



Common Course Calendar

2021-2022

Algoma District School Board

Confident learners,
caring *citizens*.



Algoma District School Board

Education Centre

644 Albert Street East
Sault Ste. Marie, ON P6A 2K7
www.adsb.on.ca
Phone 705.945.7111
Fax 705.942.2540



The Algoma District School Board is committed to ensuring that we have a program for every student. Our goal is to ensure that students who enter our schools graduate, ***confident learners and caring citizens*** ... graduates who know that learning is a life-long journey and who are ready to contribute to our communities and to the world.

Our schools provide a welcoming, safe environment with an intentional focus on the well-being of each student. We are proud of the programs and specialized focus areas that our secondary schools offer, as these varied programs allow students to choose courses and pathways that meet their needs and interests, while preparing them to become contributing citizens.

We continue to be most grateful to our parents and to our community partners who continue to collaborate with us and to support us, to ensure our students enjoy an excellent education system, high levels of academic achievement and support for their personal well-being.

We are proud to be part of Ontario's Public Education system, as it recognizes that education is the foundation of social and economic development, that every student is an investment in themselves and in the future. We are privileged in knowing that we don't just deliver diplomas ... we deliver better lives and better

Helpful Links:

Students can visit: www.edu.gov.on.ca/eng/students/ for more information in planning for course selection.

Parents can visit: www.edu.gov.on.ca/eng/parents/

EQAO preparation materials for the Grade 9 Assessment of Mathematics and the Ontario Secondary School Literacy Test can be found at: www.eqao.com

Mathify for Grades 7-10 Math - Students can get help with their math homework <https://www.tvomathify.com/students>

Ontario Education Resource Bank - Students can find helpful resources - <http://resources.elearningontario.ca>

Students can complete their Individual Pathway Plan (IPP), plan course selection and explore post-secondary options using **my Blueprint** - www.myblueprint.ca/algoma

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Introduction

This course calendar contains general information about the Algoma District School Board's secondary schools, programs and services.

School option sheets outline what courses are offered at each school. Students should note that course offerings are subject to enrolment. Specialized program outlines are described in the "ADSB Special Programs and School Pages" section starting on page 12. Additional details may be obtained from each school.

The selection of courses and programs in secondary schools depends on a partnership among students, parents, and the school. This course calendar will assist students and parents in making those important course and program selections. It is important to emphasize, however, that the course calendar is not the only source of information. The schools' teachers, Guidance Counsellors and administrators can provide valuable assistance in all matters related to course selection, program and career planning. Students and parents are encouraged to seek advice and assistance from those professionals.

Details on the Ontario Secondary School Diploma requirements can be found in "Ontario Schools Policy and Program Requirements Kindergarten to Grade 12 Policy and Program Requirements 2011", accessible at the Ministry website: www.edu.gov.on.ca

Overall Goals and Philosophy

The Ontario secondary school program is designed to equip students with the knowledge and skills they will need to lead satisfying and productive lives in the twenty-first century. The program will help prepare students for further education and work, and assist them to become independent, productive, and responsible members of society.

The schools within the Algoma District School Board offer an education program that promotes a high standard of achievement, provides all students with learning opportunities and support, and is relevant to society's needs and expectations. Courses are offered in ways intended to ensure that education is relevant, both to students' needs and interests, and to postsecondary institutions' and employers' requirements.

In Grades 9 and 10, courses strongly promote the acquisition of essential knowledge and skills by all students. Students are encouraged to focus on their areas of strength and interest and to explore various areas of study. In Grades 11 and 12, the program is designed to allow all students to choose courses that are clearly and directly linked to their intended post-secondary destinations.

Safe Schools Policy

Schools should be places that promote responsibility, respect, civility, and academic excellence in a safe learning and teaching environment. A positive school climate exists when all members of the school community feel safe, welcome, comfortable, and accepted. ADSB has developed four policies that correspond to Bill 212: *Board Code of Conduct for Safe Schools Policy, Progressive Discipline Policy, Bullying Prevention and Intervention Policy and Electronic Devices Policy*. These policies are posted on www.adsb.on.ca.



About the Algoma District School Board

The Algoma District School Board consists of 10 secondary schools with an enrolment of approximately 5,000 students. The Algoma District School Board serves a geographic area of 70,534 square kilometers and encompasses communities along the north shore of Lake Huron, from Serpent River to Sault Ste. Marie, including Spanish, Elliot Lake, Blind River, Iron Bridge and the communities of Central Algoma with Bruce Mines, Desbarats, St. Joseph Island, Laird and Echo Bay, and along the east coast of Lake Superior, from Sault Ste. Marie to Hornepayne, which includes Wawa, Chapleau, Missanabie and White River.

Learners in the Algoma District School Board engage in innovative experiences that maximize achievement, build confidence and develop caring citizens.

ADSB schools provide a welcoming environment with a focus on the well being of each student. Each student is encouraged to reach their potential through quality programs delivered by highly trained, caring staff, in an atmosphere of respect for all. ADSB believes that communication and working in partnership with the home and community are the keys to success.

Transportation

If a course is not offered at a particular school, there MAY be a possibility that the Board will provide transportation to take the course at another school. Please consult your Guidance Department.





Secondary School Directory and Alternative Programming

Central Algoma Secondary School

32 Kensington Road
Desbarats, ON P0R 1E0
Phone: 705-782-6263 Fax: 705-782-4288
Website www.adsb.on.ca/sites/schools/CAS

Chapleau Secondary School

Box 880
20 Teak St.
Chapleau, ON P0M 1K0
Phone: 705-864-1452 Fax: 705-864-2367

Elliot Lake Secondary School

303 Mississauga Avenue
Elliot Lake, ON P5A 1E8
Phone: 705-848-7162 Fax: 705-848-0103
Website: www.adsb.on.ca/sites/schools/els

Hornepayne High School

Box 705
162 Fourth Ave.
Hornepayne, ON P0M 1Z0
Phone: 807-868-2476 Fax: 807-868-2126

Korah C. & V.S.

636 Goulais Ave.
Sault Ste. Marie, ON P6C 5A7
Phone: 705-945-7180 Fax: 705-945-0750
Website <http://www.korahcvs.com/>

Michipicoten High School

Box 560, 86 Magpie Road
Wawa, ON P0S 1K0
Phone: 705-856-4464 Fax: 705-856-1948
Website www.mhsvikings.ca

Superior Heights C. & V.S.

750 North St.
Sault Ste. Marie, ON P6B 2C5
Phone: 705-945-7177 Fax: 705-945-8737
Website <http://SuperiorHeights.ADSB.ON.CA>

W.C. Eaket Secondary School

P.O. Box 2000, 147 Woodward Ave.
Blind River, ON P0R 1B0
Phone: 705-356-2221 Fax: 705-356-2596
Website www.adsb.on.ca/sites/schools/wce

White Pines C. & V.S.

1007 Trunk Rd.
Sault Ste. Marie, ON P6A 5K9
Phone: 705-945-7181 Fax: 705-945-0726
Website www.whitepinesschool.com

Adult Education Centre - Blind River

147 Woodward Ave. Blind River, ON P0R 1B0
Phone: 705-356-1949 Fax: 705-356-0024
Website: www.adsbadulted.com

Adult Learning Centre - Chapleau

P.O. Box 1109 34 Birch St.
Chapleau, ON P0M 1K0
Phone: 705-864-2323
Website www.adsbadulted.com

Adult Education Centre - Elliot Lake

303 Mississauga Ave, Elliot Lake, ON P5A 1E8
Phone: 705-848-1088 Fax: 705-848-5634
Website www.adsbadulted.com

Northland Adult Learning Centre

440 Northland Rd. 1st Floor Sault Ste. Marie, ON P6C 3N6
Phone 705-945-7109
Website www.adsbadulted.com

Sault Ste. Marie Adult Learning Centre

440 Northland Rd. 2nd Floor Sault Ste. Marie, ON P6C 3N6
Phone 705-945-7185 Fax 705-945-7195
Website www.adsbadulted.com

Adult Education Centre - Spanish

40 Garnier Rd. , Spanish, ON P0P 2A0
Phone: 705-844-1657
Website: www.adsbadulted.com

Adult Education Centre - Thessalon

135 Dawson Street, Thessalon, P0R 1L0,
Phone: 705-842-9191
Website www.adsbadulted.com

Algoma Education Connection

Prince Charles Alternative School:

550 Northern Ave. Sault Ste. Marie, ON P6B 4J4
Phone: 705-945-7194 Fax: 705.945.7173

School College Connection Program:

Sault College
Phone: 705-759-2554 ext 2855 Fax: 705-253-5758

Kina Awiiya Secondary Program:

241 Albert Street West Sault Ste. Marie, ON P6A 7B6
Phone: 705-945-0963 Fax: 705-945-7105



Character Education and the Code of Conduct

The Algoma District School Board promotes character education in each of our secondary schools.



Student Responsibilities, Achievement and Attendance

Students who fail courses or choose to withdraw from a course may jeopardize their attainment of an OSSD. Regular attendance and punctuality at school is critical for the student's learning and achievement of course expectations. Please refer to the school's handbook for specific details.

School's Code of Student Behaviour

A school is a place that promotes responsibility, respect, civility and academic excellence in a safe learning and teaching environment. All students, parents, teachers and staff have the right to be safe, and feel safe, in their school community. With this right comes the responsibility to be law-abiding citizens and to be accountable for actions that put at risk the safety of others or oneself. The Education Act sets clear provincial standards of behaviour. It specifies the mandatory consequences for students' actions that do not comply with these standards.

All members of the school community are to be treated with respect and dignity. Respect and responsibility are demonstrated when a student: comes to school prepared, on time and ready to learn; shows respect for themselves, for others and for those in authority; refrains from bringing anything to school that may compromise the safety of others; follows the established rules and takes responsibility for his or her own actions. Please refer to the school's handbook or agenda for specific details.



Course Selection and Evaluation

The following information applies to all courses offered in Algoma District School Board secondary schools:

- Students under the age of eighteen require parental approval for all decisions on course choices. Students who are eighteen years of age or older may accept responsibility for their own course choices.
- All courses offered in the Algoma District School Board, except for some Health and Physical Education courses and some gender-specific courses, are open to both males and females.
- Courses of study for each course offered in a school are maintained in the Main Office and are available for examination by parents/guardians upon request.
- The courses offered by the secondary schools of the Algoma District School Board have been developed according to the requirements of the Ontario Ministry of Education.
- A clear description of learning expectations is available to students prior to instruction on the Ministry website.

Course Transfer Information

Students should select courses appropriate to their abilities and career plans. If students are having difficulties, they may discuss a change of course with their Guidance Counselor. A change may be approved after consultation with parents/guardians if the following conditions are met:

- There is room in the class to which the student has requested a transfer.
- The change request fits the student's timetable.
- Not more than half the time scheduled for the course has passed for level-to-level transfers in the same course.
- The course requested is appropriate for the student's educational and career plans.

Specific school information about course transfers and changes can be found at the Guidance Office.

Evaluation of Student Achievement

Students will be evaluated in a variety of ways in order to give an accurate picture of what they have learned, and how they have progressed. 70% of a final grade is representative of term work, while 30% comes from final summative assessments conducted near the end of a course. Assessment and evaluation will be based on the achievement of the provincial curriculum expectations and on the achievement chart categories and levels.

An evaluation outline for each course in which a student is enrolled is provided at the beginning of the course. Copies of these are available to parents/guardians upon request.

Parents will be informed of their child's progress through a regular schedule of report cards. For Grades 9 to 12, a Provincial Report Card will be issued to provide information regarding academic progress and learning skills. Parents are encouraged to call their school for information or advice on the progress of their child at any time during the school year.



Parent/Teacher Interviews

Parent/teacher interviews are typically held after early identification reports and/or after midterm reports which are issued each semester. Additional interview times can be arranged by contacting the school.

Ontario Secondary School Records (OSR)

An Ontario School Record (OSR) is maintained for each student. This record is a basic element in the process of monitoring a student's progress through school. Once a student's progress and achievement have been measured and assessed, they are recorded in the OSR. Other data recorded are: date of birth, Social Insurance Number, Ministry of Education Number, and/or the Ontario Education Number, schools attended, names of parents/guardians.

A student and his/her parents may have access to the student's OSR. It is not available to other students, parents, or individuals. For more information, please call the school's Guidance Department.

Prior Learning Assessment and Recognition

Prior Learning Assessment and Recognition has a specific, limited function in the Ontario Secondary School Program. It will allow students to challenge and earn up to 4 credits, a maximum of 2 in a subject area, towards the secondary school diploma. This involves two components: "challenge" and "equivalency". Students may challenge a course and be granted credit if they can demonstrate the required skills and knowledge through formal tests and other assessment strategies. Determining equivalency involves the assessment of credentials from other jurisdictions. Contact your school's administration for additional information.

Programs in Music Taken outside the School

A student may be awarded a maximum of 2 credits for music programs taken outside the school through one or both of the following options:

Option One: For music programs completed outside the school, the principal of a secondary school may award a maximum of 2 university/college preparation credits (1 Grade 11 credit and 1 Grade 12 credit) towards the Ontario Secondary School Diploma. These credits may be awarded in addition to any other music credits earned in school through successful completion of Ontario curriculum courses. The course titles and course codes for these credits are as follows: "Music – External (Conservatory), AMX3M" and "Music – External (Conservatory), AMX4M". The credits will be awarded upon presentation of the official forms or certificates documenting the required achievement. These credits are optional credits; they may not be used to meet the compulsory credit requirement in the arts or the additional compulsory credit requirement for Group 2.

Option Two: Students may be awarded music credits (a maximum of 2 credits, in Grades 10 to 12) through the PLAR challenge process, as defined in section 7.2.5. Music credits granted through the PLAR process may be used to meet the compulsory credit requirement in the arts or the additional compulsory credit requirement for Group 2. They may also be used to satisfy the related course requirement for a cooperative education program.

For details, refer to "Ontario Schools Policy and Program Requirements Kindergarten to Grade 12 Policy and Program Requirements 2011", accessible at the Ministry website: www.edu.gov.on.ca.

Credit Recovery

Where possible and where recommended, students will be allowed to repeat only the material relating to the expectations not achieved. Please contact the school Principal or Guidance Office regarding credit recovery opportunities.



Ontario Student Transcript

The Ontario Student Transcript is a record of courses successfully completed. As students earn credits in Grade 9 – 12, their personal achievement for each course is recorded on this form as a percentage grade.

Transcripts for current students in day school programs are available through the Principals at each school. Upon graduation or retirement, a current and accurate copy of the student's Ontario Student Transcript must be stored in the OSR folder for internal school use. The record is maintained in case he/she ever needs an official report of marks, such as would be required by any college, university or employer. Marks will not be released by the school without the written permission of the student or of the parent/guardian if the student is under 18. Proof of identification and a nominal fee will be required to process requests.

The following procedures will be used upon withdrawal from a course and repetition of a course.

- **Withdrawal from a course**

Grades 9 and 10

Withdrawals from Grade 9 and 10 courses are not recorded on the Ontario Student Transcript. Only successfully completed courses are recorded on the Ontario Student Transcript.

Grades 11 and 12

If a student withdraws from a Grade 11 or 12 course within five instructional days following the issue of the first report card in a semestered or non-semestered school, the withdrawal is not recorded on the Ontario Student Transcript.

If a student withdraws from a course after five instructional days following the issue of the first report card in a semestered or non-semestered school, the withdrawal is recorded on the Ontario Student Transcript by entering a "W" in the "Credit" column. The student's percentage grade at the time of the withdrawal is recorded in the "Percentage Grade" column.

A student's parents or a student who is an adult (eighteen years of age or over) may request that the Principal identify Grade 11 and 12 courses in which the student's performance was affected by extraordinary circumstances by using a special indicator. If the Principal agrees with the student's or parents' claim, the special indicator "S" is entered in the "Note" column for these courses. However, the student's percentage grades are also recorded. The special indicator may also be used for courses from which the student has withdrawn because of extraordinary circumstances.

- **Repetition of a course**

Students who repeat a Grade 11 or 12 course that they have previously completed successfully, can earn only one credit for the course. However, each attempt and the percentage grade obtained is recorded on the Ontario Student Transcript, and an "R" is entered in the "Credit" column for the course(s) along with the lower percentage grade.



Special Education - Programs and Services

The Algoma District School Board provides a wide range of programs and services for students with special needs. It is the board's practice to focus on the needs of exceptional students and to create opportunities to develop their individual potential. A full description of ADSB Special Education programs and services, and our Parents' Guide to Special Education can be found at [Algoma District School Board's Special Education page](#) on our website. Further information may also be acquired by contacting the school's Principal or Guidance Department.

The Identification, Placement and Review Committee (IPRC)

The Ministry of Education requires that all school boards establish committees to identify exceptional pupils and to establish and review placements for them. These IPRC committees are present in each of our schools, and they:

- decide whether or not a student should be identified as exceptional;
- identify the areas of the student's exceptionality, according to the categories and definitions of exceptionalities provided by the Ministry of Education;
- decide an appropriate placement for the student;
- review the identification and placement at least once in each school year.*
**IPRC's will be held when a parent requests them, but will no longer be convened annually if both the school and the parent agrees that the student will remain placed in a regular classroom*

The Individual Education Plan (IEP)

An IEP is a written plan describing the special education program and/or services required by a particular student. Accommodations and/or modifications, which will assist the student in achieving his or her learning expectations, are clearly identified in the IEP. The IEP also helps teachers monitor the student's progress and provides a framework for communicating information about the student's progress to parents and to the student.

Accommodations and Modifications

Accommodations do not alter the provincial curriculum expectations for a course, but can include changes to a student's environment, instruction, and/or assessment. With the aid of accommodations, students are able to participate in the regular course curriculum and to demonstrate learning independently. The accommodations required to facilitate the student's learning must be identified in his or her IEP.

Modifications to course content and learning expectations may be required in certain circumstances. For most students, modified expectations will be based on the regular course curriculum, with changes in the number and/or complexity of the expectations. The student's IEP must document the extent to which expectations have been modified. The Principal will determine whether achievement of the modified expectations constitutes successful completion of the course, and will decide whether the student is eligible to receive a credit for the course.

The Special Education Advisory Committee is an advisory committee required under Regulation 464, under the Education Act. This committee advises the Board on issues related to Special Education and the Board's Special Education programs and services. Members include parents, community, and trustee representatives. Board staff act as a resource to the Committee.



Student Support Services, Resources and Special Programs

Guidance and Career Education Program

The Guidance and Career Education Program is a vital and integral part of the Secondary School Program. Through the program, students acquire the knowledge and skills they need in order to learn effectively; live and work cooperatively and productively with a wide range of people; establish and pursue educational and career goals; and carry out their social responsibilities.

Each secondary school has a Guidance Department, staffed by specially trained teachers and support staff, and equipped with resources and information materials related to careers and education opportunities. Students use an Individual Pathways Plan (IPP) to pursue pathway goals. These plans may involve experiential learning opportunities (cooperative education, OYAP, etc.) for all students including those with special needs.

Counselling

Students may request an academic counselling appointment through the Guidance office.

Student Success Teachers

Each ADSB secondary school has a Student Success Team and a Student Success Teacher who work in collaboration with school staff for students who require additional support.

Transition Programs

Each ADSB secondary school has a transition program designed to assist students with the transition from grade 8 to grade 9 and provide support to students in Grade 9. Contact the school Principal or Guidance Office for details.

Dual Credits

Grade 11 and 12 students have opportunities to participate in dual credits which provide them with an opportunity to earn both a college credit and a non-compulsory secondary credit. This opportunity will enhance a student's educational experience by providing opportunities for career exploration and supporting a student's successful transition to college. Please check with a Guidance Counsellor or the www.adsb.on.ca website for more information on dual credits.

Articulation Agreements

ADSB and Sault College have negotiated articulation agreements for specified secondary courses. Sault College will grant a college credit to all ADSB students who successfully (60%) complete these Ontario Secondary School courses.

Level 1 Apprenticeship Opportunities

ADSB and Sault College have negotiated an agreement to offer Level 1 Apprenticeship training to senior secondary students in *Hairstyling*, *Cook*, *Plumbing and Truck and Coach Technician*, all with Fall starts. Students spend the semester at Sault College earning dual credits and their Level 1 Apprenticeship designation through our Ontario Youth Apprenticeship Program (OYAP). Please check with a Guidance Counsellor or the www.adsb.on.ca website for more information on Level 1 Apprenticeship Opportunities.

Mathify for Grade 7-10 Math

ADSB students continue to access Mathify, a website that provides math tutoring at no cost to Grade 7 to 10 students during the evenings. Tutors are certified Ontario teachers from across the province, including some teachers from our own Board.

Students can log in at <https://tvomathify.com/register/student> in the evenings for one-on-one, anonymous help. They can enter online chat rooms with the tutors to ask questions and receive support through interactive whiteboard and audio interfaces. Students can also tag favourite sessions and explore interactive tutorials 24/7.

Parents can try out the site as guest users as well, and more information can be found at <https://www.tvomathify.com/parents> or by contacting Shari Kingston at kingsts@adsb.on.ca or 705-945-7111 x10334.



e-Learning Courses

e-Learning courses are delivered online by certified teachers in the Algoma District School Board and other boards in Northern Ontario. When a student can't take a course in their own school, e-Learning courses are a great way to meet a student's needs. Because the courses aren't scheduled for certain times of the day, they can accommodate students' personal and academic needs.

e-Learning courses run online through the Internet. Students and teacher log into a secure online learning environment to communicate with each other, share ideas, and learn together. Most courses follow the regular semester schedule. There may be a few other opportunities that follow a different schedule.

Students taking e-Learning courses should be self-motivated and able to work independently. Because they won't likely be seeing their e-Learning teacher each day, students will need to stay in regular contact with the teacher through the e-Learning system and email. Other teachers in a student's home school can also help if a student is having difficulty. If you have questions about how e-Learning works, Tyler Hankinson, ADSB's e-Learning Contact, can help you. Email him at hankint@adsb.on.ca or call him at 1-705-945-7111 extension 10216.

e-Learning Summer School

As part of the Northern e-Learning Consortium (NeLC), ADSB students can access online summer school opportunities in a variety of subjects. e-Learning summer school courses will be offered through ADSB. Registration and course information will be available each June in high school Guidance offices.

Summer and Night School

Summer and night school courses may be available for students who wish to earn additional credits, retake courses they have not successfully completed, improve achievement in a course or take transfer courses. See your Guidance Counsellor for further details. Some courses are offered through e-Learning. Your Guidance department will be able to tell you more about this year's offerings.

Algoma Education Connection (AEC)

The Algoma Education Connection is a multi-site program which includes the Kina Awiiya Secondary Program, Prince Charles Alternative School, and the School College Connection Program. These programs each have distinct features, including alternative schedules, small classes, independent study, work experience, culturally focused programming and the opportunity to take dual credits, but they share in common a focus on flexibility, continuous intake and individualized programming. All programs are intended to offer students an educational experience that is more directed towards their own experiences and circumstances, in an environment that is uniquely different from the traditional classroom setting. Refer to the directory for each site's contact information.



Cooperative Education & OYAP

Specialized programs are programs that provide students with a particular curriculum focus to assist them in meeting diploma requirements and in making the transition to post-secondary destinations. Please contact the Secondary Program Office at 705-945-7111 (x10261) or the appropriate school contact for admission requirements to these programs:

Cooperative Education

Cooperative Education is a planned learning experience, for which credits are earned, that integrates classroom theory and learning at a workplace. The experience enables students to apply and refine the knowledge and skills acquired in a related curriculum course. Cooperative Education courses must be based on a related course from an Ontario curriculum policy document in which the student is enrolled or which he or she has successfully completed. The cooperative education course and the related course, together, constitute a student's cooperative education program. The program is designed to suit the student's strengths, interests, and needs and to enhance the student's preparation for the future. Placements should provide students with challenging opportunities to apply and extend their knowledge and practice, refine the skills acquired in the related course, and demonstrate the achievement of the placement expectations that reflect current workplace practice and standards.

Students may apply to take a Cooperative Education course during option selection by indicating this selection on their option sheet and completing a Cooperative Education Application Form available in Student Services. A counseling and interview process will determine the applicant's suitability for the program. Prior to their placements, students receive pre-placement orientation. The student will be monitored regularly while at the workplace by the cooperative education teacher and will receive formal appraisals by the employer. Please note that students are responsible for providing their own transportation to and from the workplace. Bus passes will be issued where appropriate.



Ontario Youth Apprenticeship Program (OYAP)

This unique program enables students in Grades 11 and 12 to complete course work for their Ontario Secondary School Diploma while starting their apprenticeship training in one of the over 150 skilled trades.



Cooperative Education students in trade placements have the opportunity to participate in OYAP. This program follows all Ministry policies and requirements to offer students safe, quality learning opportunities in work experience settings. Students must be at least 16 years old and have completed 16 credits towards the completion of OSSD requirements. Many of the trades offer excellent employment opportunities and are particularly appealing to those whose talents are in the practical and productive or creative areas. There are over 150 apprenticeships in Ontario including Heavy Equipment Technician, Chef, Electrician and Millwright. Further information may be obtained from the Board's OYAP contact, Steve Burmaster, at **705.945.7111 ext 10261**. OYAP is an inclusive program that supports student success, pathways programs and [Specialist High Skills Major programs](#).

Specialist High Skills Major programs are offered in many ADSB schools. White Pines has Arts & Culture, Construction, Environment, and Information and Communications Technology; Superior Heights has Health & Wellness and Hospitality & Tourism; Korah has Aviation & Aerospace, Business, Energy, Manufacturing, Non-Profit, and Sports, and Elliot Lake has Construction and Hospitality & Tourism. Most of the SHSM programs offer a sector-focused Sault College dual credit.

Specialist High Skills Major

Through the Student Success initiative, Ontario secondary schools are offering expanded programs to help meet students' individual learning styles and interests. These programs allow students to customize their high school experience through a variety of new and enhanced learning options intended to meet the needs, interests and strengths of all students, engaging them in learning and better preparing them for graduation and beyond. Options include Dual Credits, Specialist High Skills Majors and Cooperative Education.

What is a Specialist High Skills Major (SHSM)?

An SHSM is a ministry-approved specialized program that allows students to focus their learning on a specific economic sector while meeting the requirements to graduate from secondary school. It also assists in their transition after graduation to apprenticeship training, college, university or the workplace.

- Arts & Culture
- Aviation & Aerospace
- Construction
- Energy
- Environment
- Health & Wellness
- Hospitality & Tourism
- Information & Communications Technology
- Non-Profit
- Manufacturing
- Sports

Key Benefits of a Specialist High Skills Major

Pursuing an SHSM helps students to:

- Customize their secondary school education to suit their interests and talents.
- Develop specialized knowledge and skills.
- Earn credits that postsecondary educational institutions and the sector recognize.
- Gain sector-recognized certification and career-relevant training.
- Develop relationships with sector partners through experiential learning.

How is a Specialist High Skills Major recognized?

Students who successfully complete an SHSM receive:

- an Ontario Secondary School Diploma with an embossed red seal
- an SHSM Record documenting his/her achievement

Where are Specialist High Skills Majors offered? How do I find out more?

SHSM programs are available in all public school boards across the province. For more information about what is available, please contact your school principal or the Student Success Leader at your school board. More detailed information about SHSMs and how they work can be found at ontario.ca/shsm





House Construction Project

Since 95% of the time is hands-on learning, it's a great experience. I'm also learning how to use tools in ways that have improved my productivity.

→ JP Forest



BUILDING CHARACTER BUILDING CAREERS BUILDING SKILLS

Senior Algoma District School Board students get on the job training while working on the ADSB SalDan House Building Project.

- Boost your self confidence and gain experience valuable for any educational or career path.
- Sharpen your teamwork, communications, personal management and leadership skills!
- Open doors for career paths in Apprenticeship Training, Interior Design, Architecture, Engineering, Construction, and more.
- Potential Ontario Youth Apprenticeship Program (OYAP) registration in a construction trade.

