

To: HHS Students Enrolled in Honors Pre-Calculus for the 2015-2016 School Year

Re: Optional Dual Credit for HHS Honors Pre-Calculus

From: HHS Counseling Office

Helena High School will be offering Honors Pre-Calculus for dual credit next year. Dual credit allows our students 16 or older (by January 2016) to earn both Helena High credit and college credit from Helena College.

Helena College course catalog describes the course as:

M151 Pre-Calculus, Credits: 4

Prerequisites: A "C-" or higher in M121 or satisfactory score on placement test

This course is primarily for students who intend to take calculus. Topics include problem solving with two and three dimensional geometry, rational functions, exponential functions, logarithmic functions, trigonometric functions, law of sines, law of cosines, trigonometric identities and equations, vectors and polar coordinates, extended use of magnitude, circles, ellipses, hyperbolas, and sequences and series.

The class will be taught at Helena High with no additional textbook fees. Dual credit cost (4 college credits) will be approximately \$200. Registration materials will be provided by HHS Honors Pre-Calculus teachers in the fall. The Montana University system has an articulated agreement that allows our students to transfer these credits to any college within the system: <http://mus.edu/Transfer/GenEd.asp>

All students wishing to enroll in college credit must meet the following three requirements:

1. Summer Geometry

In order for the curriculum of HHS Honors Pre-Calculus to meet dual credit requirements, there are some geometry topics that must be addressed. (Our students typically take Geometry sophomore year.) Students must check out a text book, *Geometry: Fundamental Concepts and Applications*, Alan Bass, and complete the list of assignments below over the summer. Text can be checked out from Betsy Allen at the HHS Main Office beginning June 15th. Assignments are due to HHS Honors Pre-Calculus teacher by Sept 4, 2015.

Assignments for Pre-Calculus dual credit from the Geometry book by Alan Bass:

Section 3: 1-67 odds

Section 4: 1-45 odds

Section 5: 1-53 odds

Section 6: 1-53 odds

Section 7: 1-61 odds

Section 8: 1-67 odds

Section 9: 1-57 odds

2. Geometry Fall Test

Proof of mastery on a Geometry test administered at HHS, scheduled no later than Sept. 4th, 2015.

3. Math competence score

ACT math score of 25, an SAT math score of 570, or a "satisfactory" score on the COMPASS Test. The COMPASS test is administered at Helena College—details to follow in the fall.

Additional Dual Credit Information: http://www.umhelena.edu/admissions_enrollment/highschool.aspx

For more information call Betsy Allen at 324-2207.