**THOMAS A. STEWART**

**SECONDARY SCHOOL**

**Specialist High Skills Major**

The Specialist High Skills Major (SHSM) is a unique career-focused program option for students. This specialized program allows students to focus their learning on a particular economic sector while meeting the requirements for the Ontario Secondary School Diploma. It also assists in their transition from secondary school to apprenticeship, college, university, or the workplace. Every SHSM includes:

1. sector-recognized certifications and training courses;
2. a bundle of Grade 11 and 12 credits;
3. experiential learning activities within the sector;
4. "reach ahead" experiences; and,
5. development of key essential skills and work habits required in the sector.

**Specialist High Skills Major in Environment**

The SHSM in Environment is a unique program that enables students to build a foundation of sector-focused knowledge and skills before graduating and entering apprenticeship training, college, university, or an entry-level position in the workplace.

The specific components of this program are as follows:

**The SHSM in Environment requires students to complete 7 sector-recognized certifications and / or training courses.**

**Four Compulsory:**

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|  |
| Cardiopulmonary Resuscitation (CPR) Level C – includes automated external defibrillation (AED) | compass/map global positioning system (GPS) | Standard First Aid | Workplace Hazardous Materials Information System (WHMIS) – generic (i.e., not site-specific) instruction |

**Three Electives:**

Opportunities will be provided for students to complete certifications from the following chart:

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|  |
| animal and plant management | Below Zero | chainsaw safety | customer service |
| geographic information system (GIS) | habitat restoration | Hike Ontario | introduction to stream assessment protocol |
| knot techniques | leadership skills | Leave No Trace | life-saving (Bronze Cross) |
| Ontario Hunter Education | paddling techniques | Pleasure Craft Operator | Project Wild |
| radio operator | search and rescue | species identification (e.g., fish, birds, plants, trees, small mammals) | water/ice safety |
| watershed management | wilderness first aid | wilderness survival | Working at Heights |

**There are 9 required credits:**

|  |  |  |
| --- | --- | --- |
|  | **Grade 11** | **Grade 12** |
| **SHSM Environment Major Subjects****(4 in total; at least one from Grade 11 and one from Grade 12)** | BAF3MBTA30CGF3MCHW3MCLU3MNBV3CNBV3EPAD30PAF30PPL30PPZ3CTCJ3C | TCJ3ETGJ3MTHH3ETMJ3CTMJ3ETTJ3CTTJ30SBI3CSBI3USVN3ESCH3USPH3U | BAT4MBBB4MPAF40PPL40SBI4USCH4CSCH4USPH4CSPH4USNC4MTCJ4CTCJ4E | TFJ4CTHH4ETMJ4CTMJ4ETTJ4CTTJ4ETGJ4MCLN4UCGW4UPSK4UHFA4UHSB4U |
| **English****(2 credits)****Mathematics****(1 credit)** | ENG3CENG3EENG3UMBF3CMCR3U | OLC 30MEL3EMCF3M | ENG4CENG4EENG4UMAP4CMHF4UMCV4U | MCT4CMDM4U |
| **Co-Op (2 credits)** | 2 credits of Co-Op tied to SHSM Sector |