**Explore
Careers in:**

Carpentry

Electrical

Plumbing

Heating

Ventilation



Interested? Contact your Guidance Counsellor in Student Services



Aviation and Aerospace



ADSB
AVIATION AND AEROSPACE
SPECIALIST HIGH SKILLS
MAJOR PROGRAM

The Aviation and Aerospace Specialist High Skills Major Program allows students to focus their high school learning on the Aviation and Aerospace sector while meeting the requirements for secondary graduation.

Students will:

- Learn sector-specific skills and knowledge in a hands-on, career-related learning environment.
- Earn industry recognized certifications and training (eg. Standard First Aid, CPR, WHMIS, Fall Protection, Working at Heights, GPS, Confined Space Awareness).
- Complete the Transportation Technology: Light Aircraft and sector specific Cooperative Education credits at the **Canadian Bushplane Heritage Centre** in one of Canada's oldest aircraft hangars (built in 1924).
- Participate in the **Sault College Dual Credit Program**.
- Be provided with transportation to the Canadian Bushplane Heritage Centre.




ADSB
AVIATION AND AEROSPACE
SPECIALIST HIGH SKILLS
MAJOR PROGRAM

Aviation and Aerospace SHSM will focus on preparing students for careers in many industries:

- ✓ Aircraft Maintenance and Repair
- ✓ Air Traffic Control
- ✓ Avionics
- ✓ Pilot Training
- ✓ Flight Operations
- ✓ Airport Services
- ✓ Aircraft Overhaul Services
- ✓ Aircraft Design and Manufacturing
- ✓ Mechanical Engineering
- ✓ Aviation Machinist
- ✓ Aircraft Maintenance Technician
- ✓ Aircraft Mechanics
- ✓ Aircraft Structures
- ✓ Aerospace Administration

Whether your pathway is university, college, the world of work or an apprenticeship, this may be the program for you!



For more information, visit
www.adsb.on.ca
or call: 705-945-7111

ADSB Algoma District School Board

Motive Power Program

Get a head start towards a *career* in **TRANSPORTATION**

The Algoma District School Board, in partnership with Sault College, offers an innovative program for students interested in pursuing a career in

MOTIVE POWER TRADES.



- Develop specialized knowledge and skills required to work with land, air and marine vehicles
- Explore a variety of related career options in the transportation service industry
- Use up-to-date equipment during in-class sessions at Sault College
- Earn high school credits towards an Ontario Secondary School Diploma

- Earn a college credit towards apprenticeship schooling
- Gain valuable industry-specific work experience and knowledge in a motive power co-op placement
- Students have an opportunity to be registered to an apprenticeship through the OYAP program



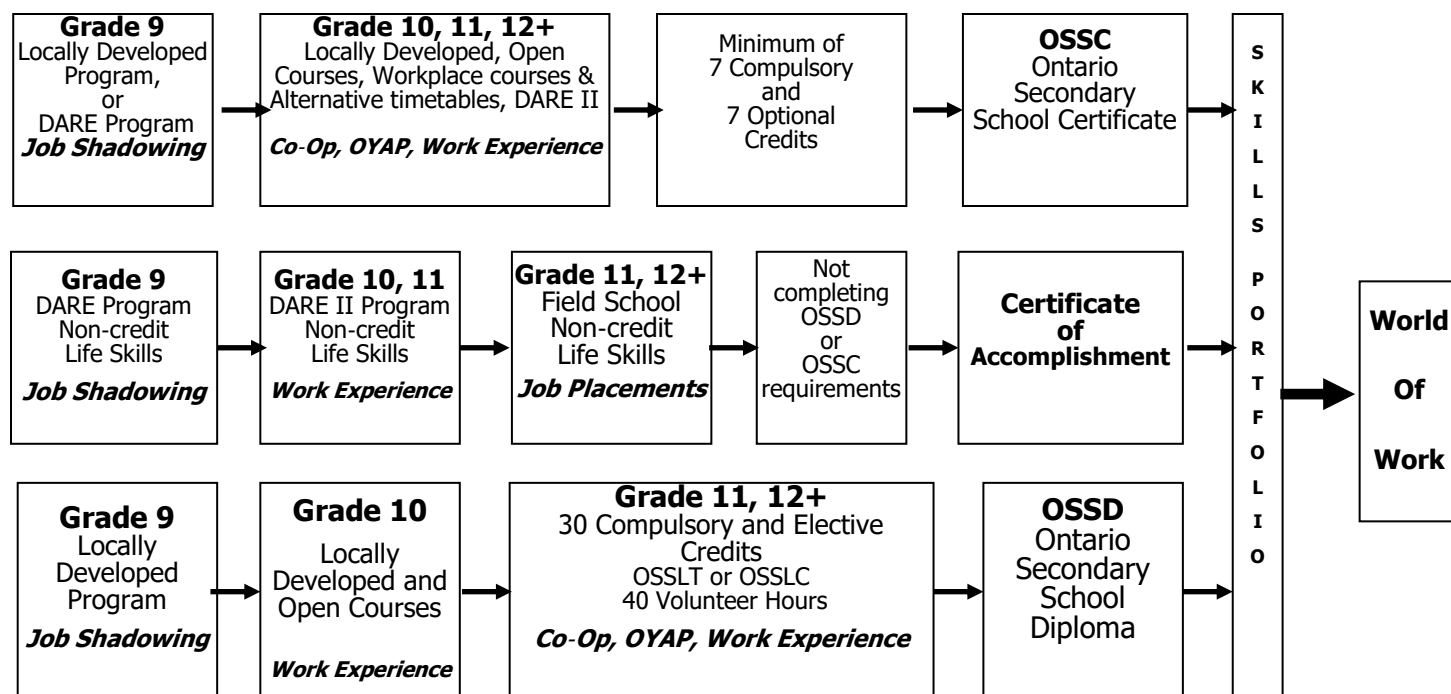
School/College/Work Initiative

**CONTACT YOUR GUIDANCE COUNSELOR,
CO-OPERATIVE EDUCATION TEACHER
OR TRANSPORTATION TECHNOLOGY
TEACHER FOR MORE DETAILS.**





Your Passport to the World of Work



Note: Students follow one of three main pathways, but flexibility exists to move between pathways as well.

ADSB offers a variety of programs that assist students on their pathway to the world of work.

Grade Nine Technology Education Rotation

Allows students to experience a hands-on classroom in a variety of trade areas. Students receive background knowledge to focus their senior courses onto a career path of their choice.

The D.A.R.E. Program

The D.A.R.E. I and D.A.R.E. II Programs are non-credit programs that prepare students for life after high school. Students graduate with a Certificate of Accomplishment which recognizes achievement for students who plan to take certain vocational programs and training, or who plan to find employment after leaving school.

The Field School Program

The Field School Program is an off-site work experience program with classrooms located at the Station Mall, the F.J. Davey Home and the Canadian Bushplane Heritage Centre. It is a non-credit program where students work in a variety of placements to develop the necessary skills to obtain future employment.

Specialized Cooperative Education Placements

Students have an opportunity to extend their learning from tech classes through work placements in trades, hospitality and other sectors. Apprenticeship and employment opportunities are the focus of the Co-op program. Creative solutions are developed for students on alternate timetables. Students receive placements in areas of interest.

START (Students At Risk Today) Program

The focus of this program is to address students' behavioural and social skills. Through progressive counseling and course work, students will expand their educational experiences to grow as an individual, as a student and as a contributing member of society.



ALGOMA EDUCATION CONNECTION

Connect . Engage . Believe

We are:

PRINCE CHARLES SECONDARY
KINA AWIIYA SECONDARY PROGRAM
SCHOOL COLLEGE CONNECTION PROGRAM (SCCP)

OUR TRIAD OF ALTERNATIVE PROGRAMS will provide you with the opportunities you are looking for. Students will be able to access the courses they need to achieve their diploma with our individual goal setting strategies.

All Programs Offer:

- Continuous enrollment
- Flexible programming with courses at all levels
- Various counselling services
- Daily snack, breakfast or lunch programs
- Bus passes if eligible
- Computers in all classrooms
- Access to dual credits
- Paid Co-op: students may earn credits through their part-time or full-time jobs



Prince Charles Secondary: 550 Northern Avenue, Sault Ste. Marie, ON P6B 4J4 705-945-7194

Kina Awiiya: 241 Albert Street West, Sault Ste. Marie, ON P6A 7B6 705-945-7122

School College Connection Program: 443 Northern Avenue, Sault Ste. Marie, ON P6B 4J3 705-759-2554 ext. 2855



THREE ALTERNATIVE PROGRAMS TO RE-ENGAGE SECONDARY STUDENTS



School College Connection

The School College Connection Program (SCCP) for students requiring six or less credits to graduate, is a high school level classroom located within Sault College. Students may earn compulsory high school credits while also taking college courses of interest, that not only qualify as college credits, but also as high school electives (dual credits). SCCP allows students to explore college programs at no financial cost and engages students in post-secondary education in a supportive and risk-free setting.



Kina Awiiya

A program closely partnered with The Indian Friendship Centre. The Kina Awiiya Secondary Program is open to all students 16 and over. There is an Indigenous cultural focus within the school and courses.



Prince Charles Secondary

A program for all students aged 16 to 20 which offers a quiet environment, caring teachers, and flexible individualized programming. Students are working towards their grade 12 Ontario Secondary School Diploma.





CENTRAL ALGOMA SECONDARY SCHOOL

Program Highlights

- Programs to meet all pathways (LEAD/life skills, workplace, college, university)
- Nationally recognized intramural program
- Culture Room
- Dance Studio
- Greenhouse
- 113 acres including wetlands area, trails, canoeing, outdoor education
- Well developed E-Learning program including in school supports and offerings

CASS Courtyard



LEADERSHIP CREDIT PROGRAM

- Recreation Leadership—plans, organizes and oversees intermediate intramural program
- Peer Tutoring, Support & Remediation—develop and apply skills through roles as a tutor, coach and mentor



TECHNICAL EDUCATION PROGRAM

- Construction
- Manufacturing
- Transportation
- Communications Technology



HEALTHY ACTIVE LIVING PROGRAM

- 7-12 Fitness Programming/Skills
- Grade 9-12 Healthy Active Living Classes
- Grade 10 & 12 Foods and Nutrition Classes



ARTS PROGRAM

- Instrumental Music
- Visual Arts
- Dance
- Drama



COOPERATIVE EDUCATION PROGRAM

- Full day program
- Work placement opportunities in local communities and Sault Ste. Marie



Chapleau High School

A great place to be and to learn!

CO-OP Education – Students earn two or more credits through a planned learning experience in a local workplace. The program is available Semester 1 & 2, and is designed to match the student's strengths, interest and needs and enhance the student's preparation for the future.

Hospitality Program – Students learn culinary skills and organize a variety of events including fundraising dinners, culinary cook-offs, as well as running the cafeteria providing delicious and nutritious meals.

Physical Education – Students have the opportunity to obtain a physical education credit each year throughout their high school career.

Construction Technology – These courses introduce students to building materials and processes through opportunities to design and build various construction projects. Students will gain hands-on experience using a variety of construction materials, processes, tools, and equipment.

Outdoor Education—Outdoor Education at CHS provides students with a hands-on learning experience with outdoor activities. Students learn about shelter-making, GPS and GIS, healthy living, environmental geography and much more.

Student Success Centre - The Student Success Centre provides academic and emotional support individually and in small groups. It enhances and develops appropriate learning strategies, provides an instructional environment where a student develops to full potential—self-esteem, social skills, self-confidence; focuses on strengths, and maximizes the learning experience for students not working towards an OSSD.

Athletics – CHS offers a comprehensive athletic program which is skill-based, fun and inclusive. All activities are equally available to male and female students and our sports teams compete in the North Shore Secondary School Athletic Association (NSSSAA).



Home of the Raiders!

Extra-Curricular Sports

Badminton

Basketball

Cross-Country Running

Curling

Golf

Soccer

Track and Field

Volleyball



Indigenous Cultural Support Room

Indigenous Cultural Support Workers support students' social, cultural, emotional and academic needs.

Traditional teachings / activities / events organized to increase knowledge of Aboriginal customs.



Chapleau High School

20 Teak Street
Chapleau, Ontario
P0M 1K0
705-864-1452
705-864-2367 (fax)



Specialty Programs at Elliot Lake Secondary



Specialist High Skills Major programs at ELSS: Construction, Hospitality & Tourism

What will students in a Specialist High Skills Major study?

A bundle of ten Grade 11 and Grade 12 credits in which students earn:

- Four credits in your major sector of your choice: **Construction** or **Hospitality & Tourism**
- One English credit, two math credits, and one credit in either science or business studies tailored to include units focused on the SHSM sector
- Two cooperative education credits to gain workplace experience that enables students to refine, extend and practice sector-specific knowledge and skills
- Experiential learning, career exploration and reach ahead activities within the sector
- Certifications and training programs/courses in basic health and safety, first aid, CPR, hazardous materials and fall protection
- Essential Skills and work habits required in the sector

What are the future career paths for a construction major?

For construction majors, possible careers include:

- Apprenticeship — plumber, electrician, general carpenter
- College — architectural technologist, construction technician
- University — architect, civil engineer
- Entry level workplace — construction labourer, demolition worker



What are the future career paths for Hospitality and Tourism?

For hospitality and tourism majors, possible careers include:

- Apprenticeship — baker, cook, chef, special events coordinator
- College — flight attendant, food service manager
- University — nutritionist, dietician, hotel/resort manager
- Entry level workplace — hotel valet, bartender



Korah Collegiate's INTERNATIONAL BACCALAUREATE Programme



The International Baccalaureate Programme is a comprehensive, two-year curriculum that includes Science, Math, Languages and Humanities in a learning environment with like-minded students. It is internationally developed and externally evaluated. It runs through the grade 11 and 12 years, with students writing international exams in both of these years. Students enrolled in the IB Programme develop into inquiring, knowledgeable, and caring adults who help to create a better and more peaceful world through intercultural understanding and respect. IB components, such as CAS (Creativity, Action, Service) and TOK (Theory of Knowledge), teach students about their part in our global village. IB graduates are better prepared for the rigours of university academic life as a result of having refined time management and organizational skills, as well as being better prepared to handle the stresses associated with university courses.



ENHANCED LEARNING PROGRAMME

The Enhanced Learning Programme (ELP) in Grade 9 and 10 helps to bridge the academic gap between the end of a student's Grade 8 year and the commencement of the International Baccalaureate (IB) Programme beginning in the Grade 11 year. Each course in the ELP covers the Ontario Secondary School Diploma (OSSD) requirements, as well as provides additional enhancements, in terms of both content and skills.



TRANSFERRING TO THE ENHANCED LEARNING PROGRAMME

Although it is recommended that students enter the Enhanced Learning Programme in Grade 9, students from other schools are welcome to apply for transfer to the ELP. Students should be aware that they are required to have completed Grade 10 academic French as well as Grade 11 Math (MCR 3U) before they are considered for entrance into the IB Programme.



thinkers

Korah Collegiate's SPECIAL PROGRAMS

MUSIC

Korah's outstanding music program provides the opportunity for students interested in Music to receive up to eight Grade 12 University level credits in specialty music classes. Concert Band, Guitar, Instrumental, Music and Computers, Musical Theatre, Mustang Sally, Recording and Vocals.



TECHNOLOGY

Students can earn credits in Construction, Fine Cabinetry, Manufacturing (welding), Technological Design, Transportation, Communication Technology (Graphic Design, Animation, Digital Photography) and Photography.

I-PAD LAB



Korah Collegiate's SPECIALIST HIGH SKILLS MAJOR

ENERGY SHSM

The Specialist High Skills Major (SHSM) in Energy offers students the opportunity to explore the energy sector and to gain knowledge and skills that will allow them to participate in an economy in which energy is a significant factor. Students earn certifications in GIS/GPS, Elevated Work Platforms, Fall Arrest, Ergonomics and Electrical Safety.



MANUFACTURING SHSM

The Manufacturing SHSM program will help to develop a strong foundation for a wide variety of careers in the manufacturing sector. Students earn certification in Canadian Welding Bureau, Elevated Work Platforms, Hoisting and Rigging, Confined Space Awareness and Fall Protection.



SPORTS SHSM

The Sports SHSM allows you to focus your secondary school education on the sports sector. The sports sector includes all jobs related to sports, recreation, and personal training. Select this SHSM if you are interested in a sports-related career.



BUSINESS SHSM

The Business SHSM program will help to develop strong entrepreneurship, leadership and financial skills leading to a wide variety of careers in all sectors of the 21st century economy. Students earn certification in many areas including: Counterfeit Detection, Ergonomics, Leadership Skills, Effective Networking and others.

Korah Collegiate's Specialist High Skills Major



AVIATION & AEROSPACE

This Grade 11 and Grade 12 four-credit program includes the Transportation Technology: Light Aircraft Course, which has three main areas of study: pilot flight services, mechanics and structures. Students will earn industry recognized certifications and training. They will earn cooperative education credits as they engage in placements with partners within the industry including: aircraft maintenance and repair, avionics, pilot training, engineering, aerospace administration and aircraft mechanics. Light aircraft transportation technology classes will be held at the CHBC in their historic aircraft hangar. The hangar, built in 1924, is one of the oldest in Canada and will provide an engaging atmosphere for students for the duration of the program.

NON-PROFIT

The non-profit sector offers a range of careers that are dynamic, engaging, and rewarding. Careers in the fields of art, culture, education, the environment, information technology, health care, social development, or sport, and countless career paths are available for people who share the sector's common vision: to make a difference. This is an emerging job market especially in the Algoma region. In Sault Ste Marie alone, 44% of the workforce is employed in the non-profit. Across Canada nearly 1.2 million people are employed in the non-profit sector. This program will help prepare students to enter the non-profit sector and offer a variety of certifications that students can use beyond high school.





Michipicoten High School

Outdoor Education Program



This program focuses on the development of a healthy lifestyle through instruction and participation in a variety of enjoyable outdoor activities that have the potential to engage students' interest throughout their lives. The program explores three interconnected themes:

- the **Outdoor Skills** necessary for safe, comfortable outdoor experiences in all seasons;
- the **Personal and Group Development** ("Team Building") skills which stress understanding, respect, and appreciation for self and others; and
- the **Environmental Understandings** which acknowledge the importance of all living things.

This double credit (PAD30 and NBV3C), co-ed, group-oriented program takes place primarily within the outdoor classroom and **challenges students to learn by doing**. Students are encouraged to develop personal competence in a variety of outdoor skills and gain theoretical knowledge within the units of paddling, outdoor recreation, risk management, survival, navigation, wilderness first aid and winter travel. Students have the opportunity to demonstrate their understanding and skills during several wilderness expeditions and can look forward to a diverse curriculum that includes:

- | | | |
|---------------------------|------------------------|-----------------------|
| - Fire building | - Canoeing | - Fall/spring camping |
| - Compass, map & GPS use | - Kayaking | - Winter camping |
| - Shelter building | - Hiking | - Backcountry cooking |
| - Trip planning & packing | - Snowshoeing | - Fishing |
| - Campsite set-up | - Cross-country skiing | - and more! |



Superior Heights C.&V.S.



Welcome to Superior Heights, the newest secondary school in our city, featuring state-of-the-art design and specialty classrooms which include a Bistro, Dance Studio, Weight Room, Cosmetology Lab, Multi-Media Theatre and Communication Technology Mac computer lab.



Come Soar With Us!



Superior Heights C.&V.S. Specialty Programs

Specialist High Skills Major Programs

Health & Wellness SHSM

The Health and Wellness SHSM program offers special training and certification for students pursuing a career in health care, athletics or a related sector. Student-athletes can benefit from enriched experiences and flexible time tabling to earn credit for athletic participation. These fortified experiences develop a health-literate student who strives to strengthen their commitment, capacity, and comprehension of vitality while pursuing a career in a health or an athletics related field while living and promoting long, healthy lives.



Hospitality and Tourism SHSM

The Hospitality and Tourism SHSM allows 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 tourism industry presents many advantages for employees because it offers a selection of well over 400 occupations. Tourism jobs also tend to provide plenty of opportunities for advancement, widely transferable skills, and ongoing training.



SHSM Highlights

- 1) A bundle of nine (9) Grade 11 and Grade 12 credits that comprises:
 - Four (4) major credits recognized by sector and organized by the Ministry of Education.
 - Three (3) other required credits from the Ontario curriculum, in English, Mathematics and Science or Business Studies.
 - Two (2) cooperative education credits tied to the sector.
- 2) Six (6) sector-recognized certifications and/or training courses/programs.
- 3) Experiential learning and career exploration activities within the sector to assist with identifying and refining career goals.
- 4) Reach ahead experiences connected with the student's post-secondary plans.
- 5) Development of Essential Skills and work habits required in the sector, and documentation of them using the Ontario Skills Program.



Superior Heights C. & V.S. Specialized Programs

Advanced Placement at Superior Heights

The Advanced Placement Program offers students flexibility and challenge while also providing credit for college and university programs around the world.

Advanced Placement is an internationally recognized program that is supported by 16,000 schools worldwide. In Canada, there are 571 schools participating in Advanced Placement.

Advanced Placement allows students to experience university-level curriculum without sacrificing high school marks—if anything, the enrichment provides the students with an enhanced opportunity to excel in traditional high school classes.



AP Pathways

Pre-AP (enriched academic)				
Grade 9	English ENG1DAP	Science SNC1DAP	French FIF1DAP	
Pre-AP (enriched academic)				
Grade 10	English ENG2DAP	Science SNC2DAP	French FIF2DAP	
AP Prep (enriched university)				
Grade 11	English ENG3UAP	Biology SBI3UAP	Chemistry SCH3UAP	French FIF3UFAP
Advanced Placement University				
Grade 12	English ENG4UAP	Biology SBI4UAP	Chemistry SCH4UAP	French FIF4UFAP



Superior Heights C. & V.S. French Immersion Program

Superior Heights offers a comprehensive French Immersion program which is designed to develop and refine student's ability to communicate in French as well as to expand their knowledge of the language. By the end of the four-year program, students will be able to participate easily in conversations and discussions, take courses at the college or university level in which French is the language of instruction and accept employment in which French is the working language. The Superior Heights French Immersion program offers 14 different courses designed to optimize language development. See the chart below:

Certification Opportunities

A certificate in French Immersion is granted for the successful completion of four courses of French language and a minimum of six other courses taught in French.



DELF Testing

This certification of French-language abilities for FSL learners is recognized in 173 countries and is valid for life.



Advanced Placement

Our AP Français courses prepare French Immersion learners for the French Language Advanced Placement Test. Students who successfully complete this examination can obtain credit for university

Grade 9	Grade 10	Grade 11	Grade 12
Compulsory French Immersion courses			
Français (FIF1DF) or Français (FIF 1PF)	Français (FIF2DF)	Français (FIF3UF)	Français (FIF4UF)
Géographie (CGC1DF)	Histoire (CHC2DF)		
	Citoyenneté / Carrières (GLC2OF / CHV2OF)		
Elective French Immersion courses			
Technologie Informatique (BTT1OF)	Nutrition (HFN2OF)	Éducation physique (PPL3OFI)	Développement Hu- main (HHG4MF)
Arts intégraux (ALC1OF)		Sciences Sociales (Anthro, Soc, Psych) (HSP3CF)	Histoire mondiale (CHY4UF)
The program requires completion of the four Français courses and a minimum of 6 other courses taught in French. Upon graduation, students will earn a French Immersion Certificate based on the completion of 10 French immersion courses.			



Dual Credit in Construction and Hospitality

W. C. Eaket Secondary School offers a dual credit in construction and hospitality. Students who take grade 11 or 12 construction or 11 or 12 hospitality, learn from their secondary school teacher and from a college instructor! Also, they receive a secondary school credit and a college credit at the same time. This college credit is granted by Sault College and counts toward qualifying programs at the college. Other colleges may also accept this credit toward meeting program requirements.



W. C. Eaket Secondary School Something for everyone



Cultural Room

W. C. Eaket Secondary School, in partnership with Mississauga First Nation, offers the support of a Traditional Mentor Worker. Indigenous and non-indigenous students access the social, cultural, and academic supports centred in the Cultural Room. Traditional teachings are used to scaffold student awareness, understanding and success.

Greenhouse Program

W. C. Eaket Secondary School offers a 2-credit package based in the greenhouse. Students have the opportunity to earn MEL3E or MEL4E and SVN3E. This pathway provides students with hands-on learning opportunities incorporating math skills, horticulture and small business management techniques, culminating in a public sale of fresh, home grown, garden and floral plants.



Grade 8 Reach Ahead Program

Students in their grade 8 year have the opportunity to attend W. C. Eaket Secondary School twice per week, after school their regular school day, to earn a credit. This program allows students to meet school staff, and to understanding the building and routines. Students work in a variety of areas of the school, in a variety of curriculum areas, with a variety of teachers. Also, once enrolled, students are able to begin accumulating volunteer hours (40 hours are required for graduation). This program provides a great head-start to the grade 9 year.



It's all here



White Pines C & V S



Arts and Culture

Enables students to build a foundation of sector-focused knowledge and skills. Students choose a particular focus in Music, Vocals, Visual Arts, Dramatic Arts, Dance, Technical Production, and Media Studies.

SPECIALIST HIGH SKILLS MAJOR

SHSM



Construction

Enables students to develop a strong foundation in a variety of construction industry careers. In Ontario, it is estimated that 60,000 workers will be required to replace those retiring from construction-based careers. The Construction SHSM enables students to build a foundation of sector-focused knowledge and skills before entering apprenticeship training, college, and university programs.





ICT

Information & Communication Technology

Students enrolled in the SHSM-Information and Communications Technology will be involved in today's rapid and exciting changes in technology and will contribute to new and emerging media and technologies in the years to come.



Employment in the environmental sector has boomed in recent years and is expected to grow in order to meet goals regarding climate change. Environment SHSM enables students to build a foundation of sector-focused knowledge and skills entering apprenticeship training, university and college programs.

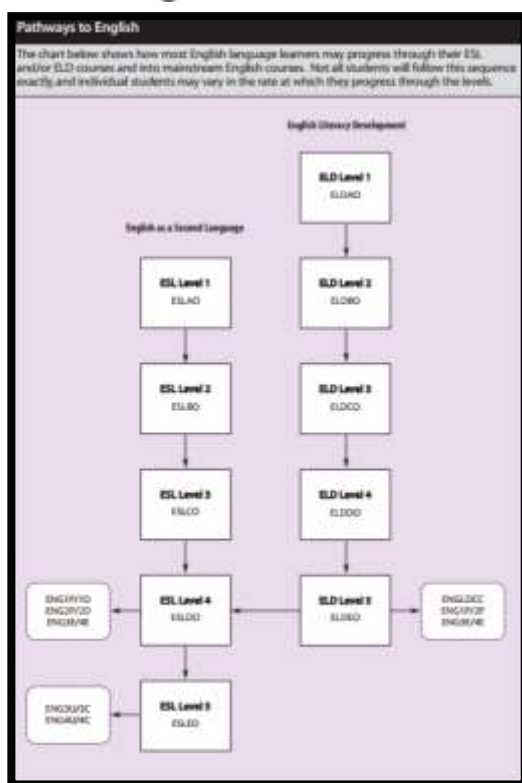


SPECIALIST HIGH SKILLS MAJOR

SHSM



English Language Learners in the Algoma District School Board



Currently offered at Superior Heights C. & V.S. and White Pines C. & V.S.

Contact Algoma District School Board for more information.

English Language Learner Programs Include:

- ⇒ ESL (English as a Second Language) Courses from levels 1-5
- ⇒ ELD (English Literacy Development) Courses from levels 1-5
- ⇒ Locally Developed Mathematics Courses for ELD Students with limited prior schooling
- ⇒ Ongoing support in mainstream content area classrooms





What Do You Need to Graduate?

