

# Academic and Career Entrance (ACE) Courses

## HIGHLIGHTS

Academic and Career Entrance (ACE) courses are non post-secondary courses designed to prepare students to succeed in post-secondary and apprenticeship training. They are accepted as OSSD equivalent by colleges and Apprenticeship for purposes of admission. There are 10 ACE courses available. Most students participate in the courses they need to meet the prerequisites for admission to further their education.

These are free courses provided with funding by the Ministry of Training, Colleges and Universities to the College Sector Council. Fees are applied to students who are out of province, out of country or wish to repeat courses, which they have failed, dropped or for which they want an improved grade.

## ADMISSION REQUIREMENTS

All students wishing to enroll in an ACE Distance course must first complete the Learn to Learn (L2L) course. Learn to Learn consists of assessments and assignments designed to determine if you have the necessary personal, computer and academic skills, as well as the confidence, to successfully participate in ACE Distance courses. Students who do not have the necessary skills may be referred to other online and classroom based programs which will meet their immediate needs. To register for the Learn to Learn course, please visit <http://www.acedistancedelivery.ca/registration-L2L.php>

### Register Online

Please make sure that all the fields have been completed and that your Internet is reliable otherwise your registration will not be successful. Remember to hit the register button at the bottom of the page when you have completed the registration form. It is extremely important that your email address is accurate and working otherwise you won't receive your log on information.

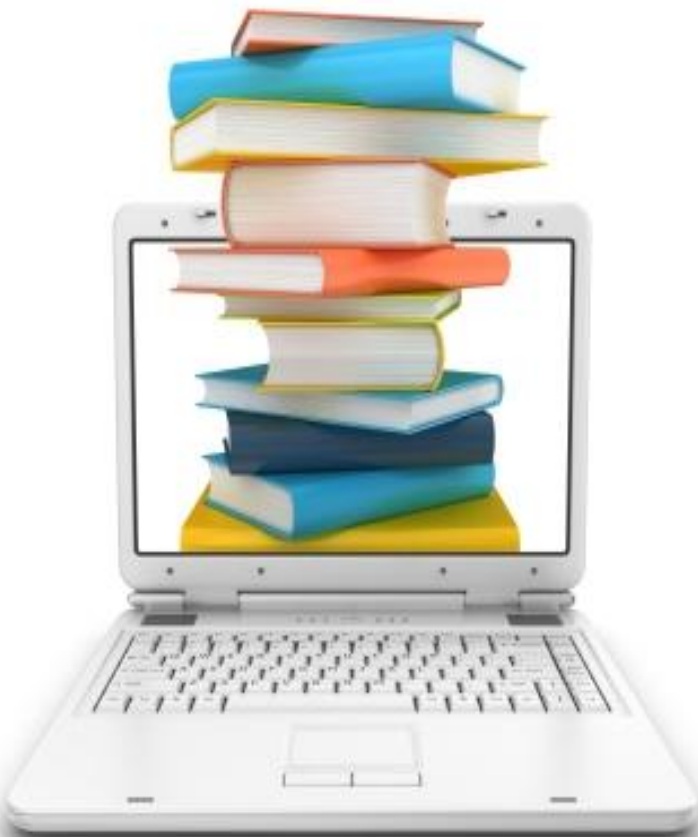
### You will need to have your own email address.

Who must take the Learn to Learn course?

1. All students registering for an ACE Distance course for the first time must take the Learn to Learn course.
2. All students who have enrolled in an ACE Distance course during the past eight months who have either completed a course or are making good progress in the course they are currently enrolled in do not need to take the Learn to Learn course as a prerequisite for enrolling in another course.

**You will have 30 days to complete the L2L course.** Please do not sign up for the course if you know that you will not have access to a computer and the Internet during this 30 day period. Students, who do not log on within five days of receiving their log on email, will be removed and will need to re-register.

