

# Dual Enrollment Update

Board of Regents Meeting

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DUAL ENROLLMENT AND MONTANA CAREER PATHWAYS

OFFICE OF THE COMMISSIONER OF HIGHER EDUCATION, MONTANA UNIVERSITY SYSTEM

STATE POLICY CHAIR

NATIONAL ALLIANCE OF CONCURRENT ENROLLMENT PARTNERSHIPS (NACEP)

# Dual Enrollment & Student Success

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Compared to students who do not participate in dual enrollment, MUS dual enrollment students outperform their peers in key areas.

- 16% higher rate of first year retention (84% DE, 68% non-DE)
- Higher freshman GPA (3.1 DE, 2.8 non-DE)
- Earn more credits in their first year of college (4.1 on average).
- The benefits are independent of high school GPA, and often “B” and “C” students make larger gains than “A” students when compared to non-participating peers.

# Pell-Eligible DE Students

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Pell-eligible MUS dual enrollment participants perform substantially better in college than Pell-eligible non-dual enrollment participants.

- 18% higher first year retention rate (80% Pell-DE, 62% for Pell non-DE)
- Higher freshman GPA (2.8 Pell-DE, 2.6 Pell non-DE)
- Earn more credits as a freshman (31 cr. Pell-DE, 24.1 Pell non-DE)

# Dual Enrollment Can Help Keep Montana Students in Montana

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DUAL ENROLLMENT STUDENTS CHOOSE THE MUS:

**63% of DE students choose the MUS (vs 38% of Montana high school graduates)**



MUS GRADUATES CHOOSE MONTANA:

The majority of Montana residents who are first time freshmen enrolling in a Montana public higher education institution **choose to work in Montana after graduation:**

- 85% two-year graduates
- 75% four-year graduates

# MT: Slow Start but Gaining Fast

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Montana is making large gains in increasing dual enrollment access and engagement for students.

