**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:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
| 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:

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
| 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)** | BAF3M  BTA30  CGF3M  CHW3M  CLU3M  NBV3C  NBV3E  PAD30  PAF30  PPL30  PPZ3C  TCJ3C | TCJ3E  TGJ3M  THH3E  TMJ3C  TMJ3E  TTJ3C  TTJ30  SBI3C  SBI3U  SVN3E  SCH3U  SPH3U | BAT4M  BBB4M  PAF40  PPL40  SBI4U  SCH4C  SCH4U  SPH4C  SPH4U  SNC4M  TCJ4C  TCJ4E | TFJ4C  THH4E  TMJ4C  TMJ4E  TTJ4C  TTJ4E  TGJ4M  CLN4U  CGW4U  PSK4U  HFA4U  HSB4U |
| **English**  **(2 credits)**  **Mathematics**  **(1 credit)** | ENG3C  ENG3E  ENG3U  MBF3C  MCR3U | OLC 30  MEL3E  MCF3M | ENG4C  ENG4E  ENG4U  MAP4C  MHF4U  MCV4U | MCT4C  MDM4U |
| **Co-Op (2 credits)** | 2 credits of Co-Op tied to SHSM Sector | | | |