COMPULSORY CREDITS (TOTAL OF 18)

4 credits in English (1 credit per grade)

- The Ontario Secondary School Literacy Course (OSSLC) may be used to meet either the Grade 11 or the Grade 12 English compulsory credit requirement.
- The Grade 11 Contemporary Aboriginal Voices course may be used to meet the Grade 11 English compulsory credit requirement.
- For English language learners the requirement may be met through earning a maximum of 3 credits in English as a second language (ESL) or English literacy development (ELD); the fourth credit must be a Grade 12 compulsory

3 credits in mathematics (at least 1 credit in Grade 11 or 12)

2 credits in science

1 credit in the arts

- The Grade 9 Expressing Aboriginal Cultures course may be used to meet the compulsory credit requirement in the arts.

1 credit in Canadian geography (Grade 9)

1 credit in Canadian history (Grade 10)

1 credit in French as a second language

- Students who have taken Native languages in place of French as a second language in elementary school may use a Level 1 or 2 Native language course to meet the compulsory for French as a second language.

1 credit in health and physical education

0.5 credit in career studies

0.5 credit in civics

3 additional credits, consisting of 1 credit from each of the following groups:

Group 1: English (including the Ontario Secondary School Literacy Course), French as a second language, classical languages, international languages, Native languages, Canadian and world studies, Native studies, social sciences and humanities, guidance and career education, cooperative education

Group 2: French as a second language, the arts, business studies, health and physical education, cooperative education

Group 3: French as a second language, science (Grade 11 or 12), computer studies, technological education, cooperative education

Note: The following conditions apply to selections from the above three groups:

- A maximum of 2 credits in French as a second language may count as additional compulsory credits, 1 credit from Group 1, and 1 credit from either Group 2 or Group 3.
- A maximum of 2 credits cooperative education may count as additional compulsory credits, selected from any of Groups 1, 2, or 3.



What Do You Need to Graduate?

Students must complete a minimum of 40 hours of community involvement activities during their years in the secondary school program. This requirement is to be completed outside the student's normal instructional hours and in a variety of settings. **Students may not complete the hours through activities that are counted towards a credit, through paid work or by assuming duties normally performed by a paid employee.**

Parents and students play a major role in this initiative. Organizations or persons supervising the activities must confirm completion of the 40 hours. Documentation attesting to the completion of each activity must be submitted. This documentation must include the name of the person or organization receiving the service, the activity performed, the dates and hours, signatures of the student and his or her parents and a signed acknowledgement by the person (or representative of the organization) involved. *More details on community involvement requirements and procedures are available from the school.*

Ontario Secondary School Literacy Test (OSSLT)

All students must successfully complete the Ontario Secondary School Literacy Test (OSSLT) in order to earn a secondary school diploma. Students will normally be administered the literacy test when they are in Grade 10. The test is based on Ontario curriculum expectations for language and communication, particularly reading and writing, up to and including Grade 9. The test results will identify areas for remediation for students who are unsuccessful in completing the test. Students who write the test but do not succeed must re-take the test and complete it successfully in order to qualify for a secondary school diploma. There is no limit to the number of times the test may be re-taken.

Accommodations

Students who are receiving special education programs and services and who have an Individual Education Plan may receive the accommodations that are set out in their IEP.

Deferrals

Only students who might benefit from a deferral of the test will be considered. This may include students who have been identified as exceptional and students registered in English as a second language/English literacy development courses who have not yet acquired the level of proficiency in English required for successfully completing the test. The Principal determines if a deferral should be granted and the time period for the deferral.

Exemptions

Students whose IEP indicates that the student is not working towards the attainment of a secondary school diploma may, with parental consent and approval of the Principal, be exempted from participating in the literacy test.

Ontario Secondary School Literacy Course (OSSLC)

Students may also achieve the literacy requirement through the Ontario Secondary School Literacy Course. Refer to the course description in the Grade 12 English section.

Adjudication

At the end of each school year, Directors of Education establish an Adjudication Panel to provide a select group of students an additional opportunity to meet the graduation literacy requirement. This group of students includes those who would otherwise be eligible to graduate in June but, through no fault of their own, have not been able to take advantage of the normal opportunities to write the Ontario Secondary School Literacy Test (OSSLT) and/or have not been able to enrol in or complete OSSLC due to unforeseen circumstances. Also eligible are students who were receiving special education programs or services, and had an Individual Education Plan (IEP) documenting required accommodations that due to unforeseen circumstances were not available when they were taking the OSSLT. Contact the Principal for further information.



The Ontario Secondary School Certificate

The Ontario Secondary School Certificate will be granted on request to students who leave school before earning the Ontario Secondary School Diploma, provided they have earned a minimum of 14 credits, distributed as follows:

Compulsory credits (total of 7)

- 2 credits in English
- 1 credit in Canadian geography or Canadian history
- 1 credit in mathematics
- 1 credit in science
- 1 credit in health and physical education
- 1 credit in the arts or technological education

Optional credits (total of 7)

- 7 credits selected by the student from available courses.

Certificate of Accomplishment

Students who leave school before fulfilling the requirements for the Ontario Secondary School Diploma or the Ontario Secondary School Certificate may be granted a Certificate of Accomplishment. This certificate may be a useful means of recognizing achievement for students who plan to take certain vocational programs or other kinds of further training. Students who return to school to complete additional credit and non-credit courses will have their transcript updated but will not be issued a new Certificate of Accomplishment.

School Organization

ADSB secondary schools are primarily organized into two semesters. Semester 1 runs from September to the end of January; Semester 2 runs from February to the end of June. However, some programs and courses are non-semestered and run from September to the end of June. Check the [ADSB school calendar](#) (currently in draft form—pending final approval) for specific dates. Each semester has two reporting periods, one at mid-term and one at the end of the semester.



Explaining the Course Codes

Definitions of Types of Courses

Four types of courses are offered in Grades 9 and 10:

- *Academic* courses emphasize theory and abstract problems.
- *Applied* courses focus on practical applications and concrete examples.
- *Open* courses are designed to prepare students for further study in certain subjects and to enrich their education generally.
- *Locally Developed* courses offer added flexibility and support in order to meet compulsory credit requirements and prepare students for further Workplace Preparation courses.

Five types of courses are offered in Grades 11 and 12:

- **Open** courses are appropriate for all students regardless of postsecondary destination. They are not designed with the specific requirements of a postsecondary destination in mind.
- **Workplace Preparation** courses are designed to prepare students for a variety of jobs, training programs and careers. These courses emphasize workplace applications but also explore theoretical material underlying practical applications.
- **College Preparation** courses are designed to prepare students for most college programs and related careers.
- **University/College Preparation** courses are designed to prepare students for entrance requirements for specific university and college programs, and related careers.
- **University Preparation** courses are designed to prepare students for entrance requirements for university programs and related careers.

The course code consists of a course title and a sixth character code: The first five characters are designated by the Ministry of Education and Training. The Algoma District School Board determines the sixth character.

Code Characters	Explanation	Example - ENG 1DB
1 st , 2 nd , and 3 rd	Subject discipline of the course in letters.	"ENG" English
4 th	Grade level as a number "1" Grade 9 "2" Grade 10 "3" Grade 11 "4" Grade 12	"1" : Grade 9
5 th	Type of course as a letter "D" Academic "E" Workplace "P" Applied "C" College "O" Open "M" University/College "U" University "L" Locally Developed	"D" Academic course
6 th	Board designated character that indicates credit value or may be used to differentiate between courses with similar codes.	"B" International Baccalaureate and Enhanced Learning

Additional curriculum and transfer course information is available at www.edu.gov.on.ca



Grade 9 Courses

Arts

Integrated Arts, Grade 9 Open (ALC10)

This course integrates two or more of the arts (dance, drama, media arts, music, and visual arts), giving students the opportunity to produce and present art works created individually or collaboratively. Students will demonstrate innovation as they learn and apply concepts, styles, and conventions unique to the various arts and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to integrated arts challenges.

Superior Heights only.

Drama, Grade 9 Open (ADA10)

This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them. Prerequisite: None *Elliot Lake only*

Music, Grade 9 Open (AMU10)

This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life. *All schools except Chapleau*

Visual Arts, Grade 9 Open (AVI10)

This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context. *All schools except Elliot Lake.*

Business

Information and Communication Technology in Business, Grade 9 or 10 Open (BTT10 or BTT20)

This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology. *All schools except Elliot Lake, Hornepayne and W.C. Eaket.*

Canadian & World Studies

Issues in Canadian Geography, Grade 9 Applied (CGC1P)

This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore a range of issues, including food and water supplies, competing land uses, and interactions with the natural environment, developing their awareness that issues that affect their lives are interconnected with issues in other parts of the world. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate choices related to sustainable living in Canada. *All schools.*



Issues in Canadian Geography, Grade 9 Academic (CGC1D)

This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place to live. *All schools.*

English

English, Grade 9 Locally Developed Compulsory Course (ENG1L)

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the Grade 10 LDCC Course. The course is organized into strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas. *All schools.*

English, Grade 9 Applied (ENG1P)

This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12. *All schools.*

English, Grade 9 Academic (ENG1D)

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyze literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12. *All schools.*

French As a Second Language

Core French, Grade 9 Applied (FSF1P)

This course provides opportunities for students to communicate and interact in French in structured situations on everyday topics and to apply their knowledge of French in everyday situations. Students will continue to develop language knowledge and skills introduced in the elementary Core French program, through practical applications and concrete examples, and will use creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners. Prerequisite: Minimum of 600 hours of elementary Core French instruction, or equivalent. *All schools.*

Core French, Grade 9 Academic (FSF1D)

This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will continue to develop language knowledge and skills by using language-learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners. Prerequisite: Minimum of 600 hours of elementary Core French instruction, or equivalent. *All schools.* * At Superior Heights this course will also begin to prepare students for the Advanced Placement (AP) program examination in Grade 11 or 12.



French Immersion, Grade 9 Applied (FIF 1P)

This course provides opportunities for students to communicate and exchange information in French in a variety of real-life situations, with support as appropriate. Students will develop the key listening, speaking, reading, and writing skills introduced in the elementary French Immersion program. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. Prerequisite: Minimum of 3800 hours of French instruction, or equivalent. *Superior Heights only. *At Superior Heights this course will begin to prepare students for the Advanced Placement (AP) program examination in Grade 11 or 12.*

French Immersion, Grade 9 Academic (FIF1D)

This course provides opportunities for students to speak and interact in French independently in a variety of real-life and personally relevant contexts. Students will develop their ability to communicate in French with confidence by using language-learning strategies introduced in the elementary French Immersion program. Students will enhance their knowledge of the language through the study of French-Canadian literature. They will also continue to increase their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary to become life-long language learners. Prerequisite: Minimum of 3800 hours of instruction in elementary French Immersion, or equivalent. *Superior Heights only. *At Superior Heights this course will begin to prepare students for the Advanced Placement (AP) program examination in Grade 11 or 12.*

Guidance & Career Education

Learning Strategies 1: Skills for Success in Secondary School, Grade 9 Open (GLS1O/GLE1O/GLE2O)

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond. Prerequisite: For GLS1O – None, For GLE1O and GLE2O – Recommendation of Principal. *All schools.*

Health and Physical Education

Healthy Active Living Education, Grade 9 Open (PPL1O)

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs, and will participate in activities designed to develop goal-setting, communication, and social skills. *All schools – may also be offered as PPL10M (Boys' Physical Education), PPL10F (Girls' Physical Education).*

Mathematics

Mathematics, Grade 9 Locally Developed Compulsory Course (MAT1L)

This course provides further development of mathematical knowledge and skills to prepare students for success in their daily lives, in the workplace, and in the Grade 10 LDCC Course. The course is organized into three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities. *All schools.*

Mathematics, Grade 9 Destreamed (MTH1W) –

This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations. Students will continue to enhance their mathematical reasoning skills, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking. *All Schools*



Native Languages and Studies

Ojibwe, Grade 9 Open (LNOAO)

The purpose of this course is to develop basic Ojibwe language skills and to highlight certain traditions and customs of the Ojibwe people. Previous knowledge of the language is not required. Students will use the language being studied for greetings and daily routines, become familiar with its writing and sound system, and practice basic vocabulary and phrases.

Elliot Lake, Korah, Superior Heights, Michipicoten, and White Pines only.

Ojibwe, Grade 9 Open (LNOBO)

This course will enable students to experience the unique respect for life that permeates Native languages and cultures. Students will expand their vocabulary and knowledge of phrases and expressions, using them in simple dialogues, narrative writing, grammatical constructions, and reading, and to exchange information electronically. This course is open to any student who has successfully completed at least four years of elementary Native languages study, has successfully completed LNOAO or demonstrates the required proficiency. *Elliot Lake, Michipicoten, and White Pines only.*

Expressions of Aboriginal Cultures, Grade 9 Open (NAC1O)

This course will explore a variety of contemporary and traditional First Nations, Métis, and Inuit art forms such as new media, storytelling, installation and performance art. Students will examine the interrelationships between Aboriginal art forms and individual and cultural identities and values. They will create art works to express their own ideas and understanding of Aboriginal identity, relationships, and sovereignty by using a range of media, processes, techniques, and styles. *CASS, and Elliot Lake only.*

**W.C. Eaket offered in alternate years.*

Science

Science, Grade 9 Locally Developed Compulsory Course (SNC1L)

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace, and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics, including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities. *All schools.*

Science, Grade 9 Applied (SNC1P)

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity. Prerequisite: None. *All schools.*

Science, Grade 9 Academic (SNC1D)

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity. Prerequisite: None. *All schools.*



Technological Education

Exploring Technologies, Grade 9 Open (TIJ10)

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields. Prerequisite: None. *All schools.*

Exploring Technological Design, Grade 9 (TDJ 10)

This exploratory course introduces students to concepts and skills related to technological design, which involves the development of solutions to various design challenges and the fabrication of models or prototypes of those solutions. Students will develop an awareness of related environmental and societal issues, and will begin to explore secondary and postsecondary pathways leading to careers in the field. *White Pines Only*



Grade 10

Arts

Dance, Grade 10 Open (ATC2O)

This course emphasizes the development of students' technique and creative skills relating to the elements of dance and the tools of composition in a variety of performance situations. Students will identify responsible personal and interpersonal practices related to dance processes and production, and will apply technologies and techniques throughout the process of creation to develop artistic scope in the dance arts. *CASS, and Superior Heights only.*

Drama, Grade 10 Open (ADA2O)

This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences. Prerequisite: None. *All schools except Chapleau, Hornepayne, Michipicoten and Korah.*

Music, Grade 10 Open (AMU2O)

This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures. Prerequisite: None. *All schools except Chapleau, Michipicoten and W.C. Eaket.*

Guitar, Grade 10 Open (AMG2O)

Students will learn a variety of guitar techniques while performing folk and popular songs on the 6-string acoustic guitar. Learning how to read music and chord symbols is an important component of this course. Students will learn about the historical development of the guitar by listening to classical, folk, blues, jazz, and rock selections. Prerequisite: None (but AMU10 is recommended). *Superior Heights, Korah, and White Pines only.*

Vocal Music, Grade 10 Open (AMV2O)

This course emphasizes performance of music at an intermediate level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively. Students will also be required to develop a thorough understanding of the language of music, including the elements, terminology, and history. Aspiring rock stars, opera singers, folk singers and anyone who enjoys singing will benefit from this course which performs primarily in a choir format. Prerequisite: None. *Korah only.*

Visual Arts, Grade 10 Open (AVI2O)

This course enables students to develop their skills in producing and presenting art by introducing them to new ideas, materials, and processes for artistic exploration and experimentation. Students will apply the elements and principles of design when exploring the creative process. Students will use the critical analysis process to reflect on and interpret art within a personal, contemporary, and historical context. Prerequisite: None (but AVI10 is recommended). *All schools.*

Business

Introduction to Business, Grade 9 or 10 Open (BBI1O, BBI2O)

This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information technology, human resources, and production, and of the importance of ethics and social responsibility. This course builds a foundation for further studies in business and helps students develop the business knowledge and skills they will need in their everyday lives. *All schools except Hornepayne, Elliot Lake, Michipicoten, W.C. Eaket, and White Pines.*



Canadian & World Studies

Canadian History, Grade 10 Locally Developed Compulsory Course (CHC 2L)

This course focuses on the connections between the student and key people, events, and themes in Canadian history from World War I to the present. Students prepare for the Grades 11 and 12 Workplace Preparation history courses through the development and extension of historical literacy and inquiry skills. Students explore a variety of topics highlighting individuals and events that have contributed to the story of Canada. The major themes of Canadian identity, internal and external relationships, and changes since 1914, are explored through guided investigation. Students have the opportunity to extend analytical skills with a focus on identifying and interpreting events and perspectives and making connections. Students practice reading, writing, visual, and oral literacy skills, and mathematical literacy skills to identify and communicate ideas in a variety of forms. *All schools.*

Canadian History Since World War I, Grade 10 Applied (CHC2P)

This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to Canadian heritage and identity. Students will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating the continuing relevance of historical developments and how they have helped shape communities in present-day Canada. *All schools.*

Canadian History Since World War I, Grade 10 Academic (CHC2D)

This course explores social, economic, and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on Canadian identity, citizenship, and heritage. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914. *All schools.*

Civics and Citizenship, Grade 10 Open (CHV2O - 0.5 Credit)

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them. *All schools.*

Classic and International Languages

Spanish, Grade 10 Academic Level 2 (LWSBD1)

This course provides students with language learning experiences that will enable them to communicate in the language of study. Students will develop and apply their speaking skills in a variety of contexts, and will participate in activities that will improve their reading comprehension and writing skills. They will also explore aspects of the culture of countries where the language under study is spoken by taking part in community sponsored events and activities involving both print and technological resources. Students will expand their vocabulary and repertoire of language structures, the language they will use at this level will still be simple. *Superior Heights only.*

Computer Studies

Introduction to Computer Studies, Grade 10 Open (ICS20)

This course introduces students to computer programming. Students will plan and write simple computer programs by applying fundamental programming concepts, and learn to create clear and maintainable internal documentation. They will also learn to manage a computer by studying hardware configurations, software selection, operating system functions, networking, and safe computing practices. Students will also investigate the social impact of computer technologies, and develop an understanding of environmental and ethical issues related to the use of computers. Prerequisite: None.

Korah and Superior Heights only. Also offered in e-Learning.



English

English, Grade 10 Locally Developed Compulsory Course (ENG 2L)

In this course, students focus on extending their literacy and communication skills to prepare for success in their daily lives, in the workplace, in the English, Grade 11, Workplace Preparation course, or in the English: Contemporary Aboriginal Voices, Grade 11, Workplace Preparation course. The course is organized by strands that extend listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on refining foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students build on their strategies and engage in the processes involved in talking, listening, reading, viewing, writing, and thinking. Students reflect regularly upon their growth in these areas. Prerequisite: Any Grade 9 English credit. *All schools.*

English, Grade 10 Applied (ENG2P)

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in secondary school and daily life. Students will study and create a variety of informational, literary, and graphic texts. An important focus will be on the consolidation of strategies and processes that help students interpret texts and communicate clearly and effectively. This course is intended to prepare students for the compulsory Grade 11 college or workplace preparation course. Prerequisite: English, Grade 9, Academic or Applied. *All schools.*

English, Grade 10 Academic (ENG2D)

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyze literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course. Prerequisite: English, Grade 9, Academic (recommended) or Applied. *All schools.*

French As a Second Language

Core French, Grade 10 Applied (FSF2P)

This course provides opportunities for students to communicate in French about everyday matters and topics of personal interest in real-life situations. Students will exchange information, ideas, and opinions with others in structured, guided, and increasingly spontaneous spoken interactions. Students will continue to develop their language knowledge and skills through the consolidation of language-learning strategies for interpreting texts and communicating clearly. They will also increase their understanding and appreciation of diverse French-speaking communities, and will continue to develop the skills necessary to become life-long language learners. Prerequisite: Core French, Grade 9, Academic or Applied. *All schools.*

Core French, Grade 10 Academic (FSF2D)

This course provides opportunities for students to communicate in French about personally relevant, familiar, and academic topics in real-life situations with increasing independence. Students will exchange information, ideas, and opinions with others in guided and increasingly spontaneous spoken interactions. Students will continue to develop their language knowledge and skills through the selective use of strategies that contribute to effective communication. They will also increase their understanding and appreciation of diverse French-speaking communities, and will continue to develop the skills necessary to become life-long language learners. Prerequisite: Core French, Grade 9, Academic or Applied. *All schools* * At Superior Heights, this course will continue to prepare students for the Advanced Placement (AP) program examination in Grade 11 or 12.

French Immersion, Grade 10 Academic (FIF2D)

This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Students will use a variety of language-learning strategies in listening, speaking, reading, and writing, and will respond to and interact with print, oral, visual, and electronic texts. Students will develop their knowledge of the French language through the study of contemporary and historically well-known French European literature. They will also continue to increase their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary to become life-long language learners. Prerequisite: French Immersion, Grade 9, Academic or Applied. *Superior Heights only.* * At Superior Heights, this course will continue to prepare students for the Advanced Placement (AP) program examination in Grade 11 or 12.



Guidance & Career Education

Career Studies, Grade 10 Open (GLC2O – 0.5 credit)

This course teaches students how to develop and achieve personal goals for future learning, work, and community involvement. Students will assess their interests, skills, and characteristics and investigate current economic and workplace trends, work opportunities, and ways to search for work. The course explores postsecondary learning and career options, prepares students for managing work and life transitions, and helps students focus on their goals through the development of a career plan.

Prerequisite: None. *All schools.*

Health and Physical Education

Healthy Active Living Education, Grade 10 Open (PPL2O)

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices.

All schools. May also be offered as PPL20M (Boy's Physical Education) or PPL20F (Girl's Physical Education).

Personal and Fitness Activities, Grade 10 Open (PAF2O)

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety.

Prerequisite: None. *Elliot Lake only.*

Focused Physical Education, Grade 10 Open (PAL2O)

This course emphasizes regular participation in a basketball that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution and social skills in making personal choices. Students will demonstrate an understanding of many aspects of basketball including, skills, techniques, strategies, training, physical and mental preparation as well as performance critique and reflection. Prerequisite: None. *Superior Heights only.*

Mathematics

Mathematics, Grade 10 Local Developed Compulsory Courses (MAT2L)

This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 11 and Grade 12 Mathematics Workplace Preparation courses. The course is organized by three major strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities. Prerequisite: Any Grade 9 Mathematics credit. *All schools*

Foundations of Mathematics, Grade 10 Applied (MFM2P)

This course enables students to consolidate their understanding of linear relations and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relations. Students will investigate similar triangles, the trigonometry of right triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Prerequisite: MFM1P or MPM1D. *All schools.*



Principles of Mathematics, Grade 10 Academic (MPM2D)

This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically and communicate their thinking as they solve multi-step problems. Prerequisite: MPM1D. *All schools.*

Native Languages and Studies

First Nations, Métis, and Inuit Peoples in Canada, Grade 10 Open (NAC2O)

This course explores First Nations, Métis, and Inuit peoples' relationships with Canada from pre-contact to the 21st century. Students will examine social, economic, political and military interactions that impact the contemporary realities of Aboriginal people in Canada in relation to identity, culture, community, land, and governance. Students will explore their own and others' ideas using the historical inquiry process to think critically and respond responsibly about civic questions raised today as a result of the changing relationships. Prerequisite: None. *CASS, Elliot Lake, Korah, Michipicoten, and White Pines. *W.C. Eaket, offered in alternate years. Also offered in e-Learning.*

Ojibwe, Grade 10 Open (LNOCO)

This course will provide students an opportunity to expand their knowledge of a Native language and of Native philosophy, spirituality, and values, and to enhance their identity and self-worth. Students will communicate by using a variety of phrases and expressions, create short conversations, skits, stories, and narratives, use information technology, and develop an awareness of the structural and functional workings of a Native language. Prerequisite: LNOBO or demonstrated proficiency. *White Pines Only*

Science

Science, Grade 10 LDCC (SNC2L)

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the environmental impact of science and technology, to prepare students for success in everyday life, in the workplace, and in the Science Grade 11 Workplace Preparation course. Students explore a wide range of topics, including science in the media, interactions of common materials, interdependence of organisms in communities, and using electrical energy. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities. Prerequisite: None. *All schools.*

Science, Grade 10 Applied (SNC2P)

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems; chemical reactions; factors affecting climate change; and the interaction of light and matter. Prerequisite: Science, Grade 9, Academic or Applied. *All schools.*

Science, Grade 10 Academic (SNC2D)

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid-base reactions; forces that affect climate and climate change; and the interaction of light and matter. Prerequisite: Science, Grade 9, Academic. *All schools.*



Social Science and Humanities

Food and Nutrition, Grade 9 or 10 Open (HFN2O)

This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. The course provides students with opportunities to develop food preparation skills and introduces them to the use of social science research methods in the area of food and nutrition. Prerequisite: None. *All schools except Chapleau and W.C.Eaket.*

Technological Education

Communications Technology, Grade 10 Open (TGJ2O)

This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields. Prerequisite: None. *Elliot Lake, Korah and White Pines only.*

Construction Technology, Grade 10 Open (TCJ2O)

This course introduces students to building materials and processes through opportunities to design and build various construction projects. Students will learn to create and read working drawings; become familiar with common construction materials, components, and processes; and perform a variety of fabrication, assembly, and finishing operations. They will use a variety of hand and power tools and apply knowledge of imperial and metric systems of measurement, as appropriate. Students will develop an awareness of environmental and societal issues related to construction technology, and will explore secondary and postsecondary pathways leading to careers in the industry. Prerequisite: None. *All schools. In Chapleau, offered in Alternate years with TTJ2O. At Korah and Superior Heights, also offered as "Technical Skills for Females".*

Hospitality and Tourism Technology, Grade 10 (TFJ2O)

This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, and event planning, and will learn about tourism attractions across Ontario. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the tourism industry. Prerequisite: None. *Chapleau, W.C. Eaket only.*

Manufacturing Technology, Grade 10 Open (TMJ2O)

This course introduces students to the manufacturing industry by giving them an opportunity to design and fabricate products using a variety of processes, tools, and equipment. Students will learn about technical drawing, properties and preparation of materials, and manufacturing techniques. Student projects may include a robotic challenge, a design challenge, or a fabrication project involving processes such as machining, welding, vacuum forming, or injection molding. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary and postsecondary pathways leading to careers in the industry. Prerequisite: None. *CASS, Elliot Lake, Korah, Superior Heights, W.C. Eaket and White Pines.*

Technological Design, Grade 10 Open (TDJ2O)

This course provides students with opportunities to apply a design process to meet a variety of technological challenges. Students will research projects, create designs, build models and/or prototypes, and assess products and/or processes using appropriate tools, techniques, and strategies. Student projects may include designs for homes, vehicles, bridges, robotic arms, clothing, or other products. Students will develop an awareness of environmental and societal issues related to technological design, and learn about secondary and postsecondary education and training leading to careers in the field. Prerequisite: None. *Elliot Lake, Korah, and Superior Heights.*

**Transportation Technology, Grade 10 Open (TTJ20)**

This course introduces students to the service and maintenance of vehicles, aircraft, and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair techniques. Student projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the transportation industry. Prerequisite: None.

All schools except Hornepayne and W.C. Eaket. In Chapleau, offered in alternate years with TCJ20.