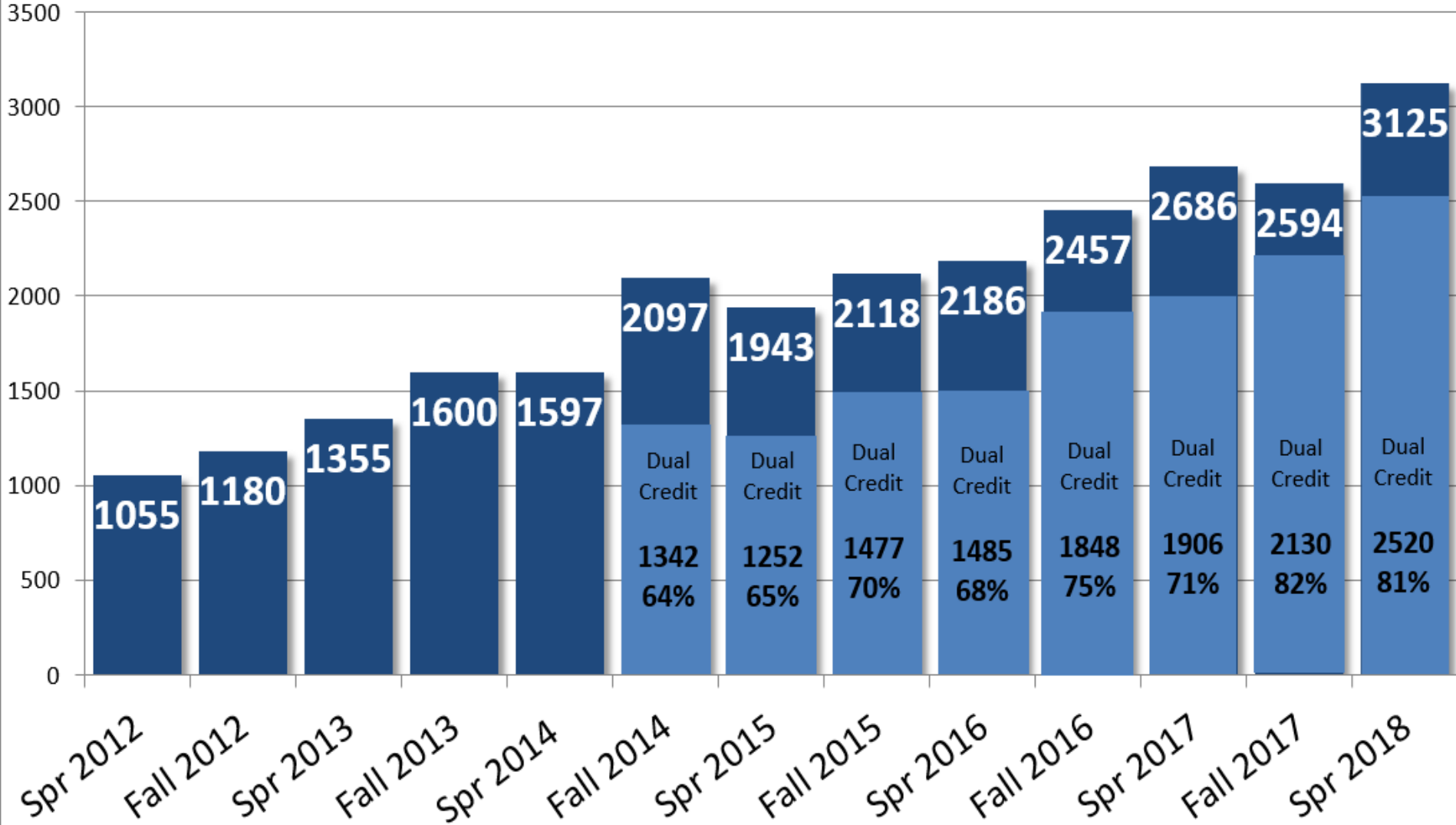
- Enrollment topped 5000 students for the first time in the 2016-17 academic year and will likely approach 6000 students this academic year.
- We are growing about 20% annually on average, 3x the last reported national growth rate (~7%).
- Approximately 15-25% of eligible MT students engage in dual enrollment.
  - Iowa 55%, Indiana 50%, Utah 33-50%, Idaho 28%, Washington 47%

