490	1896	3221	4394	7711

SUMMARY - FY14, FY15, FY16, FY17						
# ENRs	FEMALE		MALE		TOTAL MALE & FEMALE	
	# UNIQUE STUDENTS	# ENRs	# UNIQUE STUDENTS	# ENRs	TOTAL UNIQUE STUDENTS	TOTAL ENRs
1	4308	4308	3646	3646	7954	7954
2	3155	6310	2144	4288	5299	10598
3	601	1803	390	1170	991	2973
4	352	1408	242	968	594	2376
5	114	570	98	490	212	1060
6	71	426	42	252	113	678
7	38	266	28	196	66	462
8	29	232	12	96	41	328
9	14	126	7	81	21	207
10	11	110	14	140	25	250
11	7	77	2	22	9	99
12	12	144	2	24	14	168
13	3	39	4	52	7	91
14	5	70	0	0	5	70
15	2	30	1	15	3	45
	8722	15919	6632	0	15354	27359



## APPENDIX E-2

### COMPLETION RATES BY GRADE LEVEL / GENDER / ALL CREDIT TYPES

FY14 – FY17

2013-14															
GRADE LEVEL	FEMALE					MALE					TOTAL MALE & FEMALE				
	# UNIQUE STUDENTS	# ENRs	# w/ FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	COMPLETION RATE	# UNIQUE STUDENTS	# ENRs	# with FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	COMPLETION RATE	TOTAL UNIQUE STUDENTS	TOTAL ENRs	# w/ FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	OVERALL COMPLETION RATE
6	3	5	1	4	80%	1	1		1	100%	4	6	1	5	83%
7	56	105	7	98	93%	44	75	12	63	84%	100	180	19	161	89%
8	70	133	17	116	87%	67	130	24	106	82%	137	263	41	222	84%
9	248	521	62	459	88%	191	396	55	341	86%	439	917	117	800	87%
10	494	925	89	836	90%	304	524	49	475	91%	798	1449	138	1311	90%
11	535	907	87	820	90%	385	696	68	628	90%	920	1603	155	1448	90%
12	403	628	43	585	93%	335	545	52	493	90%	738	1173	95	1078	92%
ALL GRADES	1809	3224	306	2918	91%	1327	2367	260	2107	89%	3136	5591	566	5025	90%

2014-15															
GRADE LEVEL	FEMALE					MALE					TOTAL MALE & FEMALE				
	# UNIQUE STUDENTS	# ENRs	# w/ FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	COMPLETION RATE	# UNIQUE STUDENTS	# ENRs	# with FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	COMPLETION RATE	TOTAL UNIQUE STUDENTS	TOTAL ENRs	# w/ FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	OVERALL COMPLETION RATE
6	14	18		18	100%	9	13		13	100%	23	31		31	100%
7	66	131	13	118	90%	63	113	14	99	88%	129	244	27	217	89%
8	84	155	13	142	92%	79	145	20	125	86%	163	300	33	267	89%
9	337	750	85	665	89%	253	540	60	480	89%	590	1290	145	1145	89%
10	593	1173	147	1026	87%	437	747	66	681	91%	1030	1920	213	1707	89%
11	670	1224	182	1042	85%	499	844	97	747	89%	1169	2068	279	1789	87%
12	434	686	55	631	92%	367	572	62	510	89%	801	1258	117	1141	91%
ALL GRADES	2198	4137	495	3642	88%	1707	2974	319	2655	89%	3905	7111	814	6297	89%

