

Communication Checklist:

- Department/CAS Leader
- Principal
- Assistant Superintendent
- Curriculum Committee
- Assistant Superintendent/BOE Curriculum Sub Committee



Granby Public Schools Change in Program of Study

Purpose of Proposal:

- 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: 10/9/20 Teacher: Paton Department/School: Science/GMHS

Course Information:

Course Title: Natural Disasters

Grade(s) and level (AP, honors, academic): Grades 10-12, Academic

Number of credits: 0.5 credit

Prerequisites: Science and Society

Background/Course History:

This course will focus on examining the causes, effects, and options available to mitigate natural disasters, such as earthquakes, volcanic eruptions, tsunami, landslides, wildfires, subsidence, flooding, severe weather, and meteorite impacts. Students will apply science and engineering practices to explore solutions that may help to reduce environmental effects. They will see how natural events become disasters when they impact people, and how engineers help to make people safe from them.

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

This highly relevant course will be interdisciplinary, relating the science and engineering components to the human impacts of natural disasters. It will touch on the intersectionality of science and issues of equity and implications for public policy.

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

This course will address Next Generation Science Standards (NGSS) crosscutting concepts (CCs) and science and engineering practices (SEPs). It will be the only course offered by the GMHS science department with an explicit connection to the engineering practices outlined by the NGSS.

How will the content of this course be delivered?

Content delivery will include, but is not limited to:
 Debates
 Discussion
 Case studies
 Hands-on components - engineering exercises

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

Curriculum writing during summer 2021

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

This column to be checked by Assistant Superintendent	Budget Need Area	Yes/No: Complete for each area listed	Amount Needed	Purpose-Why??
	Curriculum Writing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3 teachers x 20 hours @ \$35.92/hr = \$2155.20	
	Textbook	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	~\$4000.00 (which includes 24 textbooks and S&H)	
	Instructional Supplies	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	\$500.00	
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		

Other:

FOR OFFICE USE ONLY:

Date BOE sub-committee reviewed: _____

Action: _____ **Approved** _____ **Not Approved**