# Increasing Access and Addressing Affordability is Driving Growth:

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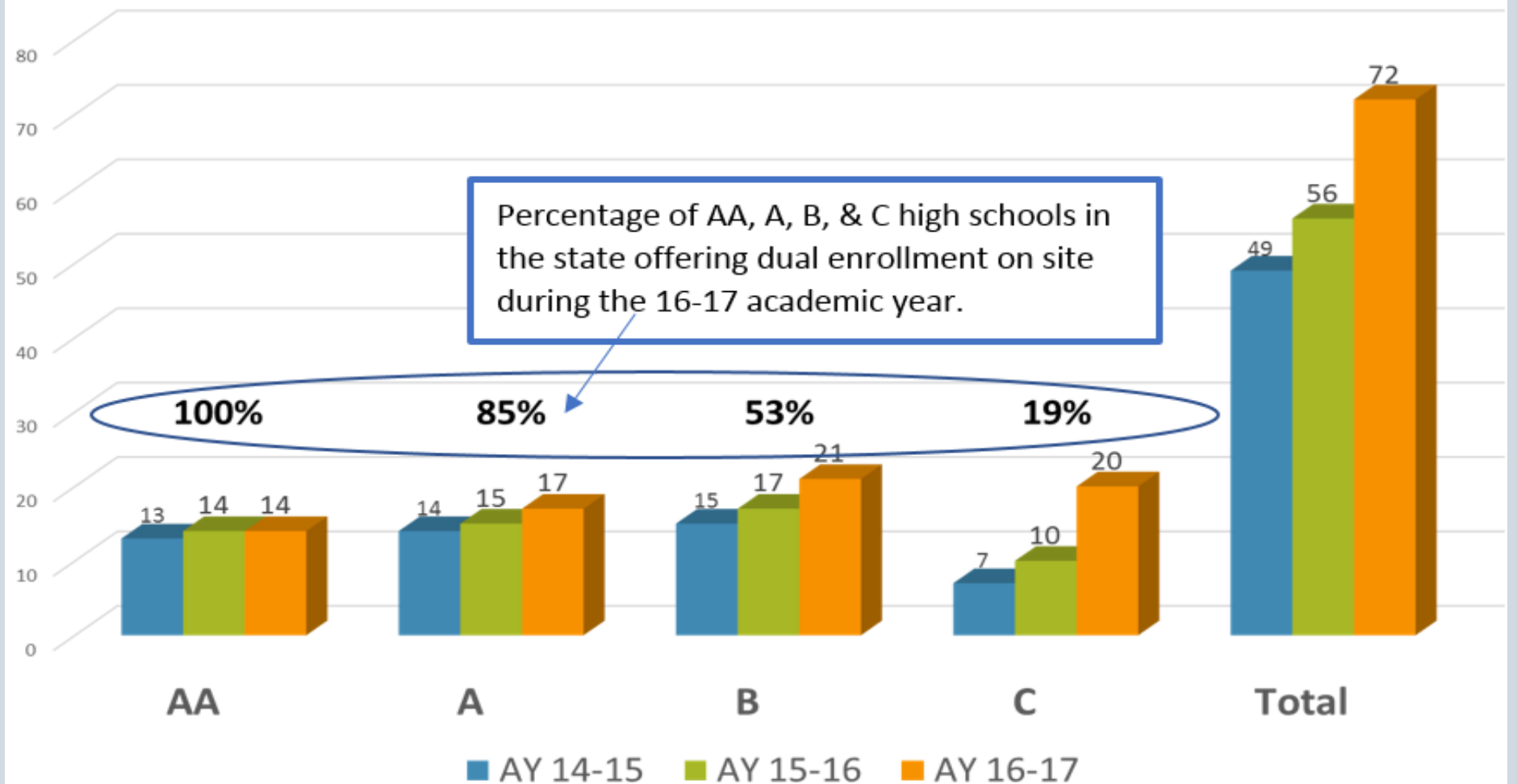
- Growing access
- Increasing the number of qualified teachers
- Expanding options through CTE dual enrollment
- Addressing affordability

Unduplicated count of high school students enrolled in at least one college course



## Concurrent Enrollment Expansion and Availability by MHSA School Size

(AY 14-15 to AY 16-17)



*About 78% of MT students have access to Concurrent Enrollment in their high school.*



# Unequal Growth

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## NICE WORK!

Since 2014, the number of schools offering concurrent enrollment has **grown 47%**, there **are more than 100 new concurrent enrollment teachers**, and the number of small schools (Class C) offering these courses has **more than doubled**.

## REMAINING WORK!

Only ~20% of Class C schools and just 53% of Class B schools offer concurrent enrollment.

Work funded by Perkins Reserve funds and Title IIA is helping increase access for small and rural schools.

# Teacher Pipeline: Free/Low Cost Grad Credit

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## Training Teachers via Title II-A\* Funds:

- Utilized to grow the pool of qualified dual enrollment instructors by increasing the availability of free/low cost online and summer face-to-face graduate credits for current and aspiring DE instructors.

Four campuses (UM, Tech, MSU, MSUB) received awards to prepare teachers to offer concurrent enrollment via graduate courses at low/no cost to teachers.

- **Advanced Visual Arts**
- **Creative and Expository Writing**
- **Advanced Political Science**
- **Introduction to Teaching and Learning**
- **Nine different online math courses**

Initial information indicates a strong potential impact on Montana's concurrent enrollment program. We will evaluate which actually schools added concurrent enrollment courses at the end of the 2017-18 academic year.