Hairstyling and Aesthetics, Grade 10 Open (TXJ20)

This course presents hairstyling, make-up, and nail care techniques from a salon/spa perspective. Through a variety of school and community-based activities, students learn fundamental skills in hairstyling, giving manicures and facials and providing hair/scalp analyses, and treatments. Students also consider related environmental and societal issues and explore secondary and postsecondary pathways leading to careers in the field of hairstyling and aesthetics. Prerequisite: None. *Superior Heights only.*



Grade 11

Arts

Dance, Grade 11 Open (ATC3O)

This course emphasizes the development of students' movement vocabulary relating to global dance genres, and of their understanding of the elements of dance and the tools of composition in a variety of performance situations. Students will research and explain how physical, intellectual, and artistic skills developed in dance can be applied in a wide range of careers. They will apply technologies and techniques throughout the process of creation and presentation, and reflect on how studies in the dance arts affect personal identity. Prerequisite: Dance, Grade 9 or 10, Open. *CASS, and Superior Heights only.*

Drama, Grade 11 Open (ADA3O)

This course requires students to engage in dramatic processes and the presentation of dramatic works, and emphasizes the application of drama skills in other contexts and opportunities. Students will interpret and present works in a variety of dramatic forms, create and script original works, and critically analyze the processes involved in producing dramatic works. Students will develop a variety of skills related to collaboration and the presentation of dramatic works. Prerequisite: Dramatic Arts, Grade 9 or 10, Open. *CASS (in alternate years) only.*

Drama, Grade 11 University/College Preparation (ADA3M)

This course requires students to create and perform in dramatic presentations. Students will analyze, interpret, and perform dramatic works from various cultures and time periods. Students will research various acting styles and conventions that could be used in their presentations, and analyze the functions of playwrights, directors, actors, designers, technicians, and audiences. Prerequisite: Dramatic Arts, Grade 9 or 10, Open. *Elliot Lake, Superior Heights, and White Pines only.*

Drama in the Community, Grade 11 University/College Preparation (ADC3M)

This course provides students with drama and theatre techniques that enable them to work as a cooperative group of individuals. Students will critically investigate the elements of effective collaboration with a focus on the development of ensemble. Students will build and explore a variety of drama processes and conventions to create and perform their own dramatic structures. Students will analyze, interpret, and perform dramatic works from various sources and will understand and demonstrate the functions of creative writers, directors, actors, designers, technicians, and audiences. Students explore the potential of drama to build connections within the ensemble and with the wider community beyond the classroom. Prerequisite: Dramatic Arts, Grade 9 or 10. *White Pines only.*

Instrumental Music – Band, Grade 11 University/College Preparation (AMI3M)

This course emphasizes individual performance as well as in ensemble playing. Musical styles such as jazz, classical and contemporary, will be explored in greater detail. Students will continue to further their knowledge of musical concepts and increase their music reading skills. Listening skills will be further developed and the compositional component will include using electronic instruments to write musical accompaniment. Prerequisite: AMI2O or permission of instructor. *Korah only.*

Music, Grade 11 IB Standard Level (AMI3MB)

In this course students study musical perception, engaging with familiar and unfamiliar music from a range of times, places, and cultures. Students are engaged through an active approach, developing critical thinking and participating in inquiry based learning both in individual and collaborative work. Students critically appraise music using appropriate musical terminology in the analysis of works. Elements such as duration, pitch, tonality, timbre/tone, colour, texture, dynamics, form and structure are studied. Performance based assessment is required, and students select either solo or group option. Prerequisite: 10 Enhanced Music or 10 Academic Music. *Korah only.*

Electronic Music, Grade 11 University/College Preparation (AMD3M)

This course is designed for students interested in making music recordings where they and their classmates play the instruments. Utilizing a state-of-the-art recording facility students learn the techniques of properly recording acoustic guitar, electric guitar, bass, drums and other instruments. Students then use this knowledge to create their own recordings of original and cover songs in a series of projects. Recommended prerequisite: AMG4M (Superior Heights), or any grade 9 or 10 music course (Korah). *Korah and Superior Heights only.*

**Guitar, Grade 11 University/College Preparation (AMG3M)**

This course is designed for students to continue, improve, and expand their knowledge of the guitar, technical patterns, and an understanding of chord vocabulary. The students of this course will be allowed to explore areas designed for their personal understanding. Prerequisite: Guitar, Grade 10, Open. *Elliot Lake, Korah, Superior Heights, and White Pines only.*

Piano Keyboard, Grade 11 University/College Preparation (AMK3M)

This course is for students that have completed at least one previous music course. This course will provide students in both the University and College destinations with the opportunity to learn to play increasingly complex melodies, scales, rhythmic patterns and chords in a variety of styles. Students will also have the opportunity to learn the basics of sequencer recording while composing their own music using the keyboard. Students will develop their skills in reading and performing music, and will continue their study of music theory, history and analysis. Prerequisite: Music, Grade 9 or 10 or special permission from instructor. *White Pines only.*

Music and Computers, Grade 11 University/College Preparation (AMM3M)

This course is designed for students interested in learning the art of mixing sound recordings using a wide range of digital computer tools such as compression, reverberation and parametric equalization to enhance the performances of their peers and create a top quality recording. Students utilize a state-of-the-art recording facility to apply the techniques of sound engineering in a series of projects. You do not need to play an instrument to take this course. *Korah only.*

Repertoire, Grade 11 University/College Preparation (AMR3M)

This course in Music Repertoire will provide students with the opportunity to learn an increasingly complex and extensive repertoire for their instrument or voice. They will continue to develop their sight reading, presentation, and performance skills as well as various styles through listening and analyzing selected works. Prerequisite: AMU20. *Korah, Superior Heights and White Pines only.*

Music Theatre, Grade 11 University/College Preparation (AMT3M)

This course develops students' artistic knowledge and skills through the performance of music and the preparation of music productions. Students will perform appropriate works, particularly works in contemporary popular styles. Independently and in groups, they will also plan, market, and produce music productions, making use of appropriate technology, and will evaluate the results. *Korah only.*

Music, Grade 11 Open (AMU3O)

This course develops students' musical literacy through performance and the preparation and presentation of music productions. Students will perform works at a level consistent with previous experience. Independently and collaboratively, students will use current technology and the creative and critical analysis processes to plan, produce, present, and market musical productions. Students will respond to, reflect on, and analyze music from various genres and periods, and they will develop skills transferable to other aspects of their life and their careers. Prerequisite: Music, Gr. 9 or 10, Open. *Elliot Lake, Hornepayne, and Michipicoten only*

Music, Grade 11 University/College Preparation (AMU3M)

This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analyzing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers. Prerequisite: Music, Grade 9 or 10, Open. *CASS, Elliot Lake, Hornepayne, Superior Heights, W.C. Eaket and White Pines.*

Vocal Music, Grade 11 University/College Preparation (AMV3M)

This course continues to develop and increase vocal sound quality, listening sensitivity, more advanced music reading and new styles. Prerequisite: AMV2M. *Korah, and White Pines only.*

Media Arts, Grade 11 Open (ASM3O)

This course enables students to create media art works using available and emerging technologies such as computer animation, digital imaging, and video, and a variety of media. Students will explore the elements and principles of media arts, the connections between contemporary media art works and traditional art forms, and the importance of using responsible practices when engaged in the creative process. Students will develop the skills necessary to create and interpret media art works. Prerequisite: None. *W.C. Eaket only.*

**Visual Arts, Grade 11 Open (AVI3O)**

This course focuses on studio activities in the visual arts, such as drawing, painting, sculpture, photography, printmaking, collage, and/or multimedia art. Students will use the creative process to create art works that reflect a wide range of subjects and will evaluate works using the critical analysis process. Students will also explore works of art within a personal, contemporary, historical, and cultural context. Prerequisite: Visual Arts, Grade 9 or 10, Open. *Chapleau, CASS, and Hornepayne, Michipicoten only.*

Visual Arts, Grade 11 University/College Preparation (AVI3M)

This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that may include drawing, painting, sculpting, and printmaking, as well as the creation of collage, multimedia works, and works using emergent technologies. Students will use the critical analysis process when evaluating their own work and the work of others. The course may be delivered as a comprehensive program or through a program focused on a particular art form (e.g. photography, video, computer graphics, information design). Prerequisite: Visual Arts, Grade 9 and/or 10 Open. *All schools except Chapleau and Michipicoten.*

Business

Financial Accounting Fundamentals, Grade 11 University/College Preparation (BAF3M)

This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, financial analysis, and current issues and ethics in accounting. Prerequisite: None. *Korah and Superior Heights only.*

Aboriginal Youth Entrepreneurship Program: Grade 11 College Preparation (BDI3CA)

This course focuses on ways in which entrepreneurs recognize opportunities, generate ideas, and organize resources to plan successful ventures that enable them to achieve their goals. Students will create a venture plan for a school-based or student-run business. Through hands on experience, students will have opportunities to develop the values, traits, and skills most often associated with successful entrepreneurs.

Prerequisite: NONE

Entrepreneurship: The Venture, Grade 11 College Preparation (BDI3C)

This course focuses on ways in which entrepreneurs recognize opportunities, generate ideas, and organize resources to plan successful ventures that enable them to achieve their goals. Students will create a venture plan for a student-run school-based or summer business. Through hands-on experiences, students will have opportunities to develop the values, traits, and skills most often associated with successful entrepreneurs. Prerequisite: None. *CASS, and Elliot Lake only. Also offered in e-Learning.*

Information and Communication Technology: The Digital Environment, Grade 11 Open (BTA3O)

This course prepares students for the digital environment. Using a hands-on approach, students will further develop information and communication technology skills through the use of common business software applications. The concept and operation of e-business will be explored, and students will design and create an e-business website. The skills developed in this course will prepare students for success in the workplace and/or postsecondary studies. Prerequisite: None.

CASS, Korah and Michipicoten only

Marketing: Goods, Services, Events, Grade 11 College Preparation (BMI3C)

This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. Students will examine how trends, issues, global economic changes, and information technology influence consumer buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice. Prerequisite: None. At White Pines, the primary focus will be sports and Entertainment Marketing, in the areas of amateur and professional sports, as well as the music, theatre, travel and tourism industries. Prerequisite: None *Korah and Superior Heights only.*



Canadian & World Studies

Geography

Travel and Tourism: A Geographic Perspective, Grade 11 Open (CGG3O)

This course focuses on issues related to travel and tourism within and between various regions of the world. Students will investigate unique environmental, sociocultural, economic, and political characteristics of selected world regions. They will explore travel patterns and trends as well as tensions related to tourism, and will predict future tourism destinations. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate the impact of the travel industry on natural environments and human communities. Prerequisite: Canadian Geographic Issues, Grade 9, Academic or Applied. *CASS, Korah, Michipicoten, Superior Heights and W.C. Eaket*.* **At Eaket & Michipicoten this course is offered in alternate years.*

Forces of Nature: Physical Processes and Disasters, Grade 11 University / College Preparation (CGF3M)

This course examines Earth's physical patterns and processes and how they create natural disasters and can contribute to human disasters. Students will explore how physical processes related to Earth's water, land, and air, as well as interactions between these systems, can affect the planet and its people. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate Earth's natural processes, to make predictions related to natural disasters, and to create plans to prepare for and/or respond to them. Prerequisite: Canadian Geographic Issues, Grade 9, Academic or Applied. *All schools* except Korah and White Pines.* **At Michipicoten & W.C. Eaket this course is offered in alternate years.*

Regional Geography, Grade 11 University/College Preparation (CGD3M)

This course explores interrelationships between the land and people in a selected region as well as interconnections between this region and the rest of the world. Students will explore the region's environmental, socio-economic, and cultural characteristics and will investigate issues related to natural resources, economic development and sustainability, population change, globalization, and quality of life. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate a range of geographic issues in the region. Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied *Korah Only*

History

World History Since 1900: Global and Regional Interactions, Grade 11 Open (CHT3O)

This course focuses on major developments in world history from 1900 to the present. Students will explore the causes and consequences of global and regional conflicts as well as responses to social, economic, and political developments in various countries and regions. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating historical developments and events, including those that continue to affect people in various parts of the world. Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied, or a locally developed compulsory course (LDCC). *Chapleau, Korah and White Pines only*

World History to the End of the Fifteenth Century, Grade 11 University / College Preparation (CHW3M)

This course explores the history of various societies around the world, from earliest times to around 1500 CE. Students will examine life in and the legacy of various ancient and pre-modern societies throughout the world, including those in, Africa, Asia, Europe, and the Americas. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating social, political, and economic structures and historical forces at work in various societies and in different historical eras. Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied. *Korah, Superior Heights, and White Pines.* **Elliot Lake in alternating years.*

History of the Americas, Grade 11 IB Higher Level (CHA3UB)

This course studies the US Civil War, from its origins in 1840 with slavery and cotton to its end in 1877. The second unit covers the Mexican Revolution from its origins in 1848 to its conclusion in 1940 focusing on economic, social and political causes of the revolution and its overall impact on Mexican society. The third unit of study is the Cold War and the Americas, investigating the development of conflict from a regional perspective, through the roles of various nations and leaders. Students learn important historical skills such as research and analysis to help them discover how past events shaped the region in which they live. Prerequisite: 10 Enhanced Canadian History or 10 Academic History.



Law

Understanding Canadian Law, Grade 11 University / College Preparation (CLU3M)

This course explores Canadian law, with a focus on legal issues that are relevant to the lives of people in Canada. Students will gain an understanding of rights and freedoms in Canada, our legal system, and family, contract, employment, tort, and criminal law. Students will use case studies and apply the concepts of legal thinking and the legal inquiry process to develop legal reasoning skills and to formulate and communicate informed interpretations of legal issues, and they will develop the ability to advocate for new laws. Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied. *All schools*. *At W.C. Eaket, this is offered in alternate years. Also offered in e-Learning.*

Classic and International Languages

Spanish, Grade 11 University Preparation (LWSCU)

This course offers students opportunities to further develop their knowledge of the international language and to enhance their communication skills. Students will use increasingly sophisticated language in a variety of activities that will enable them to speak and write with clarity and accuracy. Students will also enhance their thinking skills through the critical study of literature, and continue to explore aspects of the culture of countries where the language is spoken through a variety of print and technological resources. Prerequisite: International Languages, Level 2, Academic. *Superior Heights only*

Computer Studies

Introduction to Computer Science, Grade 11 University Preparation (ICS3U)

This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields. Prerequisite: None.

Korah, Superior Heights, and White Pines only. Also offered in e-Learning.

Computer Engineering Technology, Grade 11 University/College Preparation (TEJ3M)

This course examines computer systems and control of external devices. Students will assemble computers and small networks by installing and configuring appropriate hardware and software. Students will develop knowledge and skills in electronics, robotics, programming, and networks, and will build systems that use computer programs and interfaces to control and/or respond to external devices. Students will develop an awareness of environmental and societal issues related to the use of computers, and will learn about college and university programs leading to careers in computer engineering. Prerequisite: None. *Korah only.*

Introduction to Computer Programming, Grade 11 College Preparation (ICS3C)

This course introduces students to computer programming concepts and practices. Students will write and test computer programs, using various problem-solving strategies. They will learn the fundamentals of program design and apply a software development life-cycle model to a software development project. Students will also learn about computer environments and systems, and explore environmental issues related to computers, safe computing practices, emerging technologies, and postsecondary opportunities in computer-related fields. Prerequisite: None. *Korah and White Pines only. Also offered in e-Learning.*



English

Compulsory Courses

English, Grade 11 Workplace Preparation (ENG3E)

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will study the content, form, and style of a variety of contemporary informational, graphic, and literary texts; and create oral, written, and media texts in a variety of forms for practical purposes. An important focus will be on using language clearly and accurately in a variety of formal and informal contexts. The course is intended to prepare students for the compulsory Grade 12 workplace preparation course. Prerequisite: English, Grade 10, Applied or Locally Developed. *All schools.*

English, Grade 11 College Preparation (ENG3C)

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada and other countries, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity. The course is intended to prepare students for the compulsory Grade 12 college preparation course. Prerequisite: English, Grade 10, Applied. *All schools.*

English, Grade 11 University Preparation (ENG3U)

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course. Prerequisite: English, Grade 10, Academic. *All schools.*

English: Literature A, Grade 11 IB, Higher Level (ENG3UB)

Through the study of a wide range of literature, students are encouraged to appreciate the artistry of literature and develop an ability to reflect critically on texts. Works are studied in literary and cultural context, through close study, and through a range of critical lenses. In view of the international nature of IB and its commitment to intercultural understanding, this course includes a study of works in translation, important in introducing students to other cultural perspectives. The response to the study of literature is through oral and written communication, thus enabling students to develop and refine their command of language. Prerequisite: 10 Enhanced English or 10 Academic English. *Korah only.*

Optional Courses

Media Studies, Grade 11 Open (EMS3O)

This course emphasizes knowledge and skills that will enable students to understand media communication in the twenty-first century and to use media effectively and responsibly. Through analyzing the forms and messages of a variety of media works and audience responses to them, and through creating their own media works, students will develop critical thinking skills, aesthetic and ethical judgment, and skills in viewing, representing, listening, speaking, reading, and writing. Prerequisite: English, Grade 10, Academic or Applied. *Chapleau, Hornepayne, Michipicoten and W.C. Eaket only.*

Contemporary Aboriginal Voices, Grade 11, College Preparation (NBE3C1)

See description under Native Studies and Languages Prerequisite: English, Grade 10, Academic or Applied. *Michipicoten, and White Pines only*



French As a Second Language

Core French, Grade 11 University Preparation (FSF3U)

This course provides opportunities for students to consolidate the communication skills required to speak and interact with increasing confidence and accuracy in French in a variety of academic and social contexts. Students will apply language-learning strategies while exploring a variety of concrete and abstract topics, and will increase their knowledge of the language through the study of French literature from around the world. They will also continue to deepen their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary to become life-long language learners. Prerequisite: French Immersion, Grade 10, Academic. *All schools except Chapleau. * At Superior Heights this course will continue to prepare students for the Advanced Placement (AP) program examinations.*

Core French, Grade 11 Open (FSF3O)

This course provides opportunities for students to speak and interact in French in real-life situations. Students will develop their ability to communicate, making connections to previous experiences and using newly acquired skills in listening, speaking, reading, and writing. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. Prerequisite: Core French, Grade 10, Academic, Applied, or Open. *Hornepayne only.*

French Immersion, Grade 11 University Preparation (FIF3U)

This course develops knowledge and language skills through the study of francophone literature and culture from around the world. Students will study novels, plays, poems, short stories, films, and non-fiction works and produce written assignments in a variety of forms, including critiques and précis. They will also write a formal research essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course. Prerequisite: French Immersion, Grade 10, Academic. *Superior Heights only. * At Superior Heights this course will continue to prepare students for the Advanced Placement (AP) program examinations.*

French B, Grade 11 1B, Standard Level (FSF3UB)

This is a language acquisition course intended for students who have some background in French as a second language. Students develop language skills as well as an intercultural understanding through the exposure to a variety of written and spoken material related to French culture. During this year, students concentrate on core areas of study in global issues and health. A variety of written styles are studied including blogs, journals and letters; students master each and chose one form to present their own work. Prerequisite: 10 Enhanced French or 10 Academic French. *Korah only.*

Guidance & Career Education

Creating Opportunities through Co-op, Grade 11, Open (DCO3O)

This course consists of a community-connected experience and a cooperative education curriculum focused on developing skills, knowledge, and habits of mind that will support students in their learning at school and beyond, today and in the future, as well as in their education and career/life planning. Within the context of the community-connected experience, students will apply skills, knowledge, and habits of mind that will protect and promote their health, safety, and well-being and that will strengthen their inquiry, decision-making, and leadership skills. Students will create and implement a learning plan that meets their particular interests and needs, reflect on their learning, and make connections between their experience in the community and other aspects of their lives. All Schools Prerequisite: None

Designing Your Future, Grade 11 Open (GWL3O)

This course prepares students to make successful transitions to postsecondary destinations as they investigate specific postsecondary options based on their skills, interests, and personal characteristics. Students will explore the realities and opportunities of the workplace and examine factors that affect success, while refining their job search and employability skills. Students will expand their portfolios with a focus on their targeted destination and develop an action plan for future success. Prerequisite: Career Studies, Grade 10, Open. *Chapleau, Elliot Lake ***, Hornepayne*, Michipicoten and W.C. Eaket**.* **At Hornepayne, students must also sign up for GWL3OC. ** At W.C. Eaket, this is one credit of a 3-credit cooperative education package. ***At Elliot Lake this is one credit of a 3 credit cooperative education package.*



Leadership and Peer Support, Grade 11 Open (GPP30)

This course prepares students to act in leadership and peer support roles. They will design and implement a plan for contributing to their school and/or community; develop skills in communication, interpersonal relations, teamwork, and conflict management; and apply those skills in leadership and/or peer support roles – for example, as a student council member or a peer tutor. Students will examine group dynamics and learn the value of diversity within groups and communities. Prerequisite: Career Studies, Grade 10, Open. *Elliot Lake, Michipicoten, and Hornepayne only. Also offered in e-Learning*

Health and Physical Education

Personal and Fitness Activities Grade 11 Open (PAF30)

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety.

Prerequisite: None. *CASS, Elliot Lake, Korah, Superior Heights and White Pines.*

Outdoor Activities, Grade 11 Open (PAD30)

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of outdoor activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others. Prerequisite: None.

Chapleau, Hornepayne, Korah, and Michipicoten only.

Focused Physical Education, (Football Concepts) Grade 11 Open (PAL30M)

This course focuses on the development of a healthy lifestyle and participation in football that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety. Students will demonstrate an understanding of many aspects of football including, skills, techniques, strategies, training, physical and mental preparation as well as performance critique and reflection. Prerequisite: None. *Superior Heights only.*

Healthy Active Living Education, Grade 11 Open (PPL30)

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety.

Prerequisite: None. *All schools. May also be offered as PPL30M (Boys' Physical Education) or PPL30F (Girls' Physical Education).*

Health for Life, Grade 11 College Preparation (PPZ3C)

This course enables students to examine the factors that influence their own health practices and behaviours as well as those factors that contribute to the development of healthy communities. It emphasizes the concept of wellness, which addresses all aspects of well-being – physical, cognitive, emotional, spiritual, and social – and promotes healthy eating, physical activity, and building and maintaining a positive sense of self. Students will develop the skills necessary to make healthy choices and create a personal wellness plan. They will also design initiatives that encourage others to lead healthy, active lives. The course prepares students for college programs in health sciences, fitness, wellness, and health promotion. Prerequisite: None. *White Pines and W.C. Eaket only.*



Interdisciplinary Studies

Communications Technology: Yearbook Focus, Grade 11 Open (IDC30)

This course examines communications technology with a yearbook focus. Students will develop knowledge and skills as they design and produce a yearbook. Areas of focus include print and graphic communications; photography; and digital imaging. Students will also develop an awareness of related environmental and societal issues and explore post-secondary programs and career opportunities in various communications technology fields. Prerequisite: None. *Superior Heights only.*

Digital Social Media, Grade 11 Open (IDC30)

This course will help students create informative media and electronic products for school and community audiences in diverse formats (e.g., twitter, Instagram, YouTube, blogging, web pages). Students will investigate sources of information and compare differing perspectives on key issues, developing both a sense of news and news judgment. They will also learn editorial conventions and practices, principles of a variety of social media formats and web design, and management skills, and will explore legal and ethical uses of information that is made public. Specifically, students will create and manage the school VLE site, Webpage, Twitter account, Instagram and other social media outlets. Prerequisite: None. *Korah only.*

Mathematics

Mathematics for Work and Everyday Life, Grade 11 Workplace Preparation (MEL3E)

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Prerequisite: Principles of Mathematics, Grade 9, Academic, or Foundations of Mathematics, Grade 9, Applied, or a ministry-approved locally developed Grade 10 mathematics course. *All schools*

Foundations for College Mathematics, Grade 11 College Preparation (MBF3C)

This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations, as well as of measurement and geometry; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; and develop their ability to reason by collecting, analyzing, and evaluating data involving one and two variables. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Prerequisite: Foundations of Mathematics, Grade 10, Applied. *All schools.*

Functions and Applications, Grade 11 University/College Preparation (MCF3M)

This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modeling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to financial and trigonometric applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems. Prerequisite: Principles of Mathematics, Grade 10, Academic, or Foundations of Mathematics, Grade 10, Applied. *All schools except Chapleau, Elliot Lake, Michipicoten, and W.C. Eaket. Also offered in e-Learning.*

Functions, Grade 11 University Preparation (MCR3U)

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; and develop facility in simplifying polynomial and rational expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems. Prerequisite: Principles of Mathematics, Grade 10, Academic. *All schools. Also offered in e-Learning.*

**Mathematics: analysis and approaches, Grade 11 IB Standard Level (MHF4UB)**

This course introduces important mathematical concepts through the development of mathematical techniques. Students apply mathematical knowledge to solve realistic problems set in an appropriate context. A math exploration assignment offers students the opportunity to develop independence in their mathematical learning. Students take a considered approach to various mathematical activities and explore different mathematical ideas. The exploration allows students to work without the time constraints of a written examination and develop the skills needed for communicating mathematical ideas. Topics of study include: polynomial and rational functions, logarithmic functions, bivariate analysis, probability, statistics, and rates of change. Prerequisite: 11 IB or 11 Academic Functions. *Korah only*

Native Studies and Languages

Contemporary Aboriginal Voices, Grade 11, College Preparation (NBE3C1)

This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Students will study the content, form, and style of informational texts and literary and media works, and will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also write reports, correspondence, and persuasive essays, and analyse the relationship between media forms and audiences. An important focus will be on establishing appropriate voice and using business and technical language with precision and clarity. Prerequisite: English, Grade 10, Academic or Applied. *Michipicoten, and White Pines only*

Beliefs, Values and Aspirations of Aboriginal Peoples in Contemporary Society, Grade 11 College Preparation (NBV3C)

This course focuses on the diverse beliefs, values, and aspirations between First Nations, Métis, and Inuit peoples of Canada and the political, economic, cultural and social challenges facing Aboriginal individuals and communities from various regions and cultures. By examining their own beliefs, values and assumptions, the worldviews of others and factors that influence world views, students will appreciate how traditional and contemporary beliefs and values influence present and future aspirations of Aboriginal peoples. Prerequisite: Grade 10 First Nations, Métis, and Inuit Peoples in Canada, Open, or Grade 10 Canadian History Since World War I, Academic or Applied. *Korah, W.C. Eaket, Elliot Lake, CASS, Michipicoten, and White Pines only. Also offered in e-Learning.*

Beliefs, Values and Aspirations of Aboriginal Peoples in Contemporary Society, Grade 11 Workplace Preparation (NBV3E)

This course focuses on the diverse beliefs, values, and aspirations between First Nations, Métis, and Inuit peoples of Canada. Students will examine issues of identity facing Aboriginal individuals and communities in connection to changing relationships with the land, nature, one another and Canada. By examining their own worldview and investigating factors that influence perspectives over time, students will develop their understanding of how traditional and contemporary beliefs and values influence present and future aspirations of Aboriginal peoples. Prerequisite Grade 10 First Nations, Métis, and Inuit Peoples in Canada, Open, or Grade 10 Canadian History Since World War I, Academic or Applied. *Chapleau, CASS, Elliot Lake only.*

Current Aboriginal Issues in Canada, Grade 11 University/College Preparation (NDA3M)

This course focuses on existing and emerging issues of national and regional importance of concern to Aboriginal peoples in Canada. Students will analyze diverse perspectives from a variety of sources such as media, academic works and public opinion polls on events and developments related to land, community, governance, identity and culture. Using political thinking concepts and the political inquiry process students will explore their own and others' ideas, investigate an issue to determine what needs to change, why and appropriate problem-solving strategies. Prerequisite: Grade 10 First Nations, Métis, and Inuit Peoples in Canada, Open, or Grade 10 Canadian History Since World War I, Academic or Applied. *Superior Heights only.*

Ojibwe, Grade 11 Open (LNODO)

This course will provide students with opportunities to further develop their knowledge of a Native language and of Native philosophy, spirituality, and values, and to enhance their sense of identity and self-worth. Students will increase their vocabulary and improve their facility in using idioms, and will use the Native language to analyse literature, discuss various issues that affect the local community, and exchange information electronically. Prerequisite: LNOCO or demonstrated proficiency. *White Pines Only*



Science

Biology, Grade 11 College Preparation (SBI3C)

This course focuses on the processes that occur in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields. Prerequisite: Science, Grade 10, Academic or Applied. *All schools.*

Biology, Grade 11 University Preparation (SBI3U)

This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation. Prerequisite: Science, Grade 10, Academic. *All schools.*

Biology, Grade 11 IB Standard/Higher Level (SBI3UB)

This course studies the relationship of structure and function at many levels of complexity. Students study cell biology, genetics, biotechnology, and human physiology (digestion, circulation, gas exchange, neurons and synapses, hormones, homeostasis, and reproduction). Students learn how scientists work and communicate with each other, with an emphasis on a practical approach through experimental work. Students design investigations, collect data, develop manipulative skills, analyse results, collaborate with peers and evaluate and communicate their findings. The individual investigation may involve a hands-on approach, use of data-bases, modelling, simulation or a hybrid. Prerequisite: Grade 10 Enhanced Science or Academic Science. *Korah only*

Chemistry, Grade 11 University Preparation (SCH3U)

This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment. Prerequisite: Science, Grade 10, Academic. *All schools. Offered alternate years in Hornepayne & Michipicoten.*

Chemistry, Grade 11 IB Standard/Higher Level (SCH3UB)

This course introduces important concepts, combining academic study with the acquisition of practical and investigational skills. Students demonstrate and apply knowledge of chemical facts, concepts and terminology, chemical methodologies and techniques, and methods of communicating information. They analyze and evaluate hypotheses, research questions and predictions, and formulate scientific explanations. Students demonstrate laboratory skills necessary to carry out insightful and ethical investigations. Topics include: stoichiometric relationships, atomic theory, periodicity, chemical bonding and structure, acids and bases, redox processes, measurement and data processing and analysis, and the scientific method. Prerequisite: 10 Enhanced Science or 10 Academic Science. *Korah only.*

Environmental Science, Grade 11 Workplace Preparation (SVN3E)

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in work and life after secondary school. Students will explore a range of topics, including the impact of human activities on the environment; human health and the environment; energy conservation; resource science and management; and safety and environmental responsibility in the workplace. Emphasis is placed on relevant, practical applications and current topics in environmental science, with attention to the refinement of students' literacy and mathematical literacy skills as well as the development of their scientific and environmental literacy. Prerequisite: Science, Grade 9, Academic or Applied, or a Grade 9 or 10 locally developed compulsory credit (LDCC) course in science. *CASS, Chapleau, Superior Heights, White Pines, and W.C. Eaket*

Environmental Science, Grade 11 University/College Preparation (SVN3M)

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in life after secondary school. Students will explore a range of topics, including the role of science in addressing contemporary environmental challenges; the impact of the environment on human health; sustainable agriculture and forestry; the reduction and management of waste; and the conservation of energy. Students will increase their scientific and environmental literacy and examine the interrelationships between science, the environment, and society in a variety of areas. Prerequisite: Science, Grade 10, Applied or Academic. *Chapleau, Hornepayne, Korah and White Pines. Also offered in e-Learning.*



Physics, Grade 11 University Preparation (SPH3U)

This course develops students' understanding of the basic concepts of physics. Students will study the laws of dynamics and explore different kinds of forces, the quantification and forms of energy (mechanical, sound, light, thermal, and electrical), and the way energy is transformed and transmitted. They will develop scientific-inquiry skills as they verify accepted laws and solve both assigned problems and those emerging from their investigations. Students will also analyze the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment. Prerequisite: Science, Grade 10, Academic. *All schools. Offered at Hornepayne & Michipicoten in alternate years.*

Physics, Grade 11 IB Standard Level (SPH3UB)

IB Physics SL is a 2-year course designed to introduce students to the laws of physics, the experimental skills required in physics, and the social and historical aspects of physics as an evolving body of knowledge.

