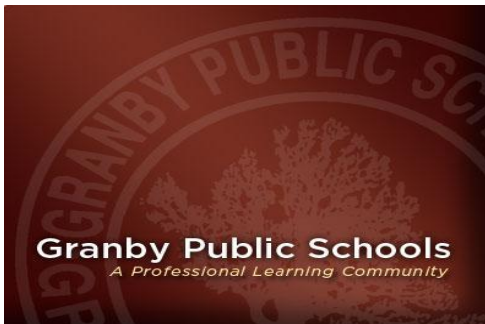


Course Proposal Requests are to be communicated with and between:

Department/CAS Leader

- Principal
- Director of Curriculum
- Curriculum Committee
- Director of Curriculum/BOE Curriculum Sub Committee



Granby Public Schools Course Proposal Request

To be completed for recommendation of:

New course

Revision of a course (not offered for 2 or more years, change in credit, level, alignment to standards, etc.)

Course elimination

Course level change

Impact on Graduation Requirements

Date Submitted:10/07/22

Teacher: Nevins/Olsen

Department/School:GMHS Math

Course Information:

- Course title: Applied Geometry
- Grade(s) and level (AP, honors, academic): Academic
- Number of credits: 1
- Prerequisites: Applied Algebra 1

Background/Course History:

Current graduation requirements include 4 math credits. This course is a continuation of Applied Algebra 1; the curriculum will combine quadratic functions and equations with Geometry standards that incorporate algebra skills. It is designed for students who would benefit from a course which is taught at a slower pace and uses an integrated approach to include other concepts from Geometry, as well as Problem Solving and Data Analysis.

Rationale for recommendation: (Vision, mission, standards, enrollment)

The CT SAT includes concepts from the four main Domains (Heart of Algebra, Problem Solving and Data Analysis, Passport to Advanced Math, and Additional Topics in Math). Geometry standards are included in the small subset of Additional Topics in Math. We believe that algebra skills are the foundation for success in Geometry and Algebra 2, and hence the SAT, so we are combining the learning of both in this course. This course will be co-taught by a math and special education teacher. Successful completion of this course positions these students for greater math opportunities as upperclassmen.

Curriculum: (Alignment to Standards (common core expectations), integration of other content area standards, performance assessment, rubrics)

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This course would align with standards from Common Core and help students to see the connections between math concepts from various SAT Domains. This is [DRAFT](#) of the curriculum units to be taught in Applied Geometry.

How will the content of this course be delivered?

This course would be co-taught by a certified high school math teacher and a teacher from the Special Education Department. Students may also receive additional math support via Math Intervention.

Timelines for consideration (significant dates/deadlines/professional development/curriculum writing):

Write curriculum for this course - summer 2023

Budget Implications (textbooks, supplemental resources, staffing, scheduling, professional development training, and curriculum writing):

This column to be checked by Director of Curriculum	Budget Need Area:	Yes/No: Complete for each area listed	Amount Needed	Purpose – WHY??
Add to new text budget	Textbook	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Building based	Workbook	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Building Based	Staffing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	reallocation	Co-taught class with math teacher and SPED teacher - reallocate Math Study Skills 10 to Co-taught
Add to PD budget	Professional Development	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	\$8000 (in SPED budget)	Teacher training
Add to Curriculum Budget	Curriculum Writing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Write curriculum 30 hours (4 people)
	Other :	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other:

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FOR OFFICE USE ONLY:

Date BOE sub-committee reviewed: _____

Action: ___Approved ___Not Approved