

2025-2026

PATHWAYS PLANNING

Newmarket High School

COURSE SELECTION

Administration

Ms. M. Godfrey, Principal
Ms. C. Cyarto-Rogers, Vice-Principal
Ms. V. Estafanos, Vice-Principal

Guidance Counsellors

Ms. M. Perin
Ms. A. Andrade
Ms. J. Calleja
Ms. J. Yu

Special Education

Ms. S. McAlpine
Mr. S. Gordon
Mr. M. Loftus
Ms. A. Montesano
Ms. J. Ross
Ms. T. Taylor
Mme. F. Vathis
Ms. C. Clark

*Course selection requires
planning and support*

Select courses you are interested in because the master timetable will be created based on your requests!

For NHS Courses and Program Information: [My Pathway Planner](#)

GRADE 9 AND 10 PATHWAYS

DE-STREAMED

Secondary schools in Ontario offer de-streamed Grade 9 English, Math, Science, and Geography courses, which have taken the place of:

- Grade 9 Academic and Applied English
- Grade 9 Academic and Applied Math
- Grade 9 Academic and Applied Science
- Grade 9 Academic and Applied Geography

LOCALLY DEVELOPED

Locally-developed courses have been developed to meet the needs of students whose skills fall below grade level. It is a guided approach to learning using practical examples and concrete objects. Each student's strengths and needs will determine appropriate pathways through secondary school and in the school-to-work transition.

ACADEMIC

Academic courses focus on the essential concepts of the discipline while exploring related concepts to develop students' knowledge and skills by emphasizing theoretical, abstract applications of the essential concepts through incorporating practical applications as appropriate. Academic courses often include more student initiated activities.

APPLIED

Applied courses focus on essential concepts of the discipline to develop students' knowledge and skills by emphasizing practical, concrete applications of essential concepts while incorporating theoretical applications. Applied courses are often more teacher-directed.

PREPARING FOR THE DIPLOMA PATHWAY AT COLLEGE

- The most commonly required courses for admission to college diploma programs are Grade 12 English (ENG4C), Grade 12 Math (MAP4C) and Grade 11 or 12 Sciences (SBI3C, SCH4C).
- Most college diploma programs require college (C) preparation courses to meet specific course admission requirements. Carefully check Math requirements! Some college programs require and/or recommend Grade 12 Mathematics for College Technology (MCT4C) for which the prerequisite is MCF3M.
- Many students take the college diploma pathway as a stepping stone for transfer to the university or college degree pathway: [Ontario Transfer and Pathways Guide](#).
- College admission requirements can vary a great deal from college to college, even when the program titles may be the same.
- Repeat your research for every college program you are considering to be certain you will meet their specific admission requirements: [Ontario Colleges](#).

STUDENTS WITH EXCEPTIONAL LEARNING NEEDS

Students with exceptional learning needs, learning disabilities and/or Individual Education Plans (IEP) can find support information for both colleges and universities at: [Transition Resource Guide for Students with Disabilities](#)

COURSE SELECTION TIPS

- Students entering Grade 11 must select 8 courses.
- Students entering Grade 12 should sign up for a full timetable (8 courses).
- If your college program (e.g. social work) requires documented experience, take co-operative education courses and/or volunteer if possible.
- Take college program prerequisite courses at the college (C) level whenever possible (e.g. ENG4C rather than ENG4U), unless your college program factors in a grade differential weighting when making admission decisions (note: the majority of colleges do not do this). Or, if you are confident you can achieve an equal or better mark in the U or M course.
- Take courses for which you have the prerequisite credit as well as the academic preparation.



Dual Credit Courses allow Grade 12 students (while they are still in secondary school), to take college or apprenticeship courses that count towards both the Ontario Secondary School Diploma (OSSD) and a postsecondary college program. Students may earn credits toward the OSSD through courses delivered by publicly funded colleges in Ontario that are participating in the ministry approved Dual Credit program. SHSM and OYAP students may receive some industry-specific certifications in Dual Credit courses. Students can earn up to four optional credits through college delivered Dual Credit courses.

To learn more: [College Delivered Dual Credit Program](#)

PREPARING FOR THE DEGREE PATHWAY AT COLLEGE OR UNIVERSITY

- University admission requires a minimum of six grade 12 U or M courses (the number of accepted M courses depends on the university program).
- Check specific program requirements for each university.
- Science program requirements vary greatly depending on the university.
- If you wish to apply to a Bachelor's Degree program at college, you must meet university admission requirements.
- If you wish to apply to a joint College/University program (e.g. nursing), you must meet university admission requirements.