Year 1 course topics include: measurement and uncertainties; mechanics; waves; electricity and magnetism; and circular motion and gravitation. This course will develop students' experimental and investigative scientific skills.

Students will also analyze the interrelationships between physics and technology; and consider the impact of technological applications of physics on society and the environment.

Prerequisite: Science, Grade 10, Enhanced Science or 10 Academic Science. *Korah only.*

Social Science and Humanities

Family Studies

Dynamics of Human Relationships, Grade 11 Open (HHD3O)

This course focuses on helping students understand the individual and group factors that contribute to healthy relationships. Students will examine the connections between their own self-concept and their interpersonal relationships. They will learn and practice strategies for developing and maintaining healthy relationships with friends, family, and community members, as well as with partners in intimate relationships. Students will use research and inquiry skills to investigate topics related to healthy relationships. Prerequisite: None. *White Pines only, offered in alternate years.*

Understanding Fashion, Grade 11 College Preparation (HNC3C)

This course introduces students to the world of fashion. Students will gain an understanding of theories related to fashion trends and of how culture, media, fashion cycles, retailing, and social and environmental factors influence fashion trends and consumer behaviour. Students will use various tools, technologies, and techniques safely and correctly to create fashion items. They will apply knowledge of fibres, fabrics, and the elements and principles of design when creating and assessing fashion-related products. Students will develop research skills as they investigate topics related to fashion. Prerequisite: None. *Superior Heights only.*

Raising Healthy Children, Grade 11 Open (HPC3O)

This course focuses on the skills and knowledge parents, guardians, and caregivers need, with particular emphasis on maternal health, pregnancy, birth, and the early years of human development (birth to six years old). Through study and practical experience, students will learn how to meet the developmental needs of young children, communicate with them, and effectively guide their early behaviour. Students will develop their research skills through investigations related to caregiving and child rearing. Prerequisite: None. *All schools except Hornepayne, Michipicoten, and Korah. *At White Pines, offered in alternate years.*

Working with Infants and Young Children, Grade 11 College Preparation (HPW3C)

This course prepares students for occupations involving children from birth to six years of age. Students will study theories about child behaviour and development, and will have opportunities for research and observation and for practical experiences with young children. Students will become familiar with occupational opportunities and requirements related to working with infants and young children. They will also have opportunities to develop research and critical-thinking skills as they investigate and evaluate current research about early childhood education. Prerequisite: None. *Korah and Michipicoten only. * At Michipicoten in alternate years.*

Food and Culture, Grade 11 Workplace Preparation (HFC3E)

This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will demonstrate the ability to cook with ingredients and equipment from a range of cultures, describe food-related etiquette in a variety of countries and cultures, and explore ways in which Canadian food choices *and* traditions have been influenced by other cultures. Students will have opportunities to develop practical skills and apply research skills as they investigate foods and food practices from around the world. Prerequisite: None. *Korah and White Pines only.*



Food and Culture, Grade 11 University/College Preparation (HFC3M)

This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will explore the origins of and developments in diverse food traditions. They will demonstrate the ability to cook with ingredients and equipment from a variety of cultures, compare food-related etiquette in many countries and cultures, and explain how Canadian food choices and traditions have been influenced by other cultures. Students will develop practical skills and apply social science research methods while investigating foods and food practices from around the world. Prerequisite: None. *Superior Heights & White Pines only.*

General Social Science

Introduction to Anthropology, Psychology, and Sociology, Grade 11 University Preparation (HSP3U)

This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students will develop an understanding of the approaches and research methods used by social scientists. They will be given opportunities to explore theories from a variety of perspectives, to conduct social science, and to become familiar with current thinking on a range of issues within the three disciplines. Prerequisite: The Grade 10 academic course in English or the Grade 10 academic history course (Canadian and world studies). *CASS, Elliot Lake, Superior Heights and White Pines. *At W.C. Eaket & Michipicoten, this is offered in alternate years.*

Psychology, Grade 11 IB Standard Level (HSP3UB)

This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students are encouraged to systematically and critically study human experience, behavior and environments. They will develop the capacity to identify, analyse critically and evaluate theories, concepts and arguments about the nature and activities of the individual and society. They will be given opportunities to explore theories from a variety of perspectives, and to collect, describe and analyse data used in social science, and to evaluate and become familiar with current thinking on a range of issues within the three disciplines. Prerequisite: The Grade 10 Enhanced Learning course in English or the Grade 10 Learning History course. *Korah only*

Introduction to Anthropology, Psychology, and Sociology, Grade 11 College Preparation (HSP3C)

This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students learn about approaches and research methods used by social scientists. They will be given opportunities to apply theories from a variety of perspectives, to conduct social science research, and to become familiar with current issues within the three disciplines. Prerequisite: None. *CASS, Elliot Lake, Michipicoten, W.C. Eaket and White Pines. *At Michipicoten, this is offered in alternate years.*

Philosophy

Philosophy: The Big Questions, Grade 11 University/College Preparation (HZB3M)

This course encourages exploration of philosophy's big questions, such as: What is a meaningful life? What separates right from wrong? What constitutes knowledge? What makes something beautiful? What is a just society? Students will develop critical thinking and philosophical reasoning skills as they identify and analyze the responses of philosophers to the big questions and formulate their own response to them. Students will explore the relevance of philosophical questions to society and to their everyday life. They will develop research and inquiry skills as they investigate various topics in philosophy. Prerequisite: None. *Korah only.*



Technological Education

Culinary Arts and Management, Grade 11 College (TFR3C)

This course enables students to develop or expand knowledge and skills related to hospitality and tourism, as reflected in the various sectors of the tourism industry. Students will learn about preparing and presenting food, evaluating facilities, controlling inventory, and marketing and managing events and activities, and will investigate customer service principles and the cultural and economic forces that drive tourism trends. Students will develop an awareness of health and safety standards, environmental and societal issues, and career opportunities in the tourism industry. This course provides an emphasis on Culinary Arts and Management. Prerequisite: None (HFN2O is strongly recommended). *Elliot Lake and Superior Heights only.*

Communications Technology: Broadcast and Print Production, Grade 11 Open (TGJ3O)

This course enables students to develop knowledge and skills in the areas of graphic communication, printing and publishing, audio and video production, and broadcast journalism. Students will work both independently and as part of a production team to design and produce media products in a project-driven environment. Practical projects may include the making of signs, yearbooks, video and/or audio productions, newscasts, and documentaries. Students will also develop an awareness of related environmental and societal issues and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields. Prerequisite: None. *Chapleau only*

Communications Technology, Grade 11 University/College Preparation (TGJ3M)

This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields.

Prerequisite: None. *All schools except Hornepayne, Chapleau and W.C. Eaket. Also offered in e-Learning.*

Communications Technology: Yearbook Focus, Grade 11 University/College Preparation (TGG3M)

This course examines communications technology with a yearbook focus. Students will develop knowledge and skills as they design and produce a yearbook. Areas of focus include print and graphic communications; photography; and digital imaging. Students will also develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields. Prerequisite: None. *Korah only.*

Communication Technology: Photography and Digital Imaging, Grade 11 University/College Preparation (TGP3M)

This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields. The focus of this course will be a hands-on photography program which blends traditional processes with the latest digital technologies; the photography curriculum will provide all the tools necessary for aspiring artists/photographers to achieve a wide variety of skills.

Prerequisite: None. *Korah only.*

Construction Technology, Grade 11 Workplace Preparation (TCJ3E)

This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain hands on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills as they develop construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and explore postsecondary and career opportunities in the field. Prerequisite: None. *CASS, Hornepayne, and White Pines only.*

Construction Engineering Technology, Grade 11 College Preparation (TCJ3C)

This course focuses on the development of knowledge and skills related to residential construction. Students will gain hands on experience using a variety of construction materials, processes, tools, and equipment; learn about building design and planning construction projects; create and interpret working drawings and sections; and learn how the Ontario Building Code and other regulations and standards apply to construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and explore career opportunities in the field. Prerequisite: None.

All schools except Chapleau. Korah offers a section of this course for females only.



Custom Woodworking, Grade 11 Workplace Preparation (TWJ3E)

This course enables senior female students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation. Prerequisite: None. *Korah only.*

Hairstyling and Aesthetics, Grade 11 Workplace Preparation (TXJ3E)

This course enables students to develop knowledge and skills in cosmetology and offers a variety of applications that will equip students to provide services for a diverse clientele. Students identify trends in the hairstyling and aesthetics industry, learn about related health and safety laws, and expand their communication and interpersonal skills through interactions with peers and clients. Students consider environmental and societal issues related to the industry and acquire a more detailed knowledge of apprenticeships and direct-entry work positions. Prerequisite: None. *Superior Heights only.*

Health Care, Grade 11 College Preparation (TPJ3C)

This course focuses on the development of knowledge and skills that will benefit students planning a career in the health care field. Students will learn about human anatomy and physiology, homeostasis, vital signs, disease prevention and treatment, how lifestyle choices affect health and well-being, and conventional and complementary methods of disease prevention and treatment. Students will develop an awareness of health and safety issues, environmental and societal issues related to health care, and career opportunities in the field. Prerequisite: None. *Superior Heights only.*

Hospitality and Tourism, Grade 11 College (TFJ3C)

This course enables students to develop or expand knowledge and skills related to hospitality and tourism, as reflected in the various sectors of the tourism industry. Students will learn about preparing and presenting food, evaluating facilities, controlling inventory, and marketing and managing events and activities, and will investigate customer service principles and the cultural and economic forces that drive tourism trends. Students will develop an awareness of health and safety standards, environmental and societal issues, and career opportunities in the tourism industry. Prerequisite: None. *Elliot Lake and W. C. Eaket. *Michipicoten offered in alternate years*

Hospitality and Tourism, Grade 11 Workplace Preparation (TFJ3E)

This course enables students to acquire knowledge and skills related to the food and beverage services sector of the tourism industry. Students will learn how to prepare, present, and serve food using a variety of tools and equipment and will develop an understanding of the fundamentals of providing high quality service to ensure customer satisfaction and the components of running a successful event or activity. Students will develop an awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector. Prerequisite: None. *Elliot Lake and Chapleau only.*

Manufacturing Technology, Grade 11 Workplace Preparation (TMJ3E)

This hands-on, project-based course is designed for students planning to enter an occupation or apprenticeship in manufacturing directly after graduation. Students will work on a variety of manufacturing projects, developing knowledge and skills in design, fabrication, and problem solving and using tools and equipment such as engine lathes, milling machines, and welding machines. In addition, students may have the opportunity to acquire industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary school pathways that lead to careers in the industry. Prerequisite: None. *CASS, Korah, and W.C. Eaket only.*

Manufacturing Engineering Technology, Grade 11 University/College Preparation (TMJ3M)

This course enables students to develop knowledge and skills related to design, process planning, control systems, and quality assurance. Students will use a broad range of tools and equipment and will combine modern manufacturing techniques and processes with computer-aided manufacturing as they develop critical decision-making, problem-solving, and project-management skills. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry. Prerequisite: None. Korah only.

Manufacturing Engineering Technology, Grade 11 College Preparation (TMJ3C)

This course enables students to develop knowledge and skills through hands-on, project-based learning. Students will acquire design, fabrication, and problem-solving skills while using tools and equipment such as lathes, mills, welders, computer-aided machines, robots, and control systems. Students may have opportunities to obtain industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry. Prerequisite: None. CASS, Elliot Lake, Korah, Superior Heights, W.C. Eaket and White Pines.

Manufacturing Technology: Welding Technician Grade 11 College Preparation (TMY3C)

This course enables students to develop welding knowledge and skills through hands-on, project-based learning. Students will acquire design, fabrication, and problem-solving skills while using tools and equipment such as lathes, mills, welders, computer-aided machines, robots, and control systems. Students may have opportunities to obtain industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry. Prerequisite: None. Korah only - recommended for SHSM Manufacturing students.

Manufacturing Technology: Welding, Grade 11 Workplace Preparation (TMW3E)

This hands-on, project-based course is designed for students planning to enter an occupation or apprenticeship in welding directly after graduation. Students will work on a variety of welding projects, developing knowledge and skills in design, fabrication, and problem solving and using tools and equipment such as welding machines. In addition, students may have the opportunity to acquire industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary school pathways that lead to careers in welding. Prerequisite: None. White Pines only.

Technological Design, Grade 11 University/College Preparation (TDJ3M)

This course examines how technological design is influenced by human, environmental, financial, and material requirements and resources. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field, as well as the college and/or university program requirements for them. Prerequisite: None. Chapleau, Korah, Superior Heights and White Pines only.

Technological Design: Robotics and Control System Design, Grade 11 University/College (TDR3M)

This course focuses on robotics and control system design. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field, as well as the college and/or university program requirements for them. Prerequisite: None. Korah only.

Transportation Technology: Vehicle Ownership, Grade 11 Open (TTJ3O)

This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation and will learn about apprenticeship and college programs leading to careers in the transportation industry. Prerequisite: None. CASS and Michipicoten only.

Transportation Technology, Grade 11 College Preparation (TTJ3C)

This course examines the infrastructure required for the operation of land, air, and/or marine vehicles. Students will design, construct, and modify vehicles, and apply safe work practices and procedures using current technology. They will also develop effective communication and teamwork skills when developing solutions to managing vehicle support systems; investigate the educational requirements for career opportunities in the transportation sector; and analyze the impact of transportation technology on society and the environment. Prerequisite: None (Recommended: TTJ20). All schools except Chapleau and Hornepayne, and W.C. Eaket.



Grade 12

Arts

Drama, Grade 12 University/College Preparation (ADA4M)

This course requires students to experiment individually and collaboratively with forms and conventions of both drama and theatre from various cultures and time periods. Students will interpret dramatic literature and other text and media sources while learning about various theories of directing and acting. Students will examine the significance of dramatic arts in various cultures, and will analyze how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school. Prerequisite: Dramatic Arts, Grade 11, University/College Preparation or Open. *Elliot Lake, Superior Heights and White Pines only.*

Drama in the Community, Grade 12 University/College Preparation (ADC4M)

This course provides students with drama and theatre techniques that enable them to work as a cooperative group of individuals. Students will critically investigate the elements of effective collaboration with a focus on the development of ensemble. Students will build and explore a variety of drama processes and conventions to create and perform their own dramatic structures. Students will analyze, interpret, and perform dramatic works from various sources and will understand and demonstrate the functions of creative writers, directors, actors, designers, technicians, and audiences. Students explore the potential of drama to build connections within the ensemble and with the wider community beyond the classroom. Prerequisite: ADA3M, ADC3M. *White Pines only.*

Electronic Music, Grade 12 University/College Preparation (AMD4M)

This course provides an opportunity for the young musician to advance their recording techniques to a new level. Topics to be explored include: advanced microphone technique in the selection of microphone types and their placement with amplifiers, vocalists and drums; tone colours and arranging within a piece of recorded music and the role of the various frequency ranges in recording. Utilizing a state-of-the-art recording facility students then apply these techniques in a series of projects. Prerequisite: AMD3M. *Superior Heights and Korah only.*

Guitar, Grade 12 University/College Preparation (AMG4M)

This course is designed for students to continue, improve, and expand their knowledge of the guitar, technical patterns, and an understanding of chord vocabulary. The students of this course will be allowed to explore areas designed for their personal understanding. Prerequisite: Guitar, Grade 11 University/College Preparation. *Elliot Lake, Korah, Superior Heights, and White Pines only.*

Keyboard Music, Grade 12 University/College Preparation (AMK4M)

This course in keyboard music will provide students in both the University and College destinations with the opportunity to learn to play increasingly complex melodies, scales, rhythmic patterns and chords in a variety of styles. Students will also have the opportunity to build on their knowledge of composing and arranging using the keyboard and computer. Students will further develop their skills in reading and performing music, and continue their study of music theory, history, and analysis. Prerequisite: Piano Keyboard, Grade 11 University/College Preparation. *White Pines only.*

Music and Computers, Grade 12 University/College Preparation (AMM4M)

This course provides an opportunity for the sound engineer to advance their music production techniques to a new level. Topics to be explored include: advanced use of compression, reverberation, parametric equalization and other effects, bussing and routing of signals, advanced editing techniques and automated mixing tools. Utilizing a state-of-the-art recording facility students then apply these techniques in a series of projects. Prerequisite: AMM3M. *Korah only.*

Instrumental Music – Band, Grade 12 University/College Preparation (AMI4M)

This course emphasizes individual performance as well as in ensemble playing. Musical styles such as jazz, classical and contemporary, will be explored in greater detail. Students will continue to further their knowledge of musical concepts and increase their music reading skills. Listening skills will be further developed and the compositional component will include using electronic instruments to write musical accompaniment. Prerequisite: AMI3M or permission of instructor. *Korah only.*



Music, Grade 12 IB Standard Level (AMI4MB)

In this course students study musical perception, engaging with familiar and unfamiliar music from a range of times, places, and cultures. Students become increasingly responsible for their own learning, developing critical thinking and participating in inquiry based learning both in individual and collaborative work. Students critique music using appropriate musical terminology in the analysis of works. Elements such as duration, pitch, tonality, timbre/tone colour, texture, dynamics, form and structure are studied. Performance based assessment is required, and students select either solo or group option. Prerequisite: 11 IB Music. *Korah only.*

Repertoire, Grade 12 University/College Preparation (AMR4M)

This course in Music Repertoire will provide students with the opportunity to learn an increasingly complex and extensive repertoire for their instrument or voice. They will continue to develop their sight reading, presentation, and performance skills as well as various styles through listening and analyzing selected works. Prerequisite: AMR3M. *White Pines, Superior Heights, and Korah only.*

Musical Theatre, University/College Preparation (AMT4M)

If you would like to express yourself on the stage or as part of a musical production (pit musician, lights, sound, stage, technical), then this is the course for you. Students interested in acting should be prepared to take on a role that involves both singing and speaking. Typical pit band instruments include keyboard, percussion, bass, guitar, trumpet, trombone, saxophone, clarinet, and flute. Other duties will include stage manager and sound and light manager. While staging a production you will learn all the elements of mounting a successful production including set design/construction, rehearsal techniques, promotion/marketing, and of course, performance. Prerequisite: None. *Korah only*

Music, Grade 12 University/College Preparation (AMU4M)

This course emphasizes the appreciation, analysis, and performance of music from the romantic period and the twentieth century, including art music, jazz, popular music, and Canadian and non-Western music. Students will concentrate on developing interpretive skills and the ability to work independently. They will also complete complex creative projects. Prerequisite: Music, Grade 11, University/College Preparation or Open. *CASS, Elliot Lake, Superior Heights, W.C. Eaket, and White Pines.*

Dance, Grade 12 University/College Preparation (ATC4M)

This course emphasizes the development of students' technical proficiency, fluency in the language of movement in global dance genres, and understanding of the dance sciences. Students will explain the social, cultural, and historical contexts of dance; apply the creative process through the art of dance in a variety of ways; and exhibit an understanding of the purpose and possibilities of continuing engagement in the arts as a lifelong learner. Prerequisite: Dance, Grade 11, University/College Preparation or Open.

Vocal Music, Grade 12 University/College Preparation (AMV4M)

This course allows student to share their expertise as a section leader in large group singing while having more opportunities for small group and solo singing. As in previous vocal classes, you will continue to develop you vocal technique, applying your singing skills to more advanced music. Prerequisite: AMV3M. *Korah and White Pines only.*

Visual Arts, Grade 12 University/College Preparation (AVI4M)

This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. Prerequisite: AVI3M. *All schools except Chapleau and Michipicoten*

**Financial Accounting Principles, Grade 12 University/College Preparation (BAT4M)**

This course introduces students to advanced accounting principles that will prepare them for postsecondary studies in business. Students will learn about financial statements for various forms of business ownership and how those statements are interpreted in making business decisions. This course further develops accounting methods for assets and introduces accounting for partnerships, corporations, and sources of financing. Prerequisite: Financial Accounting Fundamentals, Grade 11, University/College Preparation. *Korah, Superior Heights, and White Pines only. Also offered in e-Learning.*

Information and Communication Technology: Multimedia Solutions, Grade 12 College Preparation (BTX4C)

This course provides students with the opportunity to apply their information and communication technology skills while working in a team environment. Through a project-based approach, students will have opportunities to integrate common business software applications and apply multimedia techniques. Students will further develop their understanding of electronic business and e-commerce environments. The skills acquired in this course will prepare students for success in postsecondary studies and in their future careers. Prerequisite: Information and Communication Technology: The Digital Environment, Grade 11, Open. *CASS, Korah and White Pines only.*

Business Leadership: Management Fundamentals, Grade 12 University/College Preparation (BOH4M)

This course focuses on the development of leadership skills used in managing a successful business. Students will analyze the role of a leader in business with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility will be emphasized throughout the course. Prerequisite: Any university, university/college, or college preparation course in business studies, English, or Canadian and world studies. *Korah only. Also offered in e-Learning.*

International Business Fundamentals, Grade 12 University/College Preparation (BBB4M)

This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. Students will learn about the techniques and strategies associated with marketing, distribution, and managing international business effectively. This course prepares students for postsecondary programs in business, including international business, marketing, and management. Prerequisite: None. *Korah only.*

Entrepreneurial Studies: Venture Planning, Grade 12 College Preparation (BDV4C)

This course focuses on the application of entrepreneurial characteristics and skills. Students will learn how to develop a venture plan. In making the plan, they will consider available resources, analyse the potential market based, identify legal requirements and available financing, evaluate all aspects of the plan, and identify the management skills and technology that would be required in carrying out their plan. Prerequisite: BDI3C. *Korah only.*

Digital Social Media Management: Grade 12 University Preparation (BTX4C)

This course will help students create informative media, and electronic products for school and community audiences in diverse formats (e.g., twitter, Instagram, YouTube, blogging, web pages). Students will investigate sources of information and compare differing perspectives on key issues, developing both a sense of news and news judgment. They will also learn editorial conventions and practices, principles of a variety of social media formats and web design, and management skills, and will explore legal and ethical uses of information that is made public. Students will interpret and evaluate informational, graphic and literary media and create oral, written and visual media in a variety of forms. *Korah only.*



Canadian & World Studies

Geography

Spatial Technologies in Action, Grade 12 University / College Preparation (CGO4M)

This course provides a foundation for students who wish to pursue a career that requires the ability to use computer-based spatial technologies. Students will analyze and propose solutions to real-life issues related to spatial organization, such as determining transportation routes, the most appropriate location for community services, or potential conservation and preservation areas. Students will extend their ability to use geographic information systems (GIS), global positioning systems (GPS), and remote sensing and to create maps, charts, and graphs. Students will apply the concepts of geographic thinking and the geographic inquiry process to investigate various issues related to spatial organization. Prerequisite: Any university, university/college, or college preparation course in Canadian and world studies, English, or social sciences and humanities. *Superior Heights only.*

World Issues: A Geographic Analysis, Grade 12 University Preparation (CGW4U)

This course looks at the global challenge of creating a more sustainable and equitable world. Students will explore a range of issues involving environmental, economic, social, and geopolitical interrelationships, and will examine governmental policies related to these issues. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate these complex issues, including their impact on natural and human communities around the world. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities. *CASS, Elliot Lake, and Michipicoten, (alternate years), Chapleau, Korah, Superior Heights, W.C. Eaket (alternate years), and White Pines.*

World Issues: World Issues: A Geographic Analysis, Grade 12 College Preparation (CGW4C)

This course explores many difficult challenges facing Canada and the world today – challenges such as unequal access to food, water, and energy; urbanization; globalization; and meeting the needs of a growing world population while ensuring the sustainability of the natural environment. Students will explore these and other world issues from environmental, social, economic, and political perspectives, while applying the concepts of geographic thinking, the geographic inquiry process, and spatial technologies to guide and support their investigations. Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied White Pines only. *Elliot Lake, Michipicoten, and W.C. Eaket in alternate years.*

Living in a Sustainable World, Grade 12, Workplace Preparation (CGR4E)

This course examines the impact of human activity on the natural environment. Students will explore the use of natural spaces and resources and how planning decisions and consumer choices affect natural systems. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate practical solutions to environmental issues, enabling them to make more sustainable decisions at home and in the workplace. Prerequisite: Canadian Geographic Issues, Grade 9, Academic or Applied. *White Pines only.*

The Environment and Resource Management, Grade 12 University/College Preparation (CGR4M)

This course investigates the complexity and fragility of ecosystems and the pressures human activities place on them. Students will examine ecological processes, the principles of sustainability, and strategies for resource management, with a focus on the challenges of environmental degradation and resource depletion. Students will use geotechnologies and skills of geographic inquiry to explain and evaluate various approaches to achieving a more sustainable relationship between people and their environment. Prerequisite: Any university, university/college, or college preparation course in Canadian and world studies, English, or social sciences and humanities. *Elliot Lake and White Pines only.*



Law

Canadian and International Law, Grade 12 University Preparation (CLN4U)