\*NCLB-Preparing, Training, and Recruiting Highly Qualified Teachers

**TABLE 1: Title Ila Participating Schools\***

<b>Class AA</b>	<b>Class A</b>	<b>Class B</b>	<b>Class C</b>
Skyview High School	Sidney	Anaconda	Opheim
Billings Senior	Havre	Ronan	Saco
Great Falls High School	Hardin High School	Corvallis	Savage
Sentinel High School	Stevensville	Columbus	Big Sandy
Capital High School	Belgrade High School		Lambert
Billings West	Laurel		Lima High School
			Charlo high school
			Lavina Public School
			Highwood Public School
			Heart Butte
			Park City
			Chinook
<b>6 class AA schools</b>	<b>6 class A schools</b>	<b>4 class B schools</b>	<b>12 class C schools</b>

28 participants

# Teacher Pipeline

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## Supporting CTE Educators via Rural Reserve Funds

- The Perkins Rural Reserve grants assist campuses in increasing high quality CTE education statewide by allowing funds to be utilized for developing skill-building, technical trainings for teachers.

Teacher professional development covers a wide range of subject areas:

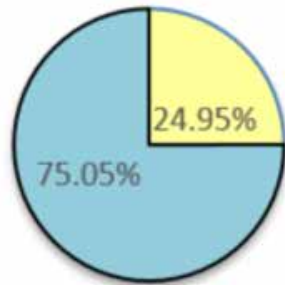
- Advanced manufacturing, welding/fabrication, culinary, automotive, construction, agriculture, education/early childhood ed., health sciences, IT/computing, and technical math and writing.

# Expanding Options via CTE Courses

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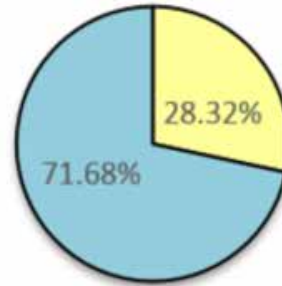
- In addition to increasing the number of students taking all dual enrollment courses (+28% since AY 2015), the proportion of those enrollments CTE-Career & Technical Education-courses has grown **steadily from 25% to 32% over the past three academic years.**
- Between AY 2014-15 and 2016-17 the number of sections of CTE dual credit courses offered in high schools nearly doubled (from 109 sections to 215, last academic year).
- Importantly, areas of CTE course expansion are **aligned with workforce needs** in many areas and include health care, manufacturing, IT/computing, and business.

CTE vs. GenEd Enrollment in the MUS 2014-2015  
Total Enrollment 4013



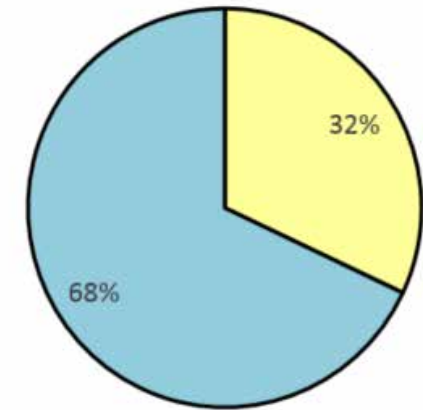
■ 2014-15 CTE Enrollment  
■ 2014-15 GenEd Enrollment

