

A STUDENT SUCCESS
INITIATIVE

SHSM @ MAC

The **Specialist High Skills Major (SHSM)** program in the **Environment** gives students an opportunity to specialize, gain qualifications, and plan a career pathway in various areas of the Environmental sector while still in high school. The SHSM Program has a number of required components, designed to give students a "leg-up" to pursue post-secondary opportunities in an Apprenticeship, College, University or Work placement.

BARK LAKE RETREAT 2010



Macdonald SHSM students at Bark Lake Leadership Centre.

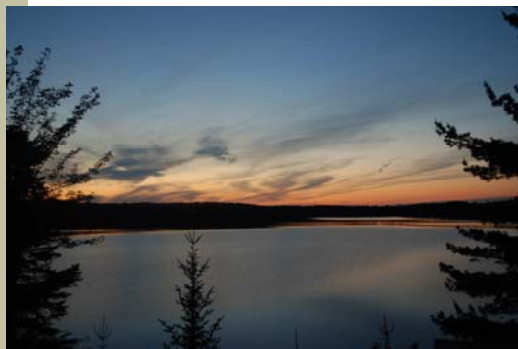


A Macdonald SHSM student on the high ropes course.



Above: Bark Lake Leadership Centre.

Below: Sunset at Bark Lake.



SIR JOHN A. MACDONALD C.I.I.

**SPECIALIST HIGH SKILLS
MAJOR: ENVIRONMENT**

DON'T MISS OUT...APPLY NOW!

Starting February 2011

APPLY ON-LINE

www.myBlueprint.ca

**For more information please
see your guidance counsellor.**

How does it work?

In order to complete a SHSM in the Environment, students:

1. complete a package of 9 specific courses including Contextualized Learning Activities in English and Math * (see chart below);
2. complete seven Industry Certifications (see chart below);
3. obtain job experience (e.g. co-op work experience, job shadowing, job twinning);
4. document the development of industry essential skills using the Ontario Skills Passport;
5. gain "Reach Ahead Experience" (ex. visiting a post-secondary institution).



Macdonald SHSM students earn their Paddling Skills Certification.

Macdonald SHSM students can choose from among the following courses:

Grade 11	Grade 12
Choose two major credits: <input type="checkbox"/> PPL3O <input type="checkbox"/> SBI3C <input type="checkbox"/> PAD3O <input type="checkbox"/> SBI3U <input type="checkbox"/> CGG3O <input type="checkbox"/> SCH3U <input type="checkbox"/> CGF3M <input type="checkbox"/> SNV3M <input type="checkbox"/> CGT3E	Choose two major credits: <input type="checkbox"/> PPL4O <input type="checkbox"/> CGR4E <input type="checkbox"/> PLF4C <input type="checkbox"/> SNC4E <input type="checkbox"/> CGO4M <input type="checkbox"/> SBI4U <input type="checkbox"/> CGW4U <input type="checkbox"/> SCH4C <input type="checkbox"/> CGR4M <input type="checkbox"/> SCH4CU
Choose one credit in English (*Includes CLA): <input type="checkbox"/> ENG3C <input type="checkbox"/> ENG3E <input type="checkbox"/> ENG3U Choose one credit in Math (*Includes CLA): <input type="checkbox"/> MBF3C <input type="checkbox"/> MCF3M <input type="checkbox"/> MCR3U <input type="checkbox"/> MEL3E	Choose one credit in English: <input type="checkbox"/> ENG4C <input type="checkbox"/> ENG4E <input type="checkbox"/> ENG4U
CO-OP <input type="checkbox"/> Complete two credits total	

Co-op

To complete the SHSM students must earn two co-op credits with an environmental connection. Currently, Macdonald does not offer two-credit co-op, so students must either enrol in our four-credit co-op program. Another option would be to enrol in programs outside of Macdonald. We cannot guarantee that you will be admitted to such programs.

We are currently exploring options to expand the co-op programming opportunities for our students.

Certifications

SHSM students are required to complete seven certifications.

The four compulsory Industry Certifications include:

- Cardiopulmonary Resuscitation (CPR)
- Global Positioning System (GPS)
- First Aid
- Workplace Hazardous Materials Information System (WHMIS)

The SHSM team will arrange for students to complete three of the following Environment-specific certifications:

- Hike Ontario
- Leave No Trace
- Project Wild
- Geographic Information System
- Leadership
- Life Saving
- Paddling Techniques