This course explores a range of contemporary legal issues and how they are addressed in both Canadian and international law. Students will develop their understanding of the principles of Canadian and international law when exploring rights and freedoms within the context of topics such as religion, security, cyberspace, immigration, crimes against humanity, and environmental protection. Students will apply the concepts of legal thinking and the legal inquiry process when investigating these issues in both Canadian and international contexts, and they will develop legal reasoning skills and an understanding of conflict resolution in the area of international law. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities. *CASS, Chapleau, Elliot Lake, Korah, and Superior Heights. W.C. Eaket in alternate years. Also offered in e-Learning.*

Legal Studies, Grade 12 College Preparation (CLN4C)

This course provides a foundation for students who wish to pursue a career that requires an understanding of law. Students will explore the importance of law, analysing contemporary legal issues and their relevance to daily life. They will investigate the requirements for various law-related careers as well as legal responsibilities in the workplace. Students will apply the concepts of legal thinking and the legal studies inquiry process to investigate their rights and responsibilities, legal processes and structures, and the role of law in a changing society. Prerequisite: Civics and Citizenship, Grade 10, Open. *Elliot Lake only.*

Canadian and World Politics, Grade 12 University Preparation (CPW4U)

This course examines Canadian and world politics from a variety of perspectives. Students will investigate the ways in which individuals, groups, and states work to influence domestic and world events, the role of political ideologies in national and international politics, and the dynamics of international cooperation and conflict resolution. Students will apply critical thinking and communication skills to develop and support informed opinions about current political conflicts, events, and issues. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities. *Superior Heights and Korah only.*

History

History: World History, Grade 12 IB Higher Level (CHI4UB)

This course studies the causes and effects of 20th century wars, including a detailed study of World Wars I & II, the Arab-Israeli Wars, and the Vietnam War. The second unit covers the Cold War, exploring the origins of the conflict to the outbreak of the Korean War, the evolution of the conflict through selected events, and its end with the collapse of the Soviet Union in 1991. The third unit, Conflict and Intervention, studies the origins and effects of the Rwandan Genocide and the Kosovo War. Students develop research and analytical skills, as well as a global understanding of the events in the 20th century that helped shape the current world. Prerequisite: 11 IB History of the Americas. *Korah only*

World History since the Fifteenth Century , Grade 12 University Preparation (CHY4U)

This course traces major developments and events in world history since approximately 1450. Students will explore social, economic, and political changes, the historical roots of contemporary issues, and the role of conflict and cooperation in global interrelationships. They will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, as they investigate key issues and assess societal progress or decline in world history. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities. *All schools except Michipicoten, Hornepayne and Chapleau. *At Elliot Lake, and W.C. Eaket, it is offered in alternate years. Also offered in e-Learning.*

World History since the Fifteenth Century , Grade 12 College Preparation (CHY4C)

This course explores key developments and events in world history since approximately 1450, with a focus on interactions within and between various regions. Students will examine social, economic, and political developments and how they have affected different peoples. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key turning points in world history and historical forces that have shaped our world. Prerequisite: Any university, university/college, or college preparation course in Canadian and world studies, English, or social sciences and humanities. *Korah and White Pines only. Elliot Lake, and W.C. Eaket it is offered in alternate years.*



Classic and International Languages

Spanish, Grade 12 University Preparation (LWSDU)

This course prepares students for university studies in the international language. Students will enhance their ability to use the language with clarity and precision, and will develop the language skills needed to engage in sustained conversations and discussions, understand and evaluate information, read diverse materials for both study and pleasure, and write clearly and effectively. Students will also have opportunities to add to their knowledge of the culture of countries where the language is spoken through the use of community resources and computer technology. Prerequisite: International Languages, Level 3, University Preparation. *Superior Heights only.*

Computer Studies

Computer Science, Grade 12 University Preparation (ISC4U)

This course enables students to further develop knowledge and skills in computer science. Students will use modular design principles to create complex and fully documented programs, according to industry standards. Student teams will manage a large software development project, from planning through to project review. Students will also analyze algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in computer science, and careers in the field. Prerequisite: Introduction to Computer Science, Grade 11, University Preparation. *Korah, Superior Heights, and White Pines only. Also offered in e-Learning.*

Computer Programming, Grade 12 College Preparation (ICS4C)

This course further develops students' computer programming skills. Students will learn object-oriented programming concepts, create object-oriented software solutions, and design graphical user interfaces. Student teams will plan and carry out a software development may work in the areas of TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also expand their awareness of environmental and societal issues related to communications technology and will investigate career opportunities and challenges in a rapidly changing technological environment. Prerequisite: Communications Technology, Grade 11, University/College Preparation. *Korah and White Pines only. Also offered in e-Learning.*

Computer Engineering Technology, Grade 12 University/College Preparation (TEJ4M)

This course extends students' understanding of computer systems and computer interfacing with external devices. Students will assemble computer systems by installing and configuring appropriate hardware and software, and will learn more about fundamental concepts of electronics, robotics, programming, and networks. Students will examine environmental and societal issues related to the use of computers, and explore postsecondary pathways leading to careers in computer engineering and related fields. Prerequisite: Computer Engineering Technology, Grade 11, University/College Preparation. *Korah only.*



Compulsory Courses

English, Grade 12 University Preparation (ENG4U)

This course emphasizes the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze a range of challenging literary texts from various periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace. Prerequisite: English, Grade 11, University Preparation. *All schools.*

English: Literature A, Grade 12 IB Higher Level (ENG4UB)

In this course, a group of works selected from the same literary genre is studied in depth. Each genre has recognizable literary conventions, and writers use these to achieve particular artistic ends. The grouping of works by genre provides a framework for comparative study. This course also focuses on the detailed analysis of a work, both in terms of content and technique. Close reading and in-depth analysis of the significant elements of the works is involved. Students are encouraged to become familiar with a variety of interpretations and critical perspectives, and form and articulate personal responses to the works. Prerequisite: 11 IB English Literature. *Korah only*

English, Grade 12 College Preparation (ENG4C)

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze a variety of informational and graphic texts, as well as literary texts from various countries and cultures, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity and developing greater control in writing. The course is intended to prepare students for college or the workplace. Prerequisite: English, Grade 11, College Preparation. *All schools. Also offered in e-Learning.*

English, Grade 12 Workplace Preparation (ENG4E)

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will analyze informational, graphic, and literary texts and create oral, written, and media texts in a variety of forms for workplace-related and practical purposes. An important focus will be on using language accurately and organizing ideas and information coherently. The course is intended to prepare students for the workplace and active citizenship. Prerequisite: English, Grade 11, Workplace Preparation. *All schools except Michipicoten*

Optional Courses

The Writer's Craft, Grade 12 University Preparation (EWC4U)

This course emphasizes knowledge and skills related to the craft of writing. Students will analyze models of effective writing; use a workshop approach to produce a range of works; identify and use techniques required for specialized forms of writing; and identify effective ways to improve the quality of their writing. They will also complete a major paper as part of a creative or analytical independent study project and investigate opportunities for publication and for writing careers. Prerequisite: English, Grade 11, University Preparation. *CASS, Korah, Superior Heights and White Pines. Also offered in e-Learning.*

Ontario Secondary School Literacy Course, Grade 12 Open (OLC4O)

This course is designed to help students acquire and demonstrate the cross-curricular literacy skills that are evaluated by the Ontario Secondary School Literacy Test. Students who complete the course successfully will meet the provincial literacy requirement for graduation. Students will read a variety of informational, narrative, and graphic texts and will produce a variety of forms of writing, including summaries, information paragraphs, opinion pieces, and news reports. Students will also maintain and manage a literacy portfolio containing a record of their reading experiences and samples of their writing. *Students who have been eligible to write the Ontario Secondary School Literacy Test (OSSLT) at least twice, and have been unsuccessful at least once, are eligible to take this course to achieve both a Grade 12 credit and their literacy credential for graduation or on Principal's recommendation. All schools.*



French As a Second Language

Core French, Grade 12 University Preparation (FSF4U)

This course provides extensive opportunities for students to speak and interact in French independently. Students will apply language-learning strategies in a wide variety of real-life situations, and will continue to develop their creative and critical thinking skills through responding to and interacting with a variety of oral and written texts. Students will also continue to enrich their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary for life-long language learning. Prerequisite: Core French, Grade 11, University Preparation. *All schools except Chapleau. * At Superior Heights this course will include activities designed to prepare students to write the Advanced Placement (AP) examination in French. Also offered in e-Learning.*

French B, Grade 12 IB Standard Level, (FSF4UB)

This is a language acquisition course which extends and expands on learning from the grade eleven course. Students continue to develop language skills as well as an intercultural understanding through the exposure of a variety of written and spoken material related to French culture. During this year, students concentrate on core areas of study in cultural diversity, customs and traditions. An emphasis on oral communication skills helps prepare student for their oral commentary on one of the areas of study.

Prerequisite: 11 IB French. *Korah only.*

French Immersion, Grade 12 University Preparation (FIF4U)

This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Students will consolidate language-learning strategies and apply them while communicating about concrete and abstract topics, and will independently respond to and interact with a variety of oral and written texts. Students will study a selection of French literature from the Middle Ages to the present. They will also continue to enrich their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary to become life-long language learners. Prerequisite: French Immersion, Grade 11, University Preparation. *Superior Heights only.*

Guidance & Career Education

Advanced Learning Strategies: Skills for Success After Secondary School, Grade 12 Open (GLS4O/GLE3O/GLE4O)

This course improves students' learning and personal management skills, preparing them to make successful transitions to work, training, and/or postsecondary education destinations. Students will assess their learning abilities and use literacy, numeracy, and research skills and personal management techniques to maximize their learning. Students will investigate trends and resources to support their postsecondary employment, training, and/or education choices and develop a plan to help them meet their learning and career goals. Prerequisite: For GLS4O – Career Studies, Grade 10, Open, For GLE4O and GLE3O – Recommendation of Principal.

Navigating the Workplace, Grade 12 Open (GLN4O)

This course provides students with opportunities to develop the workplace skills and work habits required for success in all types of workplaces. Students will explore occupations and careers of interest through participation in real workplace experiences. They will make plans for continued learning and work, work with others to design learning experiences, and investigate the resources and support required to make a smooth transition to their postsecondary destination. Prerequisite: None. *CASS (as one credit of a 3 or 4 credit cooperative education package), W.C. Eaket (as one credit of a 3-credit cooperative education package).*



Health and Physical Education

Personal Fitness Activities, Grade 12 Open (PAF4O)

This course focuses on the enhancement of safe and effective complex fitness activities. The student will determine the emphasis of his/her program. That emphasis may be of a personal fitness nature or it may be sport specific. Components of the course will include the promotion of all aspects of skill related fitness (speed, reaction time, agility, balance, coordination, power). Evaluation will include written assignments on health related topics, personal fitness assessments, a personal journal and active involvement. Prerequisite: PAF3O is recommended. *CASS, Elliot Lake, Korah, Superior Heights and White Pines.*

Focused Physical Education (Basketball Concepts), Grade 12 Open (PAL4OB)

This course enables students to further develop and improve their fundamental basketball skills. Students will be required to participate vigorously in daily activities in order to be successful and should demonstrate an interest in basketball while improving their individual fitness level. Through participation in a wide range of basketball concepts, students can enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the rules, officiating as well as skills that contribute to healthy development and learn how their own performance is affected by external factors. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. Prerequisite: None. *Superior Heights only.*

Recreation and Healthy Active Living Leadership, Grade 12 University/College Preparation (PLF4M)

This course enables students to explore the benefits of lifelong participation in active recreation and healthy leisure and to develop the leadership and coordinating skills needed to plan, organize, and safely implement recreational events and other activities related to healthy, active living. Students will also learn how to promote the benefits of healthy, active living to others through mentoring and assisting them in making informed decisions that enhance their well-being. The course will prepare students for university programs in physical education and health and kinesiology and for college and university programs in recreation and leisure management, fitness and health promotion, and fitness leadership. Prerequisite: Any health and physical education course *All Schools except White Pines*

Healthy Active Living Education, Grade 12 Open (PPL4O)

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others. Prerequisite: None. *All schools.*

Introductory Kinesiology, Grade 12 University Preparation (PSK4U)

This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sport, and the physiological, psychological, and social factors that influence an individual's participation in physical activity and sport. The course prepares students for university programs in physical education and health, kinesiology, health sciences, health studies, recreation, and sports administration. Prerequisite: Any Grade 11 university or university/college preparation course in science, or any Grade 11 or 12 course in health and physical education. *CASS, Elliot Lake, Korah, and Superior Heights. Also offered in e-Learning.*



Interdisciplinary Studies

Communications Technology: Yearbook Focus, Grade 12 University Preparation (IDC4U)

This course examines communications technology with a yearbook focus. Students will develop knowledge and skills as they design and produce a yearbook. Areas of focus include prints and graphic communications; photography; and digital imaging. Students will also develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields. *Superior Heights and White Pines only.*

Horticulture, Grade 12 Open (IDC4O)

This course lets students develop an understanding of the conditions required for plant growth, and the techniques used in gardening, horticulture, landscaping, and forestry. Through research and collaborative group activities, students investigate methods of propagation, methods of gardening, landscape techniques and the importance of cultivated plants to society, the economy, and the environment. Emphasis is placed on skills related to the workplace and daily life. Prerequisite: None. *CASS only.*

Sports and Entertainment Marketing, Grade 12 University Preparation (IDC4U)

The Sports and Entertainment Marketing interdisciplinary course emphasizes the development of practical skills and knowledge to solve problems, make decisions, create personal meaning, and present findings related to the growing Sports and Entertainment Marketing industry. Through individual and collaborative inquiry and research into contemporary issues, real-life situations, and careers related to Sports and Entertainment Marketing, students will develop skills in the areas of ethics, consumer research, advertising, public relations/publicity, event marketing, endorsement, sponsorship, product distribution, and career opportunities in Sports and Entertainment Marketing. Students will apply the principles and skills derived from the study of Physical Education, Media Studies, Business Marketing and the Social Sciences to select strategies to define problems, research alternative solutions, assess their thinking in reaching decisions, and adapt to change as they acquire new knowledge. *Korah only.*

Peer Tutoring, Support and Remediation, Grade 12 University Preparation (IDC4U)

This course prepares and motivates students to provide assistance to others in their schools and communities. Students will examine human development and examine learning styles, motivation and learning exceptionalities. Students will explore strategies to improve student learning and achievement, particularly in relation to literacy, numeracy, organization and communication. Students will develop skills in communication, interpersonal relations, coaching, leadership, teamwork and conflict management. Students will develop and apply these skills through their roles of tutor, coach and mentor. They will be responsible for conducting an in-depth case study which includes a major research component. *CASS, Superior Heights and White Pines only.*

Native Studies

Aboriginal Governance: Emerging Directions, Grade 12 University/College Preparation (NDG4M)

This course investigates how Aboriginal governments exercise authority and demonstrate responsibilities associated with governance in Canada. Students will explore Aboriginal world views regarding identity, relationships among Aboriginal peoples and between Aboriginal peoples and other Canadians, and Aboriginal definitions of sovereignty. Students will also compare traditional and contemporary forms of Aboriginal governance and will examine Aboriginal and Canadian relations, focusing on empowerment and the inherent right to self-government. Prerequisite: Any Grade 11 university, university/college, or college preparation course in Native studies. *Only offered in e-Learning.*

Issues of Indigenous Peoples in a Global Context, (NDW4M) Grade 12, University/College Preparation

This course provides students with an overview of the issues and challenges that confront indigenous peoples worldwide. Students will develop an understanding of the concerns and aspirations of the world's indigenous population, plan and conduct research on global issues that have an impact on indigenous peoples, and use information technology to consult materials related to the views of indigenous peoples throughout the world. Prerequisite: Any Grade 11 university, university/college, or college preparation course in Native studies

**Ojibwe, Level 1, Open (NL1) (LNOAO)**

This course is open to the entire student body and will allow students who have no prior Native language experience to develop an appreciation for a Native language and culture, to explore and experience a unique world view, and to learn to speak a Native language. Students will use the language being studied for greetings and daily routines, become familiar with its writing and sound system, and practise basic vocabulary and phrases. Students will also use information technology during course-related activities. *Korah Only*

Ojibwe, Grade 12 Open (LNOEO)

This course provides students with opportunities to increase their knowledge of a Native language and culture. Students will increase their vocabulary; use complex language patterns and formal language; and use the Native language to analyse literature, discuss issues (e.g., economic development, personal development), and study Native customs, traditions, and world views. They will examine differences in dialects while communicating with others electronically. Prerequisite: LNODO or demonstrated proficiency. *White Pines Only*

Mathematics

Mathematics for Work and Everyday Life, Grade 12 Workplace Preparation (MEL4E)

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will investigate questions involving the use of statistics; apply the concept of probability to solve problems involving familiar situations; investigate accommodation costs and create household budgets; use proportional reasoning; estimate and measure; and apply geometric concepts to create designs. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Prerequisite: Mathematics for Work and Everyday Life, Grade 11, Workplace Preparation. *All schools.*

Advanced Functions, Grade 12 University Preparation (MHF4U)

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students who plan to study mathematics in university and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs. Prerequisite: Functions, Grade 11, University Preparation, or Mathematics for College Technology, Grade 12, College Preparation. *All schools. Also offered in e-Learning.*

Calculus and Vectors, Grade 12 University Preparation (MCV4U)

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors, and representations of lines and planes in three-dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, rational, exponential, and sinusoidal functions; and apply these concepts and skills to the modeling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who plan to study mathematics in university and who may choose to pursue careers in fields such as physics and engineering. Note: The new Advanced Functions can be taken concurrently with or can precede Calculus and Vectors. Prerequisite: Advanced Functions, Grade 12 University Preparation. *All schools except Hornepayne and Michipicoten. Also offered in e-Learning.*

Mathematics: analysis and approaches, Grade 12 IB Standard Level (MCV4UB)

This course focuses on important mathematical concepts through the development of mathematical techniques. Students apply mathematical knowledge to continue to solve realistic problems set in an appropriate context. A math exploration offers students the opportunity to develop independence in their mathematical learning. Students take a considered approach to various mathematical activities and explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills needed for communicating mathematical ideas. Topics of study include: calculus, vectors. Prerequisite: 11 IB Mathematics. *Korah only.*

**Mathematics of Data Management, Grade 12 University Preparation (MDM4U)**

This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing large amounts of information; solve problems involving probability and statistics; and carry out a culminating project that integrates statistical concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. Students planning to enter university programs in business, the social sciences, and the humanities will find this course of particular interest. Prerequisite: Functions and Applications, Grade 11, University/College Preparation, or Functions, Grade 11, University Preparation. *All schools except Hornepayne and Michipicoten. Also offered in e-Learning.*

Foundations for College Mathematics, Grade 12 College Preparation (MAP4C)

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyze data using statistical methods; solve problems involving applications of geometry and trigonometry; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades. Prerequisite: Foundations for College Mathematics, Grade 11, College Preparation. *All schools.*

Mathematics for College Technology, Grade 12 College Preparation (MCT4C)

This course enables students to extend their knowledge of functions. Students will investigate and apply properties of polynomial, exponential, and trigonometric functions; continue to represent functions numerically, graphically, and algebraically; develop facility in simplifying expressions and solving equations; and solve problems that address applications of algebra, trigonometry, vectors, and geometry. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for a variety of college technology programs. Prerequisite: Functions and Applications, Grade 11, University/College Preparation. *Korah, and Superior Heights only. Also offered in e-Learning.*

Science

Biology, Grade 12 University Preparation (SBI4U)

This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields. Prerequisite: Biology, Grade 11, University Preparation. *All schools except Michipicoten. Also offered in e-Learning.*

Biology, Grade 12 IB Standard/Higher Level (SBI4UB) & (SNC4MB)

This course studies the relationship of structure and function at many levels of complexity. Students learn about molecular biology (including the chemistry of living things, DNA replication, transcription, translation, cell respiration, and photosynthesis), ecology, evolution, and biodiversity. While the scientific method may take on a wide variety of forms, it is the emphasis on a practical approach through experimental work that characterizes this course. Students design investigations, collect data, develop manipulative skills, analyse results, collaborate with peers and evaluate and communicate their findings. This is accomplished in both short-term and long-term projects which may involve a hands-on approach, use of data-bases, modelling, simulation or a hybrid. Prerequisite: Grade 11 IB Biology. *Korah only.*

Science, Grade 12 Workplace Preparation (SNC4E)

This course provides students with fundamental science knowledge and workplace skills needed to prepare them for success beyond secondary school. Students will explore hazards in the workplace, chemicals in consumer products, disease and its prevention, electricity at home and at work, and nutritional science. Emphasis is placed on current topics in science and relevant, practical activities that develop students' literacy and mathematical literacy skills and enhance their scientific literacy. Prerequisite: Science, Grade 10, Applied, or a Grade 10 locally developed compulsory credit (LDCC) course in science. *Elliot Lake and W.C. Eaket only.*

Science, Grade 12 University/College Preparation (SNC4M)

This course enables students, including those pursuing post-secondary programs outside the sciences, to increase their understanding of science and contemporary social and environmental issues in health-related fields. Students will explore a variety of medical technologies, pathogens and disease, nutritional science, public health issues, and biotechnology. The course focuses on the theoretical aspects of the topics under study and helps refine students' scientific investigation skills. Prerequisite: Science, Grade 10, Academic, or any Grade 11 university, university/college, or college preparation course in science. *Hornepayne and White Pines only.*



Chemistry, Grade 12 College Preparation (SCH4C)

This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment. Prerequisite: Science, Grade 10, Academic or Applied. *All schools. Offered at Chapleau, Elliot Lake, Hornepayne, and Michipicoten in alternate years. Also offered in e-Learning.*

Chemistry, Grade 12 University Preparation (SCH4U)

This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and investigation skills as they investigate chemical processes, and will refine their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in everyday life and on evaluating the impact of chemical technology on the environment. Prerequisite: Chemistry, Grade 11, University Preparation.

All schools except Michipicoten. Offered at Chapleau, and Hornepayne in alternate years. Also offered in e-Learning.

Chemistry, Grade 12 IB Standard/Higher Level (SCH4UB) & (SNC4MB)

This course focuses on expanding the concepts of the SCH3UB course and introducing new concepts. Students demonstrate and apply understanding of chemical facts, concepts and terminology, chemical methodologies and techniques, and methods of communicating scientific information. They analyze and evaluate hypotheses, research questions and predictions, and formulate scientific explanations. Topics include: stoichiometric relationships, atomic theory, periodicity, chemical bonding and structure, organic chemistry, energetics and thermochemistry, chemical kinetics, equilibrium, acids and bases, redox processes, measurement and data processing and analysis, medicinal chemistry, and the scientific method. Prerequisite: 11 IB Chemistry. *Korah only.*

Physics, Grade 12 University Preparation (SPH4U)

This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyze, qualitatively and quantitatively, data relating to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment. Prerequisite: Physics, Grade 11, University Preparation.

All schools. Offered at Hornepayne & Michipicoten in alternate years.

Physics, Grade 12 IB Standard Level (SPH4UB)

IB Physics SL is a 2-year course designed to introduce students to the laws of physics, the experimental skills required in physics, and the social and historical aspects of physics as an evolving body of knowledge.

Year 2 course topics include: thermal physics; atomic, nuclear and particle physics; energy production; and engineering physics.

This course will develop students' experimental and investigative scientific skills.

Students will also complete an individual investigation which is an internal assessment task that should be complex requiring a purposeful research question and scientific rationale.

Prerequisite: Grade 11 IB Physics *Korah only*

Physics, Grade 12 College Preparation (SPH4C)

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment. Prerequisite: Science, Grade 10, Academic or Applied.

All schools except Michipicoten - Offered at Elliot Lake and Hornepayne in alternate years.

Earth and Space Science, Grade 12 University Preparation (SES4U)

This course develops students' understanding of Earth and its place in the universe. Students will investigate the properties of and forces in the universe and solar system and analyze techniques scientists use to generate knowledge about them. Students will closely examine the materials of Earth, its internal and surficial processes, and its geological history, and will learn how Earth's systems interact and how they have changed over time. Throughout the course, students will learn how these forces, processes, and materials affect their daily lives. The course draws on biology, chemistry, physics, and mathematics in its consideration of geological and astronomical processes that can be observed directly or inferred from other evidence. Prerequisite: Science, Grade 10, Academic. *Only offered in e-Learning.*



Social Science and Humanities

Family Studies

Nutrition and Health, Grade 12 University Preparation (HFA4U)

This course examines the relationships between food, energy balance, and nutritional status; the nutritional needs of individuals at different stages of life; and the role of nutrition in health and disease. Students will evaluate nutrition-related trends and will determine how food choices can promote food security and environmental responsibility. Students will learn about healthy eating, expand their repertoire of food-preparation techniques, and develop their social science research skills by investigating issues related to nutrition and health. Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies. *CASS, Elliot Lake, Hornepayne, Michipicoten and Superior Heights.*

Nutrition and Health, Grade 12 College Preparation (HFA4C)

This course focuses on the relationship between nutrition and health at different stages of life and on global issues related to food production. Students will investigate the role of nutrition in health and disease and assess strategies for promoting food security and environmental responsibility. Students will learn about healthy eating, expand their repertoire of food-preparation techniques, and refine their ability to use social science research and inquiry methods to investigate topics related to nutrition and health. Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies. *CASS, Elliot Lake, Hornepayne, Michipicoten and Superior Heights.*

Human Development Throughout the Lifespan, Grade 12 University/College Preparation (HHG4M)

This course offers a multidisciplinary approach to the study of human development throughout the lifespan. Students will learn about a range of theoretical perspectives on human development. They will examine threats to healthy development as well as protective factors that promote resilience. Students will learn about physical, cognitive, and social-emotional development from the prenatal period through old age and will develop their research and inquiry skills by investigating issues related to human development. Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies. *Superior Heights only.*

Families in Canada, Grade 12 University Preparation (HHS4U)

This course enables students to draw on sociological, psychological, and anthropological theories and research to analyze the development of individuals, intimate relationships, and family and parent-child relationships. Students will focus on issues and challenges facing individuals and families in Canada's diverse society. They will develop analytical tools that enable them to assess various factors affecting families and to consider policies and practices intended to support families in Canada. They will develop the investigative skills required to conduct and communicate the results of research on individuals, intimate relationships, and parent-child relationships. Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies. *CASS, Hornepayne, Korah, and Superior Heights. Also offered in e-Learning.*

World Cultures, Grade 12 University/College Preparation (HSC4M)

This course examines the nature of culture; how cultural identities are acquired, maintained, and transformed; and theories used to analyze cultures. Students will explore world cultures, with an emphasis on the analysis of religious and spiritual beliefs, art forms, and philosophy. They will study the contributions and influence of a range of cultural groups and will critically analyze issues facing ethnocultural groups within Canada and around the world. Students will develop and apply research skills and will design and implement a social action initiative relating to cultural diversity. Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies. *White Pines only.*

Families in Canada, Grade 12 College Preparation (HHS4C)

This course enables students to develop an understanding of social science theories as they apply to individual development, the development of intimate relationships, and family and parent-child relationships. Students will explore a range of issues relating to the development of individuals and families in contemporary Canadian society as well as in other cultures and historical periods. They will develop the investigative skills required to conduct research on individuals, intimate relationships, and parent-child roles and relationships in Canada. Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies. *Hornepayne only.*

**Personal Life Management, Grade 12 Open (HIP4O)**

This course focuses on preparing students for living independently and working successfully with others. Students will learn to manage their personal resources to meet their basic needs for food, clothing, and housing. They will also learn about their personal, legal, and financial responsibilities and develop and apply interpersonal skills in order to make wise and responsible personal and occupational choices. Students will apply research and inquiry skills while investigating topics related to personal life management. The course emphasizes the achievement of expectations through practical experiences. Prerequisite: None. *Korah and Superior Heights only.*

The World of Fashion, Grade 12 University/College Preparation (HNB4M)