- When researching university programs consider: admission averages cut-off marks and program enrollment numbers, additional admission criteria.

[My Pathway Planner](#)
[Ontario Colleges](#)
[Ontario Universities' Info](#)
[Ontario Universities' Application Centre](#)

COURSE SELECTION TIPS

- ★ Students entering Grade 11 must select 8 courses.
- ★ Students entering Grade 12 are recommended to select 8 courses and at least 7 Grade 12 U or M courses.
- ★ 12 U English (ENG4U) is a requirement for most Bachelor's degree programs.
- ★ Select Social Science courses in addition to Math and Science courses in case you change your postsecondary planning.
- ★ Take courses for which you have the prerequisite credits as well as the academic preparation.
- ★ Consider attending spring open houses at the universities and colleges which are often held over March Break.



Sector foci available:

- **Business**
- **Construction**
- **Health and Wellness**

SHSM is a two-year program designed to help students develop specialized skills in various careers. It is career-focused learning which allows students to explore, identify, and refine their career pathways while working toward their OSSD. Students complete a package of sector specific certifications and course requirements including a two-credit co-op.

SHSM is for Grade 11 and 12 students, in any pathway, who are interested in exploring a field of study related to occupations in Business, Construction, or Health and Wellness sectors.

This additional qualification is recognized by colleges and universities across the province. It enhances the student's understanding of the field of study they are interested in pursuing. Students can earn a SHSM certificate upon graduation.



Business

Accountant
 Advertising
 Banker
 Event Planner
 General Manager
 Insurance Agent
 Law Clerk
 Marketing Director
 Paralegal
 Real Estate Agent
 Salesperson

Construction

Air Conditioner Mechanic
 Building Inspector
 Carpenter
 Drywall Sander
 Electrician
 Heavy Equipment Operator
 Ironworker
 Landscaper
 Plumber
 Tile-setter
 Welder

Health and Wellness

Dentist
 Dietician
 Fitness Consultant
 Laboratory Technician
 Massage Therapist
 Paramedic
 Personal Trainer
 Physician
 Psychologist
 Social Worker
 X-Ray Technician

APPRENTICESHIP AND WORKPLACE



Apprenticeship is a hands-on training program for those who enjoy “learning by doing” and those who want to work in a skilled trade. About 90% of apprenticeship training is provided in the workplace by employers. The remainder involves theoretical classroom instruction, which is usually given at a college, or provided through another approved training organization. Apprentices often receive training while they earn a wage. The length of time that is required to complete an apprenticeship varies from trade to trade.

Accelerated OYAP students can earn high school credits, register as an apprentice, complete part or all of the “Level One” apprenticeship schooling in a specific trade, while earning hours toward their apprenticeship training. YRDSB currently offers Level 1 Apprenticeship programs for: Auto Service Technician, Refrigeration and Air Conditions Systems Mechanics, Cook, Electrician, Plumber, Child Development, Baker, General Carpenter and Drywall among others.

Upon graduation, individuals are to find an employer willing to sign them on as an apprentice. Having prior experience through a co-op placement or summer employment, could assist in securing an apprenticeship.

[My Pathway Planner](#)

[Ontario Youth Apprenticeship Program](#)

[Apprenticeship in Ontario](#)

[Apprentice Search](#)

[Skilled Trades Ontario](#)

WORKPLACE

YRDSB school-to-work transition offerings are specialized programs that prepare students for employment or self-employment. These programs include both in-school and work-based experiences, including job shadowing/ job twinning, work experience, co-operative education, and in-depth skills training, and require the involvement of employers in their development and delivery. These programs may provide advanced standing or additional certification for students in apprenticeship and skills certification programs.

CO-OP

For all four of the pathways discussed in this guide, consider the [cooperative education program](#) to help get you there. Actual experience in a profession or industry can be beneficial whether applying to an apprenticeship, college, university, or directly entering the workplace. Consider the many reasons for participating in a co-op program:

- Provides a competitive edge
- Confirms career choices
- Builds a network of career related references
- Helps develop career focused essential skills
- Could lead to a part-time or full-time job

For further information on all four pathways opportunities gained through co-op, please speak with a member of the Community Based Education (Cooperative Education) department

COURSE SELECTION TIPS

- ★ Strong math skills are required for some of the skilled trades (e.g. electrical, automotive service technician). Check carefully, you may require MCT4C.
- ★ If there is a skilled trade you are interested in, you should investigate co-op opportunities (e.g. construction sector may require you to consider a 4 credit co-op in Grade 11, in order to participate in the accelerated OYAP program in second semester Grade 12).