

APPRENTICESHIP & WORKPLACE



Apprenticeship is a proven hands-on training program for people who enjoy "learning by doing" and 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 local community college, or provided through another approved training organization. Apprentices 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, and earn 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.

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.

For further information:

'My Pathway Planner'

www.yrdsb.ca

**Programs & Services >
Secondary Programs >
Ontario Youth Apprenticeship (OYAP)**

[www.ontario.ca/page/
apprenticeship-ontario](http://www.ontario.ca/page/apprenticeship-ontario)

www.apprenticesearch.com



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.

The following resources provide information and support for students preparing for the workplace:

'My Pathway Planner'

www.esdc.gc.ca

[www.ontario.ca/page/
employment-ontario](http://www.ontario.ca/page/employment-ontario)

www.jobskills.org

www.gtti.ca



For all four of the pathways discussed in this guide, consider the co-op program to help get you there. Actual experience in a profession or industry can be extremely beneficial whether applying to college, university, an apprenticeship or heading straight to the workplace. Consider the many reasons for participating in a co-op program:

- Gives students 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 Ms. Laurie Johnson, NHS Head of Community Based Education (Co-operative Education)

✓ 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)

2021/2022

PATHWAYS PLANNING AT

Newmarket High School

COURSE SELECTION

Administration

Mr. E. Gordon, Principal
Ms. A. Cowan, VP (A-K)
Ms. C. Cyarto-Rogers, VP (L-Z)

Special Education

Mr. King Ms. McAlpine
Ms. Bloom Mr. Gordon
Mme. Vathis

Guidance Counsellors

Ms. Perin (A-Gh)
Ms. Bawden (Gi-I)
Mr. Ward (J-P)
Ms. Calleja (Q-Z)

NHS Courses and Program

For NHS Courses & Program Information visit 'My Pathway Planner' or www.yrdsb.ca/schools/newmarket.hs

Course selections require planning and support!

Choose wisely! Know your strengths and interests
Consult with teachers, guidance and parents/guardians
Research post-secondary requirements
'My Pathway Planner' is your #1 research tool

GRADE 9 AND 10 PATHWAYS

APPLIED

Applied courses focus on the essential concepts of the discipline. Applied courses develop students' knowledge and skills by emphasizing practical, concrete applications of essential concepts of the course and incorporating theoretical applications as appropriate. Applied courses are more teacher directed and curriculum is delivered in smaller 'chunks' with the majority of work completed in class.

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 and also explore related concepts. Academic courses develop students' knowledge and skills by emphasizing theoretical, abstract applications of the essential concepts of the course and incorporating practical applications as appropriate. Academic courses have more student initiated activities and the curriculum is delivered at a quicker pace requiring work outside of the class.

✓ COURSE SELECTION TIPS

- Choose courses wisely because the master timetable at NHS will be created based on your requests!

www.yrdsb.ca/schools/newmarket.hs/guidance

Newmarket

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/prefer Grade 12 Mathematics for College Technology (MCT4C) for which the prerequisite is MCF3M (not MBF3C)
- Many students take the college diploma pathway as a stepping stone for transfer to the university or college degree pathway www.ontransfer.ca
- College admission requirements can vary a great deal from college to college, even when the program titles are the same
- Repeat your research for every college program you are considering to be certain you will meet their specific admission requirements. www.ontariocolleges.ca

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:

www.transitionresourceguide.ca

✓ 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

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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 post-secondary 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. As well, 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.

Book an appointment with your guidance counsellor to learn more or visit:
www.yrdsb.ca > Programs & Services > Secondary Programs > Dual Credit



PREPARING FOR THE DEGREE PATHWAY AT UNIVERSITY OR COLLEGE

- University admission usually 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 the following: admission averages cut-off marks and program enrollment numbers, additional admission criteria
- Universities often consider Grade 11 U and M courses for conditional offers of admission
- www.ontariouniversitiesinfo.ca www.ouac.on.ca/external-resources
www.ontariocolleges.ca 'My Pathway Planner'

✓ COURSE SELECTION TIPS

- Students entering Grade 11 must select 8 courses
- Students entering Grade 12 are recommended to sign up for 8 courses and at least 7 Grade 12 U or M courses
- 12 U English (ENG4U) is a requirement for most University Degree and College Degree programs
- Select Social Science courses in addition to Math and Science in case you change your program choice
- Take courses for which you have not only prerequisites, but also the academic preparation
- Consider attending spring open houses at the universities and colleges which are often held over March Break



Specialist High Skills Major (SHSM)

SHSM Programs at NHS:
Business, Construction and Health and Wellness

What is it?

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 include a two-credit co-op.

For Whom?

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

Why should students consider it?

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 an SHSM certificate upon graduation.

Sector related occupation examples include:

Business

- Accounting
- Banking
- Economist
- Conference and Events Planning
- Marketing
- Retail
- Human Resources

Construction

- Carpenter
- Electrician
- Plumber
- HVAC Contractor
- Construction Manager
- Interior Designer
- Drywaller
- Roofer
- Home Builder or Renovator
- Mechanical Engineer

Health and Wellness

- Child and Youth Care Worker
- Dental Assistant
- Fitness Instructor
- Educational Assistant
- Medical Clinic Assistant
- Physiotherapist
- Veterinary Technician
- Pharmacy Technician