This course gives students the opportunity to explore the world of fashion. Students will learn how to create a fashion product using various tools, techniques and technologies while developing their practical skills. Students will learn about various factors that affect the global fashion industry, the needs of specialized markets, and the impact of fibre and fabric production and care. In addition, they will learn about social and historical influences on fashion. Students will apply research skills when investigating aspects of the fashion world. Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies. *Korah only.*

General Social Science**Challenge and Change in Society, Grade 12 University Preparation (HSB4U)**

This course focuses on the use of social science theories, perspectives, and methodologies to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will critically analyze how and why cultural, social, and behavioural patterns change over time. They will explore the ideas of social theorists and use those ideas to analyze causes of and responses to challenges such as technological change, deviance, and global inequalities. Students will explore ways in which social science research methods can be used to study social change. Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies. *CASS, Elliot Lake, Hornepayne, Michipicoten, and Superior Heights. W.C. Eaket (alternate years). Also offered in e-Learning.*

Philosophy**Philosophy: Questions and Theories, Grade 12 University Preparation (HJT4U)**

This course enables students to acquire an understanding of the nature of philosophy and philosophical reasoning skills and to develop and apply their knowledge and skills while exploring specialized branches of philosophy (the course will cover at least three of the following branches: metaphysics, ethics, epistemology, philosophy of science, social and political philosophy, aesthetics). Students will develop critical thinking and philosophical reasoning skills as they formulate and evaluate arguments related to a variety of philosophical questions and theories. They will also develop research and inquiry skills related to the study and practice of philosophy. Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies. *Korah only.*

Philosophy: Theory of Knowledge (HJT4UB)

This course, also known as 'Theory of Knowledge', is about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. It is a core element which all IB students undertake. The TOK course examines how we know what we claim to know by encouraging students to analyze knowledge claims and explore knowledge questions. The course begins with deduction and induction and branches out into other ways of knowing (e.g. sense perception, emotion, language, faith) and areas of knowledge (e.g. the arts, mathematics, natural and human sciences, and history). Throughout the course, students will be encouraged to focus on ethical concerns relating to how knowledge is produced, acquired, applied, shared, and communicated. There are two major summative tasks: an exhibition and an essay. Prerequisite: Enrolment in the IB Programme. *Korah only.*



Technological Education

Hospitality and Tourism, Grade 12 College (TFJ4C)

This course enables students to further develop knowledge and skills related to the various sectors of the tourism industry. Students will demonstrate advanced food preparation and presentation skills; increase health and wellness knowledge; develop tourism administration and management skills; design and implement a variety of events or activities; and investigate principles and procedures that contribute to high-quality customer service. Students will expand their awareness of health and safety issues, environmental and societal issues, and career opportunities in the tourism industry. Prerequisite: Hospitality and Tourism, Grade 11, College Preparation. *W.C. Eaket and Elliot Lake only.*

Culinary Arts and Management, Grade 12 College (TFR4C)

This course enables students to further develop knowledge and skills related to the various sectors of the tourism industry. Students will demonstrate advanced food preparation and presentation skills; increase health and wellness knowledge; develop tourism administration and management skills; design and implement a variety of events or activities; and investigate principles and procedures that contribute to high-quality customer service. Students will expand their awareness of health and safety issues, environmental and societal issues, and career opportunities in the tourism industry. This course provides an emphasis on Culinary Arts and Management. Prerequisite: TFR3C. *Elliot Lake and Superior Heights only.*

Communications Technology, Grade 12 University/College Preparation (TGJ4M)

This course enables students to further develop media knowledge and skills while designing and producing projects in the areas of live, recorded, and graphic communications. Students may work in the areas of TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also expand their awareness of environmental and societal issues related to communications technology and will investigate career opportunities and challenges in a rapidly changing technological environment. Prerequisite: Communications Technology, Grade 11, University/College Preparation. *CASS, Elliot Lake, Korah, Superior Heights and White Pines. Also offered in e-Learning.*

Computer Engineering Technology, Grade 12 University/College Preparation (TEJ4M)

This course extends students' understanding of computer systems and computer interfacing with external devices. Students will assemble computer systems by installing and configuring appropriate hardware and software, and will learn more about fundamental concepts of electronics, robotics, programming, and networks. Students will examine environmental and societal issues related to the use of computers, and explore postsecondary pathways leading to careers in computer engineering and related fields. Prerequisite: Computer Engineering Technology, Grade 11, University/College Preparation. *Korah only.*

Construction Technology, Grade 12 Workplace Preparation (TCJ4E)

This course enables students to further develop technical knowledge and skills related to residential construction and to explore light commercial construction. Students will continue to gain hands on experience using a variety of materials, processes, tools, and equipment; create and interpret construction drawings; and learn more about building design and project planning. They will expand their knowledge of terminology, codes and regulations, and health and safety standards related to residential and light commercial construction. Students will also expand their awareness of environmental and societal issues related to construction technology and explore entrepreneurship and career opportunities in the industry that may be pursued directly after graduation. Prerequisite: Construction Technology, Grade 11, Workplace Preparation. *CASS and W.C. Eaket only.*

Construction Engineering Technology, Grade 12 College Preparation (TCJ4C)

This course enables students to further develop knowledge and skills related to residential construction and to explore light commercial construction. Students will gain hands on experience using a variety of materials, processes, tools, and equipment and will learn more about building design and project planning. They will continue to create and interpret construction drawings and will extend their knowledge of construction terminology and of relevant building codes and regulations, as well as health and safety standards and practices. Students will also focus on environmental and societal issues related to construction engineering technology, and explore career opportunities in the field. Prerequisite: Construction Engineering Technology, Grade 11, College Preparation. *CASS, Elliot Lake, Korah, Michipicoten, Superior Heights, W.C. Eaket, and White Pines.*



Custom Woodworking, Grade 12 Workplace Preparation (TWJ4E)

This course enables students to further develop knowledge and skills related to the planning, design, and construction of cabinets and furniture for residential and/or commercial projects. Students will gain further experience in the safe use of common woodworking materials, tools, equipment, finishes, and hardware, and will learn about the entrepreneurial skills needed to establish and operate a custom woodworking business. Students will also expand their awareness of health and safety issues and environmental and societal issues related to woodworking, and will explore career opportunities that may be pursued directly after graduation. Prerequisite: Custom Woodworking, Grade 11, Workplace Preparation. *Korah only.*

Hairstyling and Aesthetics, Grade 12 Workplace Preparation (TXJ4E)

This course enables students to develop increased proficiency in a wide range of hairstyling and aesthetics services. Working in a salon/spa team environment, students strengthen their fundamental cosmetology skills and develop an understanding of common business practices and strategies in the salon/spa industry. Students expand their understanding of environmental and societal issues and their knowledge of postsecondary destinations in the hairstyling and aesthetics industry. Prerequisite: Hairstyling and Aesthetics, Grade 11, Workplace Preparation. *Superior Heights only.*

Health Care, Grade 12 College Preparation (TPJ4C)

This course focuses on the development of clinical skills needed to assess general health status. Students will learn about accepted health care practices and demonstrate an understanding of some basic procedures and the use of appropriate instruments and equipment. They will identify the characteristics of the human immune system and learn about pathology and disease prevention and treatment. Students will expand their awareness of workers' health and safety issues, environmental and societal issues related to health care, professional practice standards, and postsecondary destinations in the field. Prerequisite: Grade 11 Health Care, College Preparation. *Superior Heights only.*

Manufacturing Engineering Technology, Grade 12 University/College Preparation (TMJ4M)

This course enables students to further develop knowledge and skills related to design, process planning, control systems, project management, quality assurance, and business operations. Students will use a broad range of tools and equipment, enhance their skills in computer-aided design, and collaborate in managing a project. Students will critically analyze and solve complex problems involved in manufacturing products. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry. Prerequisite: TMJ3M. *Korah only.*

Manufacturing Technology, Grade 12 Workplace Preparation (TMJ4E)

This project-driven, hands-on course builds on students' experiences in manufacturing technology. Students will further develop knowledge and skills related to the use of engine lathes, milling machines, welding machines, and other related tools and equipment as they design and fabricate solutions to a variety of technological challenges in manufacturing. Students may have opportunities to acquire industry-standard training and certification. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry. Prerequisite: Manufacturing Technology, Grade 11, Workplace Preparation. *CASS, Korah, and W.C. Eaket only.*

Manufacturing Technology, Grade 12 College Preparation (TMJ4C)

This course enables students to further develop knowledge and skills related to machining, welding, print reading, computer numerical control (CNC), robotics, and design. Students will develop proficiency in using mechanical, pneumatic, electronic, and computer control systems in a project-based learning environment and may have opportunities to obtain industry-standard training and certification. Students will expand their awareness of environmental and societal issues and career opportunities in the manufacturing industry. Prerequisite: Manufacturing Technology, Grade 11, College Preparation. *CASS, Elliot Lake, Korah, Superior Heights, W.C. Eaket and White Pines only.*

Manufacturing Technology: Welding Grade 12 Workplace Preparation (TMW4E)

This project-driven, hands-on course builds on students' experiences in welding technology. Students will further develop knowledge and skills related to the use of welding machines, and other related tools and equipment as they design and fabricate solutions to a variety of technological challenges in manufacturing. Students may have opportunities to acquire industry-standard training and certification. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry. Prerequisite: Manufacturing Technology, Grade 11, Workplace Preparation. *White Pines only.*

**Transportation Technology: Light Aircraft (TTL3C)**

This program enables students to develop knowledge and skills in the Aviation and Aerospace industry. Students will acquire design, fabrication and problem-solving skills while using the latest industrial tools and aviation equipment. The program also offers Ground School (theory) with a certified training pilot through Transport Canada. Students will learn the skills to handle an airplane in the air, landing and takeoff as well as Aerospace engines. Students will also demonstrate knowledge of weather and navigational skill. *Korah Only*

Transportation Technology: Light Aircraft (TTL4C)

This program is a continuation of TTL3C and enables students to develop more specific knowledge and skills in the Aviation and Aerospace industry. Students will acquire repair, fabrication, design and problem-solving skills while using the latest industrial tools and aviation equipment. The program also offers a continuation of practical flight and Ground School with a certified training pilot through Transport Canada. Students will continue to learn the skills to handle an airplane in the air, landing and takeoff as well as Aerospace engines. Students will demonstrate knowledge of Human factors and navigational skill. *Korah Only*

Alternative Non-Credit Courses

Code Course Name

<i>KAL</i>	<i>Creative Arts for Enjoyment and Expression</i>	<i>KHI</i>	<i>Culinary Skills</i>
<i>KBB</i>	<i>Money Management and Personal Banking</i>	<i>KMM</i>	<i>Numeracy and Numbers</i>
<i>KCC</i>	<i>Transit Training and Community Exploration</i>	<i>KNA</i>	<i>First Canadians</i>
<i>KCW</i>	<i>Exploring Our World</i>	<i>KPF</i>	<i>Personal Health and Fitness</i>
<i>KEN</i>	<i>Language and Communication Development</i>	<i>KPH</i>	<i>Choice Making for Healthy Living</i>
<i>KGL</i>	<i>Personal Life Skills</i>	<i>KPP</i>	<i>Self Help and Self Care</i>
<i>KGW</i>	<i>Exploring the World of Work</i>	<i>KSN</i>	<i>Exploring Our Environment</i>
<i>KHD</i>	<i>Social Skills Development</i>	<i>KTT</i>	<i>Computer Skills</i>

Offered at Chapleau, CASS, W.C. Eaket, and Elliot Lake's LEAD Program only.



The Leading Edge Career Resource

Highly **interactive**, extremely **user friendly**, and fully **customizable** resource helps students make **informed decisions** and the most of their education.



Plan Your Steps.

Track Your Progress.

Unlock Your Future.

Visit www.myBlueprint.ca. Enter Activation Key

WHAT IS MYBLUEPRINT 2.0?

myBlueprint 2.0 is a cutting-edge interactive Annual Education Plan (AEP) available to all of our students that lets you set goals, plan your courses, track towards high school graduation and instantly identify the post-secondary opportunities available to you across Canada. Teachers and parents can view student plans as well. The resource follows a simple 3-step approach to planning, including:

1) My Profile

- myBlueprint allows you to save all of your information to **My Profile**. You can use this section for **GOAL SETTING** and to record your **COMMUNITY INVOLVEMENT HOURS** and **OSSLT** results.
- Use the **EXTRA-CURRICULAR ACTIVITIES REPORTING** and **CO-OP/WORK EXPERIENCE REPORTING** sections to store all the information you will need to create a resume, application or portfolio.
- Upload important documents to the **MY FILES** section and safely store resumes, cover letters, letters of recommendation, certifications and more in a folder that is accessible from any computer, at any time.

HOW DO I GET STARTED?

1. Visit the website:
www.myBlueprint.ca
2. Enter school **Activation Key** in the **New User** box and click **Create Account** to create your profile.

**Take Control of Your Future,
Today!**

2) High School Planner

- Use **High School Planner** to design interactive four- or five-year course plans. Create your own personalized plan or choose from suggested plans designed to prepare you for post-secondary.
- Save, change or update your plan at any time.
- Ensure you are taking the courses you need by tracking your progress towards graduation with the **GRADUATION INDICATOR**.
- Create multiple "what-if" plans with different course possibilities and post-secondary outcomes.
- Choose the appropriate course type (level) for each course according to your strengths and abilities.
- **Instantly discover** the post-secondary options available to you across Canada based on the actual courses you are taking or plan on taking with the **PROGRAM ELIGIBILITY INDICATOR**.

3) Post-Secondary Planner

- Search the **most extensive database of post-secondary information across Canada**.
- Save time by quickly finding and comparing details on your destinations of interest.
- Discover a **wealth of information** so that you can **make the most informed decision** about your future!

Apprenticeships/Skilled Trades

College Programs

University Programs

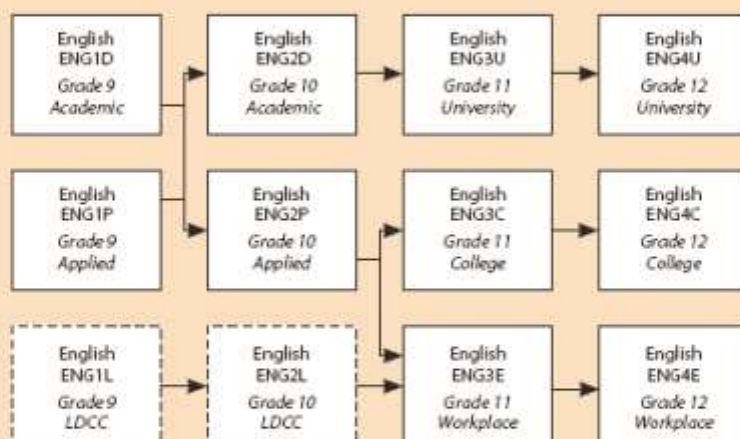
Workplace Sectors

Occupations (Careers)

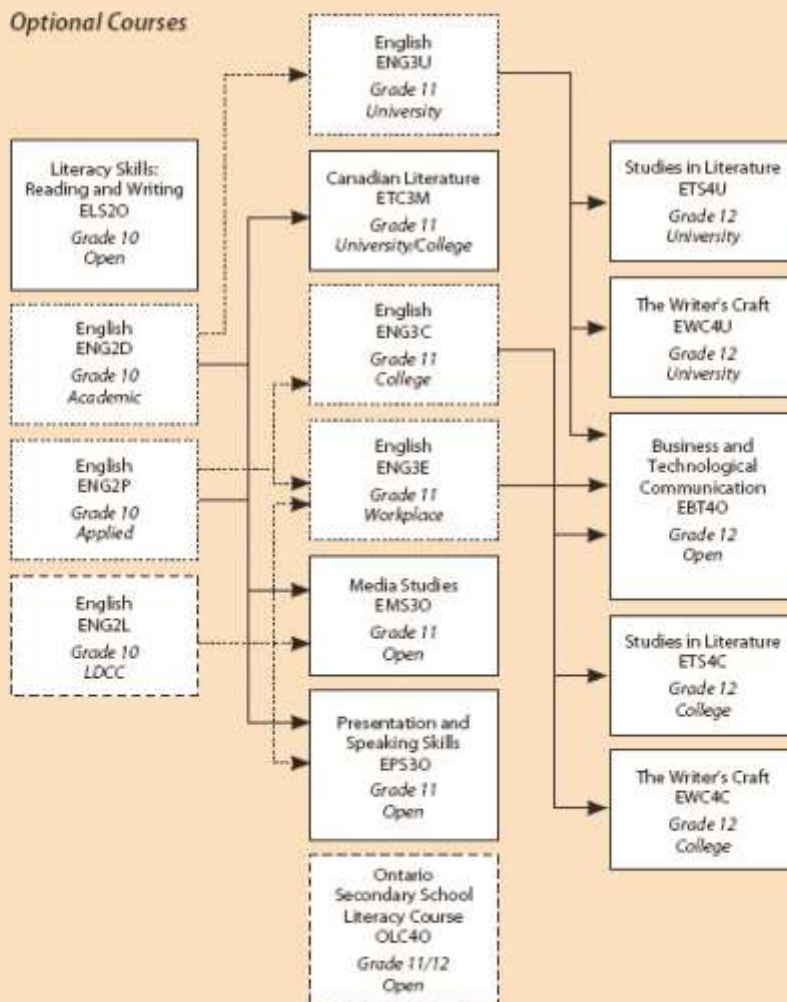
Prerequisite Charts for English, Grades 9–12

These charts map out all the courses in the discipline and show the links between courses and the possible prerequisites for them. They do not attempt to depict all possible movements from course to course.

Compulsory Courses



Optional Courses

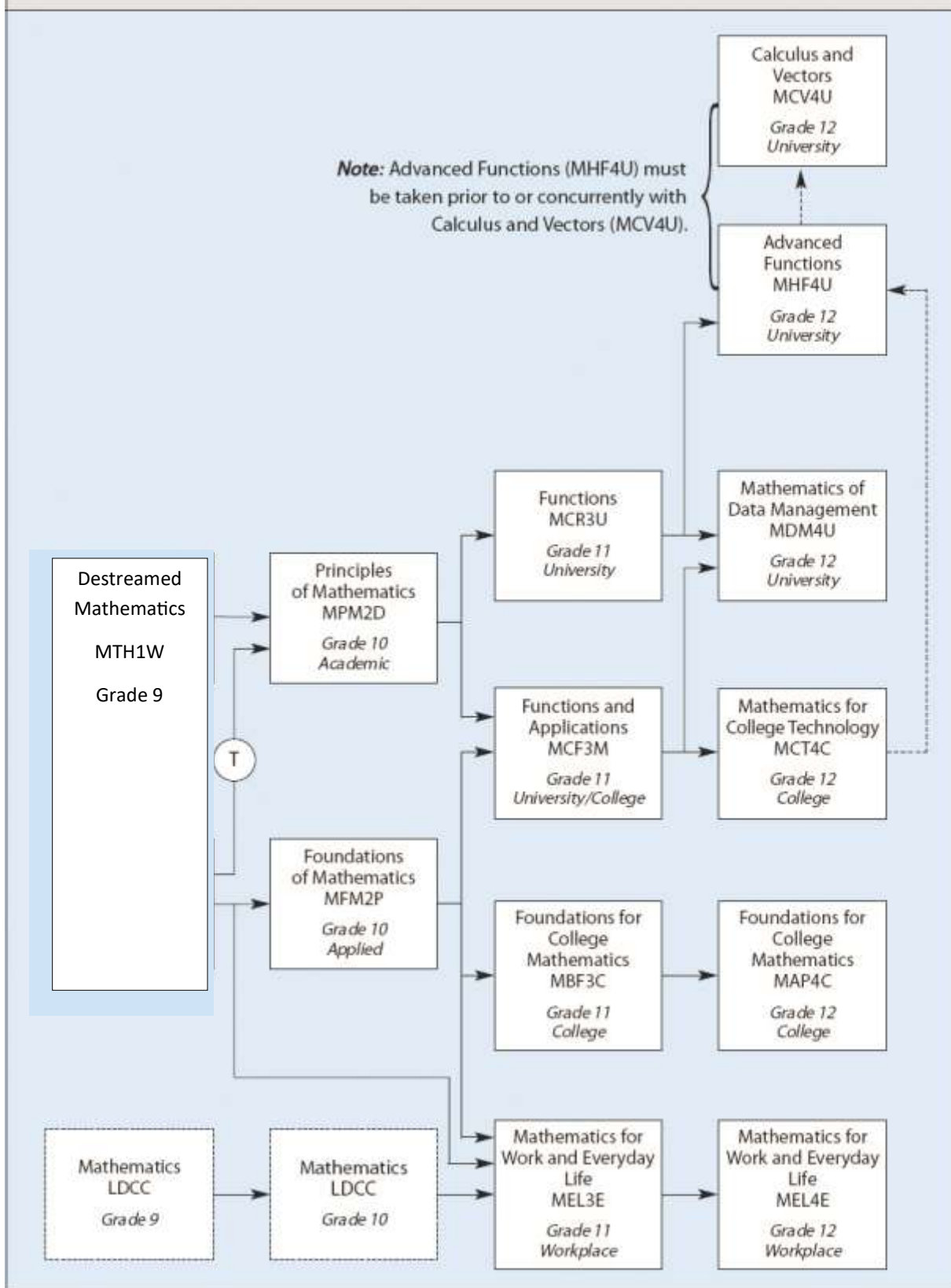


Note: Dotted lines represent compulsory courses. Dashed lines represent courses that are not outlined in this document.



Prerequisite Chart for Mathematics, Grades 9–12

This chart maps out all the courses in the discipline and shows the links between courses and the possible prerequisites for them. It does not attempt to depict all possible movements from course to course.



Notes:

- T – transfer course
- LDCC – locally developed compulsory credit course (LDCC courses are not outlined in this document.)



Prerequisite Charts for Technological Education, Grades 9–12

These charts map out all the courses in the discipline and show the links between courses and the possible prerequisites for them. They do not attempt to depict all possible movements from course to course.

Communications Technology

Exploring Technologies /
Exploring Communications
Technology
TJ10 / TGJ10
Grade 9, Open

Communications
Technology
TGJ20
Grade 10, Open

Communications
Technology
TGJ3M
Grade 11, University/College

Communications
Technology
TGJ4M
Grade 12, University/College

Communications
Technology:
Broadcast and Print
Production
TGJ3O
Grade 11, Open

Communications
Technology:
Digital Imagery and
Web Design
TGJ4O
Grade 12, Open

Computer Technology

Exploring Technologies /
Exploring Computer
Technology
TU10 / TEJ10
Grade 9, Open

Computer
Technology
TEJ20
Grade 10, Open

Computer Engineering
Technology
TEJ3M
Grade 11, University/College

Computer Engineering
Technology
TEJ4M
Grade 12, University/College

Computer
Technology
TEJ3E
Grade 11, Workplace

Computer
Technology
TEJ4E
Grade 12, Workplace

Construction Technology

Exploring Technologies /
Exploring Construction
Technology
TJ10 / TCJ10
Grade 9, Open

Construction
Technology
TCJ20
Grade 10, Open

Construction Engineering
Technology
TCJ3C
Grade 11, College

Construction Engineering
Technology
TCJ4C
Grade 12, College

Construction
Technology
TCJ3E
Grade 11, Workplace

Construction
Technology
TCJ4E
Grade 12, Workplace

Custom
Woodworking
TWJ3E
Grade 11, Workplace

Custom
Woodworking
TWJ4E
Grade 12, Workplace

Green Industries

Exploring Technologies /
Exploring Green Industries
TU10 / THJ10
Grade 9, Open

Green
Industries
THJ20
Grade 10, Open

Green Industries
THJ3M
Grade 11, University/College

Green Industries
THJ4M
Grade 12, University/College

Green Industries
THJ3E
Grade 11, Workplace

Green Industries
THJ4E
Grade 12, Workplace

Hairstyling and Aesthetics

Exploring Technologies /
Exploring Hairstyling and
Aesthetics
TU10 / TXJ10
Grade 9, Open

Hairstyling and
Aesthetics
TXJ20
Grade 10, Open

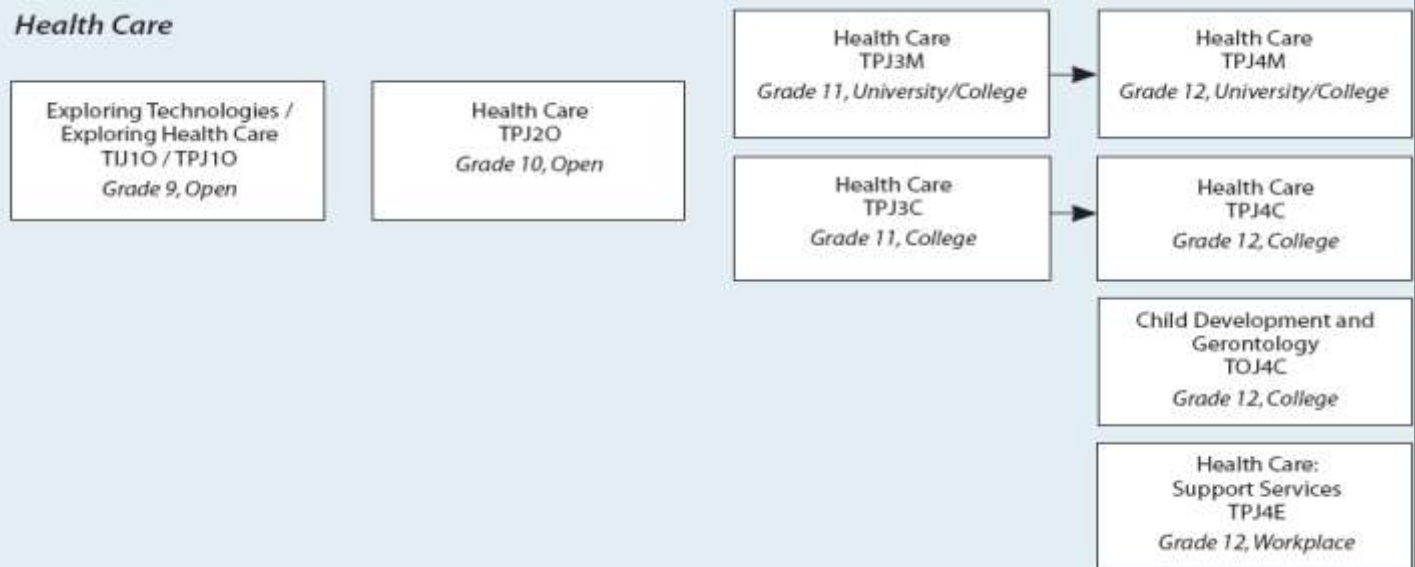
Hairstyling and
Aesthetics
TXJ3E
Grade 11, Workplace

Hairstyling and
Aesthetics
TXJ4E
Grade 12, Workplace

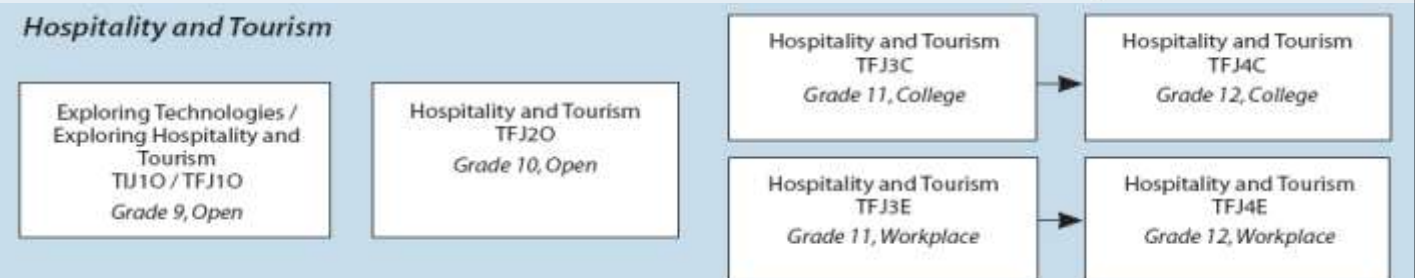
Prerequisite Charts for Technological Education, Grades 9–12 (continued)