2015-16															
GRADE LEVEL	FEMALE					MALE					TOTAL MALE & FEMALE				
	# UNIQUE STUDENTS	# ENRs	# w/ FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	COMPLETION RATE	# UNIQUE STUDENTS	# ENRs	# with FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	COMPLETION RATE	TOTAL UNIQUE STUDENTS	TOTAL ENRs	# w/ FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	OVERALL COMPLETION RATE
6	15	21	3	18	86%	11	13	2	11	85%	26	34	5	29	85%
7	78	124	11	113	91%	73	118	14	104	88%	151	242	25	217	90%
8	102	159	10	149	94%	98	152	16	136	89%	200	311	26	285	92%
9	260	424	34	390	92%	216	350	34	316	90%	476	774	68	706	91%
10	538	913	68	845	93%	386	597	49	548	92%	924	1510	117	1393	92%
11	677	1329	124	1205	91%	495	837	77	760	91%	1172	2166	201	1965	91%
12	600	1098	88	1010	92%	475	811	82	729	90%	1075	1909	170	1739	91%
ALL GRADES	2270	4068	338	3730	92%	1754	2878	274	2604	90%	4024	6946	612	6334	91%

2016-17															
GRADE LEVEL	FEMALE					MALE					TOTAL MALE & FEMALE				
	# UNIQUE STUDENTS	# ENRs	# w/ FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	COMPLETION RATE	# UNIQUE STUDENTS	# ENRs	# with FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	COMPLETION RATE	TOTAL UNIQUE STUDENTS	TOTAL ENRs	# w/ FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	OVERALL COMPLETION RATE
6	9	15	3	12	80%	16	28	4	24	86%	25	43	7	36	84%
7	95	155	12	143	92%	87	152	18	134	88%	182	307	30	277	90%
8	110	208	21	187	90%	85	154	15	139	90%	195	362	36	326	90%
9	301	473	38	435	92%	199	304	27	277	91%	500	777	65	712	92%
10	525	878	88	790	90%	454	664	46	618	93%	979	1542	134	1408	91%
11	782	1347	121	1226	91%	536	880	88	792	90%	1318	2227	209	2018	91%
12	795	1414	99	1315	93%	616	1039	94	945	91%	1411	2453	193	2260	92%
ALL GRADES	2617	4490	382	4108	91%	1993	3221	292	2929	91%	4610	7711	674	7037	91%

**SUMMARY - FY14, FY15, FY16 & FY17**

GRADE LEVEL	FEMALE					MALE					TOTAL MALE & FEMALE				
	# UNIQUE STUDENTS	# ENRs	# w/ FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	COMPLETION RATE	# UNIQUE STUDENTS	# ENRs	# with FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	COMPLETION RATE	TOTAL UNIQUE STUDENTS	TOTAL ENRs	# w/ FINAL GRADE of 0-59%	# w/ FINAL GRADE of 60-100%	OVERALL COMPLETION RATE
6	41	59	7	52	88%	37	55	6	49	89%	78	114	13	101	89%
7	295	515	43	472	92%	267	458	58	400	87%	562	973	101	872	90%
8	366	655	61	594	91%	329	581	75	506	87%	695	1236	136	1100	89%
9	1146	2168	219	1949	90%	859	1590	176	1414	89%	2005	3758	395	3363	89%
10	2150	3889	392	3497	90%	1581	2532	210	2322	92%	3731	6421	602	5819	91%
11	2664	4807	514	4293	89%	1915	3257	330	2927	90%	4579	8064	844	7220	90%
12	2232	3826	285	3541	93%	1793	2967	290	2677	90%	4025	6793	575	6218	92%
ALL GRADES /ALL YEARS	8894	15919	1521	14398	90%	6781	11440	1145	10295	90%	15675	27359	2666	24693	90%

SOME STUDENTS ENROLLED UNDER MULTIPLE GRADES LEVELS AND THEREFORE DOUBLE COUNTED. FOR EXAMPLE A STUDENT MAY BE ENROLLED AS A 9TH GRADER FOR THE SUMMER TERM AND ENROLLED AS A 10TH GRADER FOR THE FALL TERM

