

## Energy – Renewable Energy

This program will help students discover and understand opportunities and requirements in the rapidly changing world of renewable energy technologies. This is a sector that will require many skilled workers at a variety of levels in the immediate future. Students in this Energy SHSM will gain knowledge in the areas of renewable energy systems as well as the most efficient use of energy in our future. Participants will be aware of the environmental costs and benefits associated with energy production. Experiential learning opportunities with real-world application will be provided for participants through our connections with the local energy community including "green" entrepreneurship.

### Certifications Offered:

Workplace Hazardous Materials Information Systems (WHMIS)  
 Standard First Aid  
 CPR, Level A  
 Fall Protection  
 Customer Service  
 Elevated Work Platforms  
 Energy Efficiency Training

### Course Selection Chart (Please see guidance for course planning)

	Grade 11	Grade 12
<b>SHSM Major Subjects</b> (2 each year)	SVN 3E SVN 3M SPH 3U TCJ 3C TCJ 3E	CGR 4M    SES 4U TCJ 4E    SNC 4E SCH 4C    SCH 4U SPH 4U
<b>English</b> (1 credit)		ENG 4E ENG 4C ENG 4U
<b>Grade 11 Math</b> (1 credit)	MCF 3M    MCR 3U MBF 3C MEL 3E	
<b>Gr 11 or 12 Science or Canada World Studies</b> (1 credit)	CGG 3O CLU 3E	CGR 4M CGW 4U SPH 4C
<b>Coop</b>	2 credit coop tied to SHSM Sector	2 credit coop tied to SHSM Sector