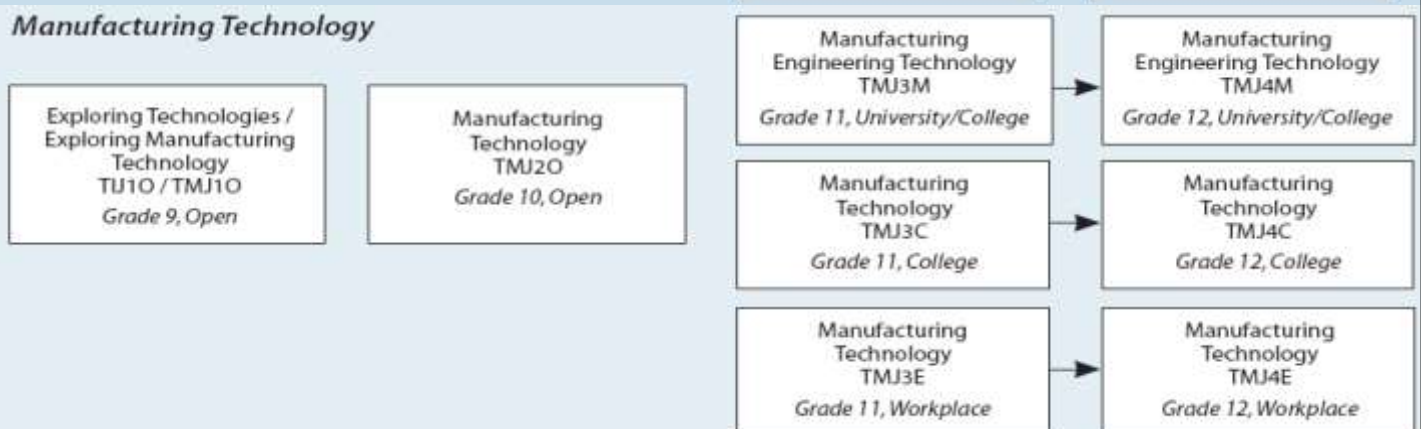
Health Care



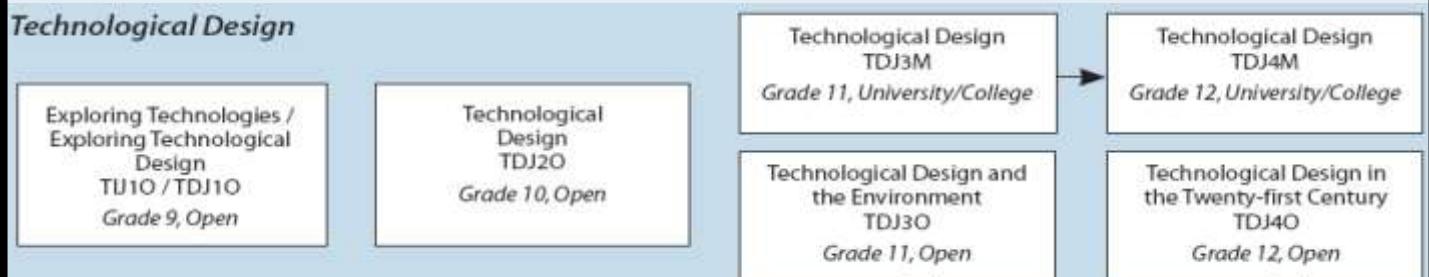
Hospitality and Tourism



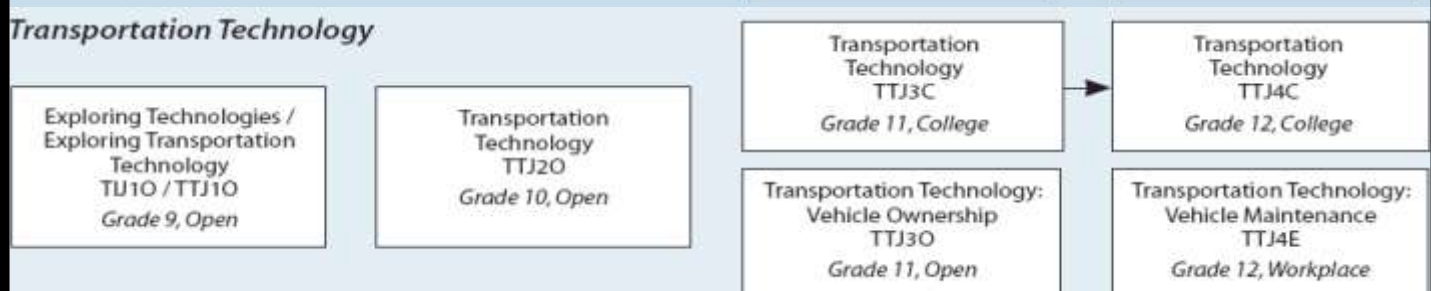
Manufacturing Technology



Technological Design



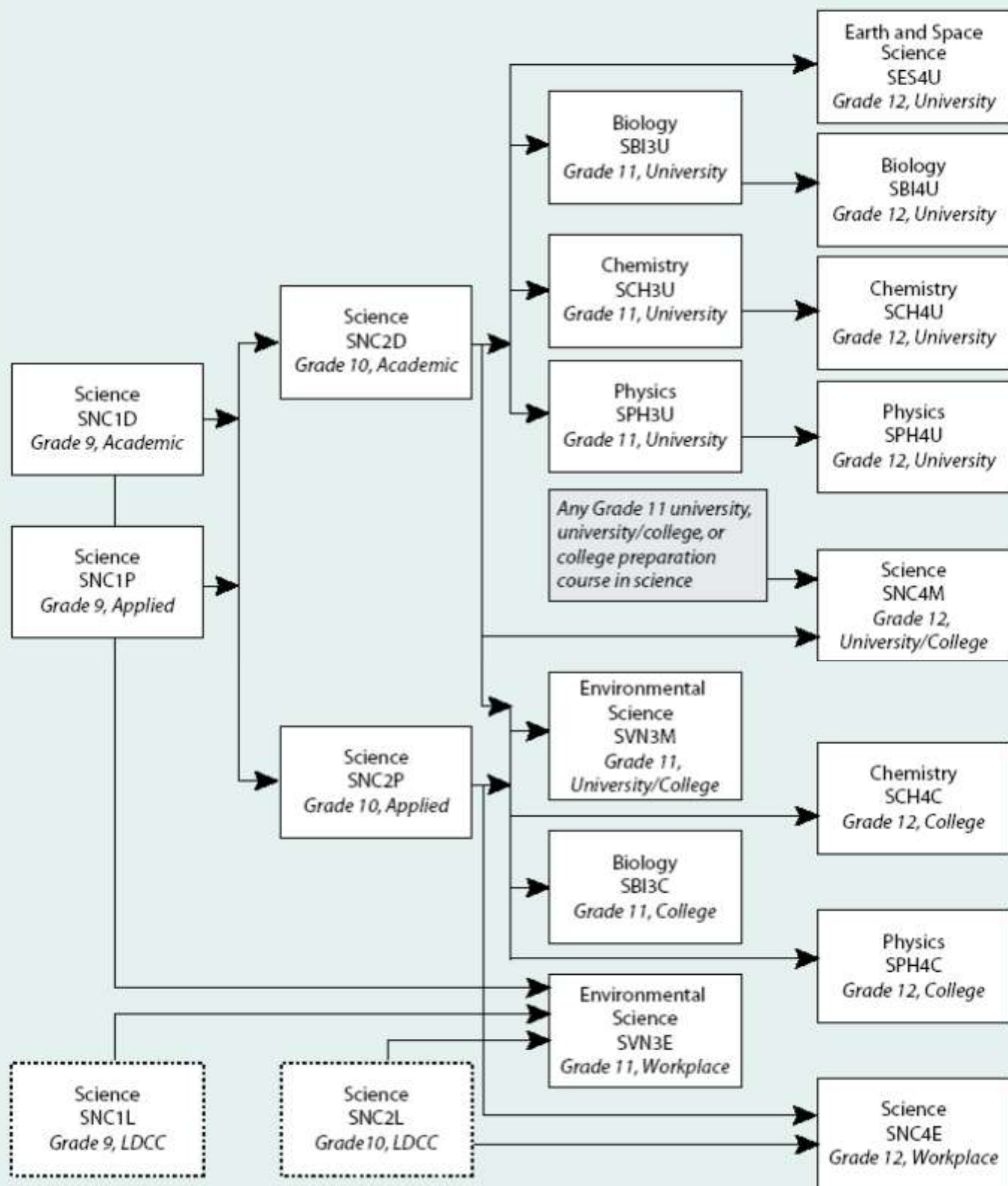
Transportation Technology





Prerequisite Chart for Science, Grades 9–12

This chart maps out all the courses in the discipline and shows the links between courses and the prerequisites for them. It does not attempt to depict all possible movements from course to course.



Note: Dotted lines represent locally developed compulsory credit courses (LDCCs), which are not outlined in this curriculum document.



Prerequisite Chart for Business Studies, Grades 9–12

This chart maps out all the courses in the discipline and shows the links between courses and the possible prerequisites for them. It does not attempt to depict all possible movements from course to course.

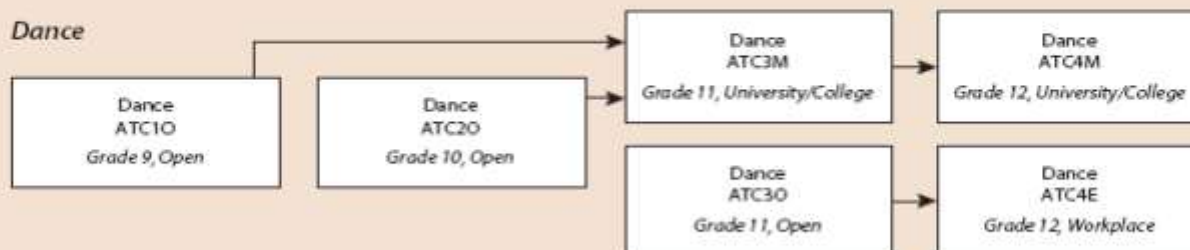




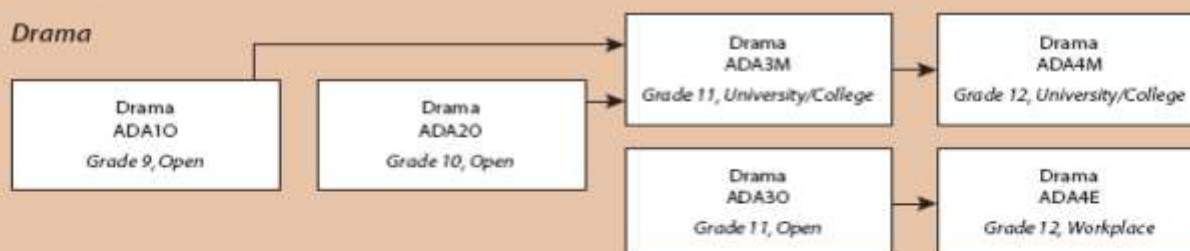
Prerequisite Charts for the Arts, Grades 9–12

These charts map out all the courses in the discipline and show the links between courses and the possible prerequisites for them. They do not attempt to depict all possible movements from course to course.

Dance



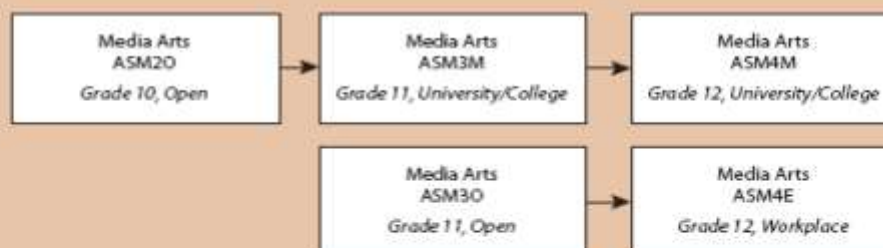
Drama



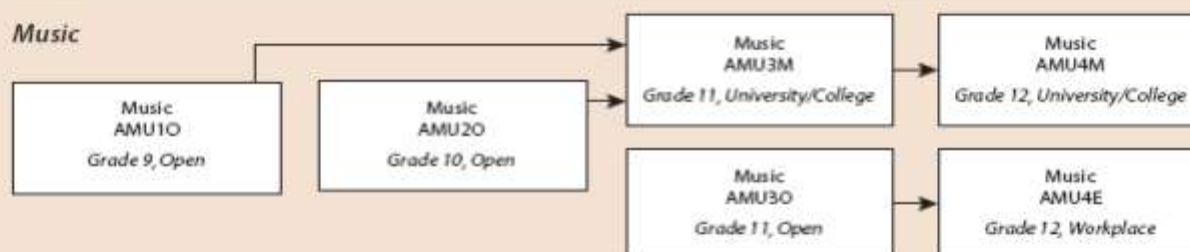
Integrated Arts / Exploring and Creating in the Arts



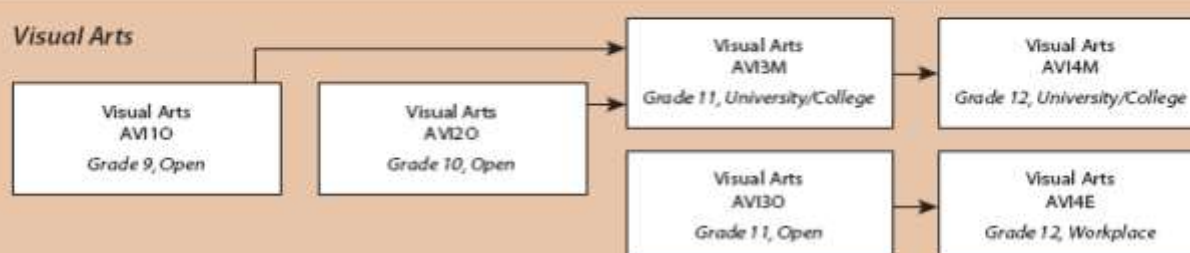
Media Arts



Music



Visual Arts



TWO FOR ONE! DUAL CREDITS COUNT AS SECONDARY AND COLLEGE CREDITS!

SCHOOL COLLEGE WORK INITIATIVE DUAL CREDIT OPPORTUNITIES AT SAULT COLLEGE

(subject to changes, additions and sufficient enrolment)

Costs for tuition, textbooks, and transportation are paid by SCWI

CAREER EXPLORATION FALL 2020 – SEPTEMBER START (subject to changes)

Secondary Code:	Course Name	College Code:
HCB4T	Sault C: Canadian Criminal Justice	PFP101
EW44T	Sault C: College Communications Skills	CMM110
EBA4T	Sault C: Communications 1	CMM115
AFA4T	Sault C: Drawing/Illustrations 1	VGA102
TNC4T	Sault C: Electrical Fundamentals	ELR130
BBA4T	Sault C: Introduction to Business Concepts	BCG101
BMA4T	Sault C: Introduction to Marketing	BCM101
HBB4T	Sault C: Introduction to Psychology	PSY102
PHS4T	Sault C: Medical Terminology	MED111

DUAL CREDIT APPRENTICESHIP FALL 2020 – SEPTEMBER STARTS

Secondary Code:	Course Name:
TXF4Y Level 1 APP A: Hairstylist 332A (3 seats)	Contact your OYAP Coordinator
TKA4Y Level 1 APP A: Cook 415A (1 seats)	Contact your OYAP Coordinator

Dual Credit OTHER – Fall 2020 – September Start

Secondary Code:	Course Name:	College Code:
TSF4T – Dual Credit for Outdoor Education programs at WP	Sault C: Construction Safety Tools	CCT100
Team Taught Dual Credits for District Schools	W. C. Eaket - culinary	CUL154
IBL4T – Computer Programmer DC	Sault C: Python	CSD105
TLG4T – SHSM Aviation & Aerospace	Sault C: Machine Shop Fundamentals	MCH140
Dual Credits for School College Connection Program		
AHE4T	Sault C: Music and Pop Culture some seats may be available for alternative ed. schools	GAS109
GWB4T Dual Credit for School College Connection Program	Sault C: Personal and Academic Success Strategies some seats may be available for alternative ed. schools	HDG122

CAREER EXPLORATION WINTER 2021 – JANUARY START (subject to changes)

Secondary Code:	Course Name:	College Code:
EW44T	Sault C: College Communications Skills	CMM110
EBA4T	Sault C: Communication 1	CMM115
CLH4T	Sault C: Community Policing	PFP306
BMA4T	Sault C: Introduction to Marketing	BCM101
IBP4T	Sault C: Geographical Information Systems	NET108
HSH4T	Sault C: Introductory Sociology	SOC120
HBB4T	Sault C: Introduction to Psychology	PSY102
PHS4T	Sault C: Medical Terminology	MED111

SHSM & OTHER WINTER 2021 – JANUARY START

Secondary Code/Project Name:	Course Name:	College Code:
TLG4T – Dual Credit for Construction	Sault C: Concrete and Formwork 1	CCT120
TSQ4T – SHSM Manufacturing-Korah	Sault C: Shield Metal Arc Welding 1 (SMAW 1)	MTF107

DUAL CREDIT PROJECTS: WINTER 2021 – FEBRUARY START

Secondary Code:	Course Name:	College Code:
TUA4T – Dual Credit for Hospitality & Tourism	Sault C: Fundamentals of Professional Baking	CUL152
BMA4T – Marketing for Korah	Team Taught Introduction to Marketing	BCM101
Dual Credit for Alternative Schools	Varies – See Guidance	
Dual Credits for School College Connection Program		
GWB4T Dual Credit for School College Connection Program	Sault C: Personal and Academic Success Strategies <i>some seats may be available for alternative ed. schools</i>	HDG122
JFE4T – Dual Credit for School College Connection Program	Sault C: What <u>In</u> The World Is Going On? <i>some seats may be available for alternative ed. schools</i>	GAS103

Dual Credits for 2021 Spring Start Dates

Secondary Code/Project Name:	Course Name:	College Code:
TMH4T – Dual Credit for Outdoor Education programs – May-June	Sault C: Outdoor Equipment Certifications	NET107
AHE4T – Summer SWAC - July to August (5 weeks) – <i>pending approval</i>	Sault C: Personal and Academic Success Strategies	HDG122
PPH4T – Summer Dual Credit July to August (5 weeks) – <i>pending approval</i>	Sault C: Personal Wellness and Lifestyle Change	FIT108

DUAL CREDIT TRANSPORTATION CAREERS WINTER 2021 – FEBRUARY START

Secondary Code:	Course Name:
TNM4T Sault C: Basic Electricity MPF100	Contact Brett Jackson or your Co-op Coordinator

Second Semester Team Taught Projects – February 2021**Projects rotate by schools every year – Contact Paul Caldbeck for details**

Project Title:	
Team Taught Dual Credits for Local Schools Korah Fitness (PAF40 & FIT108)	February start
Team Taught Dual Credits for District Schools - MHS – course TBA W. C. Eaket - construction	February starts



Adult Education

Adult Education Centre - Blind River

Phone: 705-356-1949

Adult Learning Centre - Chapleau

Phone: 705-864-2323

Adult Education Centre - Elliot Lake

Phone: 705-848-1088

Northland Adult Learning Centre – SSM

Phone 705-945-7109

Sault Ste. Marie Adult Learning Centre

Phone: 705-945-7185

Adult Education Centre - Spanish

Phone: 705-844-1657

Adult Education Centre - Thessalon

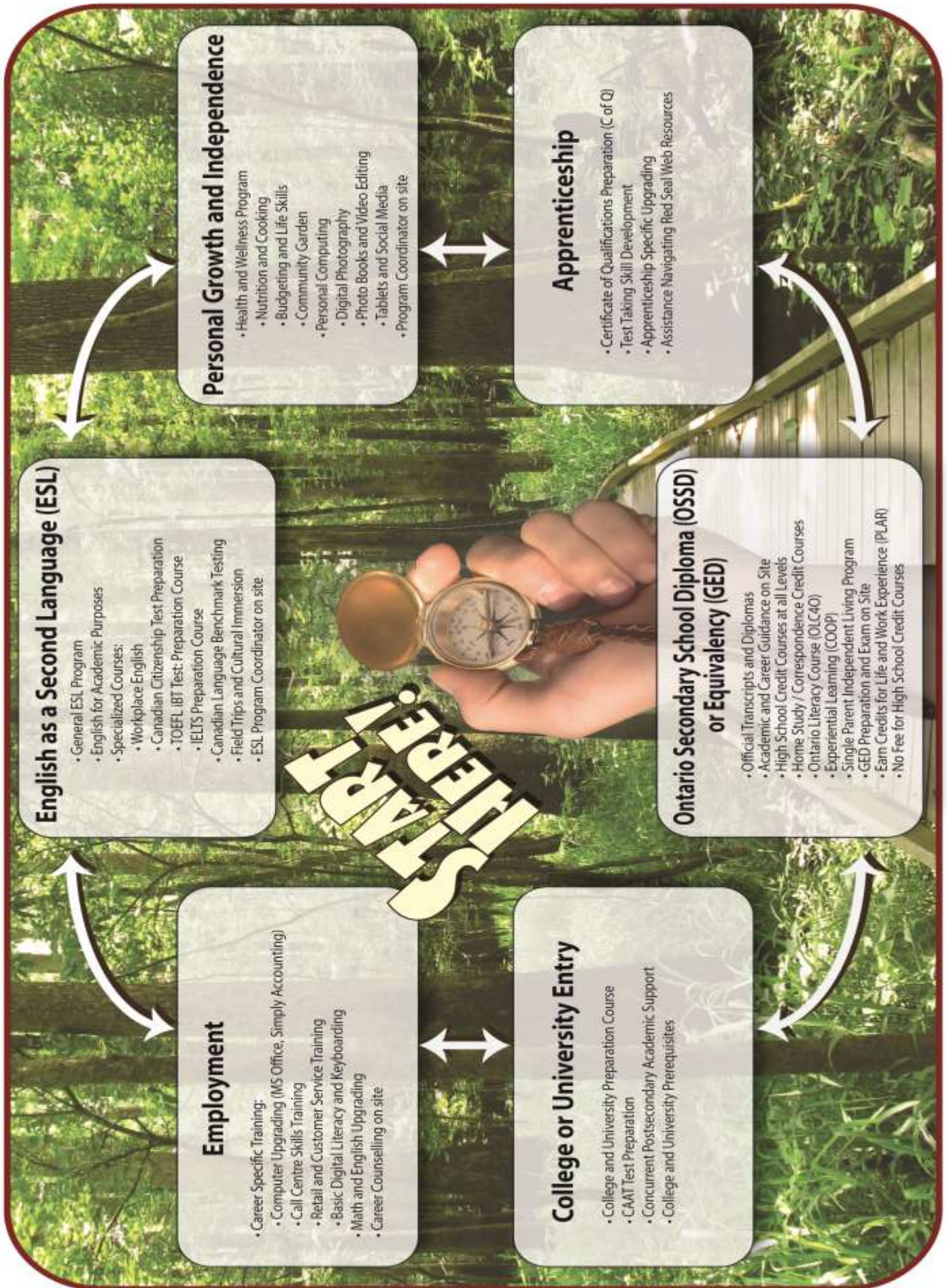
Phone: 705-842-9191



Where are you going?

Thanks to the “Adult Learning Center for opening the doors to changing my life, by receiving the gift of education. Not only have I proved to my teachers, but also to myself that anyone, at anytime can achieve their goals. Thank you -T.J.”

Website: www.adsbadulted.com





**ADULT & CONTINUING
EDUCATION**
YOUR PATHWAY TO GROWTH



ADULT EDUCATION—Credit Earning

The Adult Learning Centres are schools for **adult learners aged 18 and over**. We can help you earn your Ontario Secondary School Diploma (OSSD) or obtain academic upgrading for entry into university, college or apprenticeship programs.

Earn High School Credits

- We offer over 100 credit courses in English, Math, Science, Social Sciences, Business, Computers and Family Studies at all levels.
- The Co-op Program allows students that are working or volunteering to obtain high school credits.
- Prior Learning Assessment and Recognition (PLAR) and Maturity Credit processes allow mature students to earn credits for life and work experiences and fast-track to an Ontario Secondary School Diploma.



Flexibility

- Students can take courses in class, through home study or online.
- Students work on courses at their own pace.
- Students are allowed to begin a course anytime during the school year from Sept. to June.
- Students can restart a course from where they left off when taking a break for the summer, for employment or for personal reasons.
- Computers and Wi-Fi access in every classroom. Breakfast club and coffee available.
- Guidance Counsellor available.

Come talk to us today!

Available—Adult Education Centre - **Blind River**; Adult Learning Centre - **Chapleau**; Adult Education Centre - **Elliot Lake**; **Sault Ste. Marie** Adult Learning Centre; Adult Education Centre - **Thessalon**

Fostering a community of life-long learners.



ADULT EDUCATION—Literacy and Basic Skills (LBS)

Our Ontario Literacy and Basic Skills (LBS) programs are provincially funded by the Ministry of Training, Colleges and Universities (MTCU) which means classes are free to adults 19 years of age or older. The LBS program helps adults in Ontario to develop and apply communication, numeracy, interpersonal and digital skills to achieve their goals. The LBS program serves learners who have goals to successfully transition to employment, postsecondary, apprenticeship, secondary school, and increased independence. The program includes learners who may have a range of barriers to learning.

Qualified Instructors offer non-credit upgrading in Math, English, Computers, and specialized employment focused classes.

Every learner is assessed and an individualized program is set up to suit the needs, goals and time frame of the learner. All classes have authentic learning which is provided by the school and which relates to real-world tasks. We help you reach your goals.



Available—Adult Education Centre - *Blind River*; Adult Learning Centre - *Chapleau*; Adult Education Centre - *Elliot Lake*; Northland Adult Learning Centre—*Sault Ste. Marie*; Adult Education Centre - *Spanish*; Adult Education Centre - *Thessalon*

ADULT EDUCATION—English as a Second Language (ESL)

Our English as a Second Language (ESL) program is provincially funded by the Ministry of Children, Community and Social Services (MCCSS) which means classes are free to all permanent residents, refugees, and citizens of Canada. We are also Languages Canada accredited and have a tuition fee structure for international students and those here on visitor visas.

All classes use text books, handouts and authentic materials which are provided by the school. The approach is thematic and covers a variety of topics of interest to adults across the reading, writing, speaking and listening skill sets. Orientation to Canadian culture is an integral part of our program both in class and during field trips. Both formal and informal English are used, and practical use of the language is applied during field trips, presentations, videos and social activities.

Available—Northland Adult Learning Centre—*Sault Ste. Marie*

**EMPLOYMENT
ONTARIO**



The Individual Pathways Plan (IPP), Grades 7 to 12

Who am I?

- What are my strengths, accomplishments, values, skills?
- What factors have shaped who I am?
- What influences me, who am I as a learner?

Students identify the type of person they are, and frame this into their current view of where they are in life.



Who do I want to become?

- What are the demands, rewards and other features of the opportunities that I have examined.
- How do my personal and inter-personal goals compare to my education and lifestyle goals?

Students review their personal and career goals to begin to match those goals to strengths within their own personal profiles.



What are my opportunities?

- Identify recreational likes, social, leadership, volunteer, or part-time employment opportunities.
- Investigate various job-related fields, examining trends, experiences, specific skills, training.

Students examine fields of interest and compare their own desires, skills, preparation to look towards possible future plans.



What is my plan for achieving my goals?

- create a plan that identifies steps needed to achieve my goals
- Identify the resources needed to get there
- Identify possible obstacles and challenges I might encounter on the way

Students formulate a realistic plan to help them achieve their goals, with realistic expectations and understanding the challenges that they might expect to meet.



The IPP becomes the primary planning tool that students will use as they proceed from grade 7 to a post-secondary destination. The IPP provides the structure for career planning and is reviewed twice each year.



Central Board Office
Algoma District School Board
Education Centre
644 Albert St. E.
Sault Ste. Marie ON P6A 2K7
Phone: 705-945-7111
Toll Free: 1-888-393-3639



www.adsb.on.ca