**APPENDIX E-3**

**STUDENT ETHNICITY – NUMBER OF UNIQUE STUDENTS/GRADE LEVEL**

**FY14 – FY17**

<b>FY14 - FY17 SUMMARY OF (UNIQUE) STUDENT ETHNICITY BY GRADE LEVEL</b>										
<b>GRADE LEVEL:</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>Total</b>	<b>% OF TOTAL</b>	
<b>American Indian or Alaska Native</b>	<b>2013-14</b>	1		5	29	34	57	30	<b>156</b>	
	<b>2014-15</b>		7	6	44	64	57	36	<b>214</b>	
	<b>2015-16</b>	1	14	14	30	57	85	60	<b>261</b>	
	<b>2016-17</b>		9	15	17	47	76	82	<b>246</b>	
		<b>2</b>	<b>30</b>	<b>40</b>	<b>120</b>	<b>202</b>	<b>275</b>	<b>208</b>	<b>877</b>	<b>6%</b>
<b>Asian</b>	<b>2013-14</b>			1	8	6	11	7	<b>33</b>	
	<b>2014-15</b>	1		2	13	5	10	7	<b>38</b>	
	<b>2015-16</b>	1	1	1	5	6	13	7	<b>34</b>	
	<b>2016-17</b>		2	1	8	8	19	12	<b>50</b>	
		<b>2</b>	<b>3</b>	<b>5</b>	<b>34</b>	<b>25</b>	<b>53</b>	<b>33</b>	<b>155</b>	<b>1%</b>
<b>Black or African American</b>	<b>2013-14</b>		2	1	6	6	8	6	<b>29</b>	
	<b>2014-15</b>	2	1	1	6	12	13	14	<b>49</b>	
	<b>2015-16</b>			1	4	12	22	18	<b>57</b>	
	<b>2016-17</b>		2	2	8	8	13	20	<b>53</b>	
		<b>2</b>	<b>5</b>	<b>5</b>	<b>24</b>	<b>38</b>	<b>56</b>	<b>58</b>	<b>188</b>	<b>1%</b>
<b>Native Hawaiian or other Pacific Islander</b>	<b>2013-14</b>		1		1	1	3	3	<b>9</b>	
	<b>2014-15</b>		1	3	1	8	10	2	<b>25</b>	
	<b>2015-16</b>	1			3	6	4	7	<b>21</b>	
	<b>2016-17</b>	1	3	1	9	6	6	12	<b>38</b>	
		<b>2</b>	<b>5</b>	<b>4</b>	<b>14</b>	<b>21</b>	<b>23</b>	<b>24</b>	<b>93</b>	<b>1%</b>
<b>White</b>	<b>2013-14</b>	3	97	128	371	721	810	654	<b>2784</b>	
	<b>2014-15</b>	20	119	123	490	876	993	654	<b>3275</b>	
	<b>2015-16</b>	22	106	126	379	764	988	922	<b>3307</b>	
	<b>2016-17</b>	23	143	153	412	794	1068	1078	<b>3671</b>	
		<b>68</b>	<b>465</b>	<b>530</b>	<b>1652</b>	<b>3155</b>	<b>3859</b>	<b>3308</b>	<b>13037</b>	<b>85%</b>
<b>Unknown</b>	<b>2013-14</b>			2	24	30	29	36	<b>121</b>	
	<b>2014-15</b>		1	23	33	47	51	52	<b>207</b>	
	<b>2015-16</b>	1	30	58	55	79	58	59	<b>340</b>	
	<b>2016-17</b>	1	23	20	45	88	61	98	<b>336</b>	
		<b>2</b>	<b>54</b>	<b>103</b>	<b>157</b>	<b>244</b>	<b>199</b>	<b>245</b>	<b>1004</b>	<b>7%</b>
	<b>78</b>	<b>562</b>	<b>687</b>	<b>2001</b>	<b>3685</b>	<b>4465</b>	<b>3876</b>	<b>15354</b>	<b>100%</b>	





APPENDIX E-4

TOTAL ENROLLMENTS / COMPLETION RATES / GENDER / ETHNICITY

FY14 – FY17

American Indian or Alaska Native													
Original Credit			Original Credit - Advance Placement			Credit Recovery			Middle School Language			OVERALL	
Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs		
Enrollments	578	190	768	9	5	14	324	373	697	46	61	107	1586
Completion Rate	79%	70%	77%	89%	100%	93%	99%	99%	99%	99%	99%	99%	86%