CTE vs. GenEd Enrollment in the MUS 2015-2016  
Total Enrollment 4304



■ 2015-16 CTE Enrollment  
■ 2015-16 GenEd Enrollment

CTE vs. GenEd Enrollment in the MUS 2016-2017  
Total Enrollment 5143



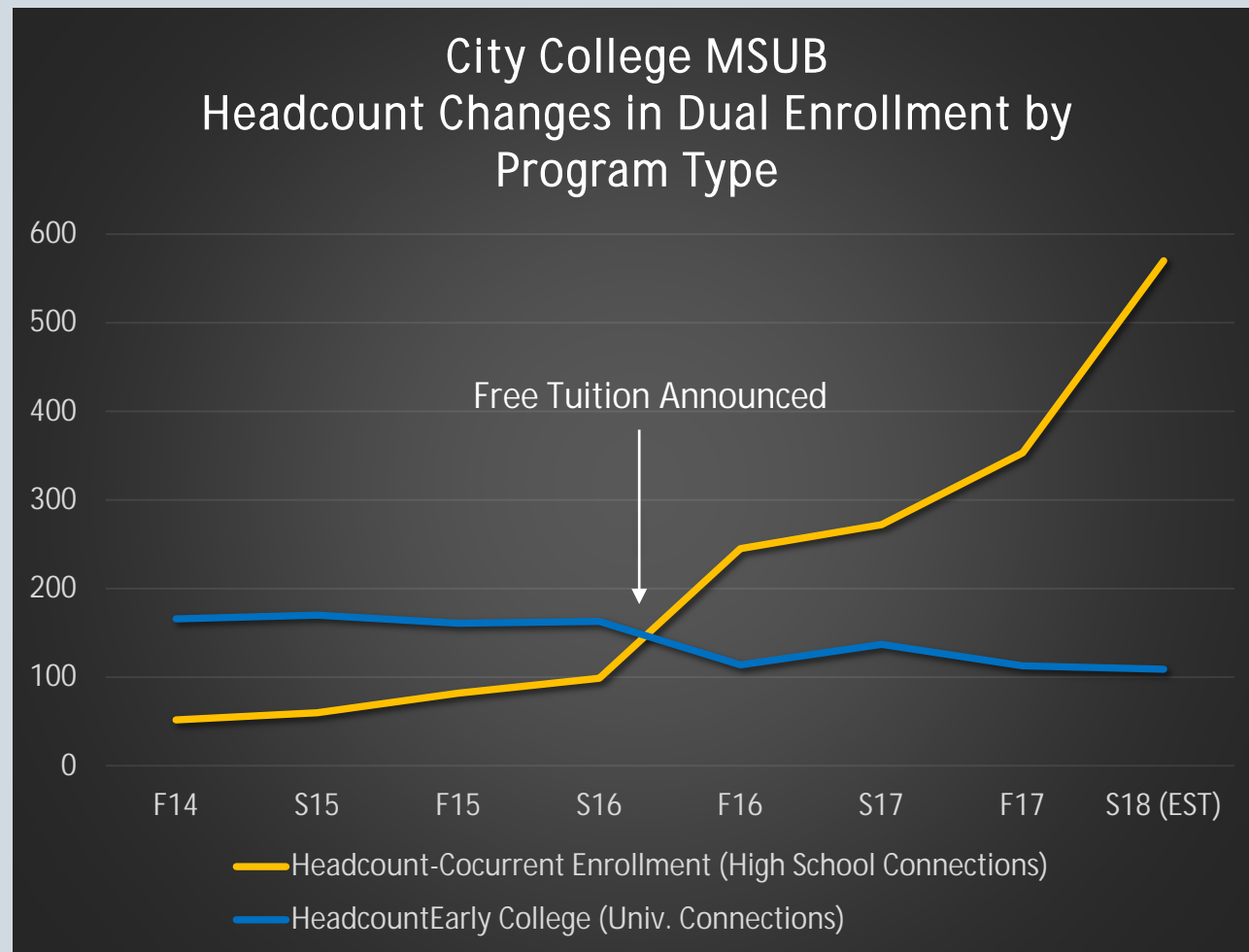
■ 2016-17 CTE Enrollment ■ 2016-17 GenEd Enrollment

# Affordability

## City College-MSU Billings

**Free Tuition:** Students taking concurrent enrollment (dual enrollment courses on-site at their high school) through City College MSUB have their tuition waived.

- Partner schools: SD2 (West, Senior, Skyview, Career Center), Billings Central, Columbus, Hardin, and Laurel.
- One year pilot, extended at least one additional year.



## Miles Community College

**Free Tuition:** A three year pilot allows Custer Co. and Sidney high school students to take concurrent enrollment courses offered on-site at their high school tuition free.

## Flathead Valley Community College

**First Six Credits Free:** Long-standing policy for FVCC Running Start students in Lake and Flathead Counties.

## Dawson Community College

**Free Tuition:** CE tuition will be waived in partner schools.

## MSUN and Western

**Set Tuition:** Both campuses set dual enrollment tuition at \$50/credit to mitigate the impact of recent tuition increases.