Students are allowed to register twice in the Learn to Learn module. Students requesting to be registered for a third time must contact Lynne Wallace for approval at [l.wallace@xplornet.com](mailto:l.wallace@xplornet.com)



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## ACE COURSES

### Admission for ACE courses

Please send an e-mail of your Learn to Learn completion letter to Shelley Kitchen, Ontariolearn Coordinator at [shelley.kitchen@mohawkcollege.ca](mailto:shelley.kitchen@mohawkcollege.ca). She will respond with all registration instructions.

### Textbooks

Once you have registered for an ACE course, if there are textbooks required, they will be ordered, and shipped to you directly.

### ACE Courses:

Course #	Course Title	Hours
COMM10148	ACE Communications	120
MATH10047	ACE Apprenticeship Math	100
MATH10046	ACE Business Mathematics	120
MATH10045	ACE Core Math	120
MATH10044	ACE Technology Math	120
BIOL10011	ACE Biology	120
GSCI10004	ACE Chemistry	120
PHYS10000	ACE Physics	120
CRED10044	ACE Self Management and Self Direction	80
COMP10083	ACE Computers	80

### ACE Apprenticeship Math

**MATH10047**

Enhance skills developed in Core Mathematics in preparation for apprenticeship study. Topics include number sense and algebra; measurement and geometry; proportional reasoning; analytic geometry; relations and functions; trigonometric functions; statistics and personal finance. Prerequisite: MATH10045.

### ACE Biology

**BIOL10011**

Study the organization and energy of life. Complete one module on the human body and then choose a second focused on the human body or plant biology. Topics include environmental biology and the changing environment on plant Earth, a current and crucial issue.

### ACE Business Mathematics

**MATH10046**

Enhance your skill with business-related mathematics. Topics include arithmetic and geometric sequences and series; simple and compound interest; annuities; exponential growth; retail mathematics; data analysis; and solving various mathematical problems. Prerequisite: MATH10045

### ACE Chemistry

**GSCI10004**

Enhance your knowledge of chemistry. Focus on industrial and environmental issues, analyze problems, complete laboratory exercises and communicate scientific information effectively. Content is geared to adult learners entering health and environmental science programs. Prerequisite: MATH10045

### ACE Communication

**COMM10148**

Develop your communication skills for success in college and in the workplace. Learn to express yourself well when presenting and defending ideas with the use of oral, visual and written forms of communications.

### ACE Computers

**COMP10083**

Become comfortable using computer hardware and software (2 types) and online communication tools such as the Internet. Learn to generate documents, using popular application software. Ethical and safety issues associated with computer use are also discussed.

### ACE Core Math

**MATH10045**

Develop foundational skills in numeric and algebraic operations; measurement and geometry; collecting, displaying and analyzing data; mathematical relationships; statistics and probability; simple and compound interest; and everyday finance.

### ACE Physics

**PHYS10000**

Develop an understanding of physical concepts and principles and learn to apply them to various practical systems. Explore forces and motion; energy and simple machines; waves, sound, light, and optics; electricity and magnetism; and hydraulic and pneumatic systems.

### ACE Self Management and Self Direction

**CRED10044**

Develop knowledge, skills and behaviours to enhance academic, employment and personal effectiveness. Focus on areas such as self reflection, critical thinking, goal setting, study skills, organizational skills, group dynamics, and career/employment exploration.

### ACE Technology Math

**MATH10044**

Enhance algebraic skills mastered in Core Mathematics in preparation for technology study. Learn to solve applied problems involving trigonometry, polynomial/rational exponential expressions, polynomial/exponential/logarithmic functions, and geometric principles and measurement. Prerequisite: MATH10045.

[ce.mohawkcollege.ca](http://ce.mohawkcollege.ca)

## How to Register

**By Fax:** 905-575-2348

**By Mail:** CE Registration, Mohawk College  
P.O. Box 2034  
Hamilton ON L8N 3T2

**In Person:** Visit the CE Registration office at Brantford, Fennell or STARRT Campuses

## Contact Us

**Phone:** 905-575-2706

**Email:** [shelley.kitchen@mohawkcollege.ca](mailto:shelley.kitchen@mohawkcollege.ca)

**URL:** [disted.mohawkcollege.ca/ace.html](http://disted.mohawkcollege.ca/ace.html)