Asian													
Original Credit			Original Credit - Advance Placement			Credit Recovery			Middle School Language			OVERALL	
Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs		
Enrollments	164	46	210	5	3	8	18	23	41	6	2	8	267
Completion Rate	91%	89%	91%	100%	100%	100%	100%	96%	98%	100%	100%	100%	93%

Black or African American													
Original Credit			Original Credit - Advance Placement			Credit Recovery			Middle School Language			OVERALL	
Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs		
Enrollments	110	54	164	5	5	10	50	89	139	10	6	16	329
Completion Rate	85%	52%	74%	100%	100%	100%	98%	100%	99%	100%	83%	94%	87%

Native Hawaiian or Other Pacific Islander													
Original Credit			Original Credit - Advance Placement			Credit Recovery			Middle School Language			OVERALL	
Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs		
Enrollments	57	27	84	0	2	2	28	20	48	12	6	18	152
Completion Rate	93%	74%	87%	0%	0%	0%	100%	100%	100%	83%	100%	89%	90%

White													
Original Credit			Original Credit - Advance Placement			Credit Recovery			Middle School Language			OVERALL	
Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs		
Enrollments	9407	4948	14355	381	273	654	2901	3893	6794	856	729	1585	23388
Completion Rate	88%	83%	86%	95%	94%	94%	100%	100%	100%	83%	93%	92%	91%

Unknown													
Original Credit			Original Credit - Advance Placement			Credit Recovery			Middle School Language			OVERALL	
Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs	Female	Male	Total ENRs		
Enrollments	701	365	1066	18	9	27	118	176	294	115	135	250	1637
Completion Rate	92%	85%	90%	89%	89%	89%	100%	99%	100%	96%	94%	95%	92%



**APPENDIX E-5**

**INCREASE IN UNIQUE STUDENTS TAKING MTDA COURSES**

**AVERAGE # ENROLLMENTS PER UNIQUE STUDENT**

**FY14 – FY17**

<b>UNIQUE STUDENTS TAKING MTDA COURSES</b>						
	<b># of Female Unique Students Taking MTDA Courses</b>	<b># of Male Unique Students Taking MTDA Courses</b>	<b>Total # of Unique Students</b>	<b>Per Year Increase in # of Unique Students Taking MTDA Courses</b>	<b>Per Year % Increase of # of Unique Students Taking MTDA Courses</b>	<b>% Increase over 4 Year Period of # of Unique Students Taking MTDA Courses</b>
<b>2013-14</b>	<b>1808</b>	<b>1324</b>	<b>3132</b>			<b>36%</b>
<b>2014-15</b>	<b>2147</b>	<b>1661</b>	<b>3808</b>	<b>676</b>	<b>22%</b>	
<b>2015-16</b>	<b>2269</b>	<b>1751</b>	<b>4020</b>	<b>212</b>	<b>6%</b>	
<b>2016-17</b>	<b>2498</b>	<b>1896</b>	<b>4394</b>	<b>374</b>	<b>9%</b>	

<b>UNIQUE STUDENTS TAKING MTDA COURSES</b>						
2013-14	<u>3132</u>	Unique Students Completed	<u>5591</u>	Enrollments =	<u>1.8</u>	Average # of Enrollments per Unique Student with an average completion rate of <u>90%</u>
2014-15	<u>3808</u>	Unique Students Completed	<u>7111</u>	Enrollments =	<u>1.9</u>	Average # of Enrollments per Unique Student with an average completion rate of <u>89%</u>
2015-16	<u>4020</u>	Unique Students Completed	<u>6946</u>	Enrollments =	<u>1.7</u>	Average # of Enrollments per Unique Student with an average completion rate of <u>91%</u>
2016-17	<u>4394</u>	Unique Students Completed	<u>7711</u>	Enrollments =	<u>1.8</u>	Average # of Enrollments per Unique Student with an average completion rate of <u>91%</u>
	<u>15354</u>	Unique Students Completed	<u>27359</u>	Enrollments =	<u>1.8</u>	Average # of Enrollments per Unique Student with an average completion rate of <u>90%</u>