

Coop 120...'MakerSpace'



http://mvhs.nbed.nb.ca/other/mvhs-make

http://stemnorth.nbed.nb.ca/

https://twitter.com/MVHS_ROV

Rules & Procedures...

- Bell schedule (3 lates = 1 day unexcused)
- Fire drill
- "Code black"
- Lab rules and procedures...
 - #1 rule: COMMON SENSE!!!
 - Be prepared: memory stick & needed equipment.
 - Be respectful: property, peers & learning
 - School rules:
 - * smartphones is a TOOL for learning in here.
 - * MP3 players (teacher discretion).
 - * hallway pass for travel during classtime
 - * no hats or hoods.
- Course change sheet

BELL SCHEDULE

Warning Bell 8:25 8:30 - 9:30 Period 1 / Homeroom 9:35 - 10:35 Period 2 10:40 - 11:45 Period 3/Announcements 11:45 - 12:40 Lunch 12:40 - 1:40 Period 4 1:45 - 2:15 **Independent Study/Math Help**

2:20 - 3:20 Period 6

INDEPENDENT STUDY:

Monday - Period 1

Tuesday - Period 2

Wednesday - Period 3

Thursday - Period 4

Friday - Period 5



Coop 120 Course Outline - Winter 2016.pdf



CO-OP 120 'MVHS MAKERSPACE' WINTER 2016



TEACHER: A. Hallihan

COURSE DESCRIPTION:

MVHS MakerSpace explores STEAM projects that involve Science, Technology, Engineering, Arts and Mathematics. This course will enable students to undertake creative, innovative and entrepreneurial projects in the classroom. Students will explore a variety of technologies while designing and engineering their own project. Mentors will be established to help develop these projects as well as instruction on the basics.

The course is designed to apply the 4 C's...Creativity, Critical Thinking & Problem Solving, Collaboration, and Communication. These skills are beneficial in any workplace and are essential for life-long learning. The goal of the course is to improve these skills so they can be used in any of your future endeavours.

MVHS MAKERSPACE

Workstation Posters

WORKSTATIONS...

3D PRINTING
MICROCONTROLLERS
ROBOTICS

3D SCANNING EMBROIDERY TREBUCHET MECHANICS UNDERWATER ROBOTICS
VINYL CUTTING
VIRTUAL REALITY

MAKE ELECTRONICS VIDEOGRAPHY IBEACON APP

TECHNOLOGIES...

PRINTRBOT
STRUCTURE SENSOR
SOLDERING
RASPBERRY PI
SINGER FUTURA
GOPRO HERO 3

DIITO PRO
OPENROV
SPARKFUN
ADAFRUIT WEARABLES
ROLAND VINYL CUTTER
OCULUS RIFT DEV. 2

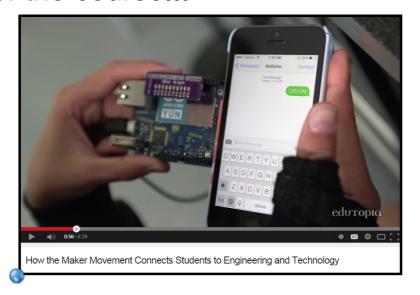
MATE
MAKEY MAKEY
REDBOTS
SILOUETTE CAMEO
POCKET OPERATORS

KINECT
MAKE KITS
ARDUINO
HUMMINGBIRD
IPAD MINI
PARROT DRONE

What is MAKE? What is a MakerSpace?



Goals of the course...





MakerSpace Highlights.mp4

Workstation Posters.docx

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