



ARTS & CULTURE

Organizational leaders increasingly acknowledge critical thinking, creativity, and innovation as among the top applied skills necessary for workers at all levels in all industries to succeed in the 21st century. The Arts and Culture sector makes a significant contribution and employs hundreds of thousands of skilled workers throughout Canada with total direct employment reaching an estimated 600,000 jobs (roughly the same as agriculture, forestry, fishing, mining, oil & gas and utilities combined). This new creative economy relies upon people who can think creatively, adapt quickly to new situations and problem-solve. The Arts and Culture sector is growing in Hamilton which includes local art galleries, recording studios and independent film production.

Grade 11 and 12 Courses Include:

- ❖ **Dramatic Arts**
- ❖ **Music**
- ❖ **Musical Theatre**
- ❖ **Photography**
- ❖ **Visual Art**
- ❖ **Communication Technology - Graphics**

- Entertainment Industry Power Technician
- Gem Setter/Goldsmith
- Native Clothing and Crafts Artisan
- Painter and Decorator
- Patternmaker-Textile, Leather, and Fur products

- Actor or Comedian
- Animator - Graphic Design and Illustration
- Announcer and Other Broadcasters
- Apparel Production Supervisor
- Artisan or Craftsperson
- Broadcast Technician
- Film or Video Camera Operator
- Graphic Arts Technician
- Interior Designer
- Technical and Coordinating Occupations in Motion Pictures, Broadcasting and Performing Arts
- Photographer
- Technical Occupations Related to Museums and Art Galleries
- Theatre, Fashion Exhibit and other Creative Designers
- Video Recording Technician

- Author or Writer
- Conductor, Composer, or Arranger
- Conservator or Curator
- Dancer
- Painters, Sculptors and Visual Artists
- Producer, Director, Choreographer, and Related Occupations
- Professional Occupations in Public Relations and Communications

- Camera, Platemaking or other Pre-press Operations
- Desktop Publishing Operator and Related Occupations
- Entertainer
- Graphic Artist or Illustrator
- Musician or Singer
- Photographic and Film Processor
- Sign Maker
- Textile Colourist
- Weaver, Knitter, other Fabric-Making Occupations

HOSPITALITY AND TOURISM

Hospitality and Tourism is one of Canada's largest and fastest-growing industries and is a \$21-billion business employing 491,000 people in Ontario. Hamilton's multicultural nature is reflected in the city's various restaurants with authentic cuisine, and several hotels. The economic impact of tourism is \$132 million, employing more than 2,300 people. Although the hospitality industry is expanding, the search for skilled staff remains a challenge for restaurant and hotel owners. Cathedral High School known for its Be My Guest hospitality program is the site for the SHSM Hospitality and accelerated OYAP Level 1 cook program.

Grade 11 and 12 Courses Include:

- ❖ **Hospitality and Tourism**
- ❖ **Baking**
- ❖ **Cooking**
- ❖ **Event Planning**

- Baker
- Butcher and Meat Cutter
- Chef
- Cook
- Special Events Coordinator

- Accommodation Service Manager
- Conference and Event Planner
- Food Service Supervisor
- Hotel/Resort Manager
- Restaurant and Food Service Manager
- Tourism Information Officer
- Travel Counsellor

- Dietitian
- Food Bacteriologist
- Nutritionist
- Public and Environmental Health Officer
- Public Relations and Communications

- Executive Housekeeper
- Food and Beverage Server
- Food Counter Attendant and Kitchen Helper
- Food Stylist
- Hotel/Front Desk Clerk
- Hotel Valet
- Purser and Flight Attendant
- Receptionist and Front Desk Clerk
- Reservation Agent
- Sales Representative—Wine, Food, Wholesale
- Ticket Agent
- Tour and Travel Guide
- Tourist Information Clerk

BUSINESS

The 21st century business environment is global and knowledge-based; accelerated advancements in technology have effectively ensured, that today's workplace is no longer limited by geographic boundaries. The service-producing sector has been growing rapidly in recent years and employs nearly three quarters of Ontario workers. The retail sector is the second largest sector in the Hamilton region employing over 11% of the working population. The Business Specialist High Skills major is designed to provide an opportunity for students to learn skills that will enable them to be successful in business careers and as entrepreneurs in a hands-on learning environment.

Grade 11 and 12 Courses Include:

- ❖ **Business Leadership**
- ❖ **Communication Technology**
- ❖ **Entrepreneurship**
- ❖ **Financial Accounting**
- ❖ **International Business**
- ❖ **Marketing**
- ❖ **Multi-media Solutions**

- Hardware, Lumber, and Building Materials Retailer
- Parts Technician
- Special Events Coordinator

- Accounting and Related Clerks
- Administrative Clerk and Officers
- Assessor, Valuator, and Appraiser
- Banking, Insurance and Other Financial Clerk
- Bookkeeper
- Conference and Event Planner
- Court Officer and Justice of the Peace
- Desktop Publishing Operator and Related Occupations
- Legal Secretary
- Loan Officer
- Personnel Clerk
- Purchasing Agent and Officer
- Specialist in Human Resources
- Supervisor, Finance and Insurance Clerks

- Economist and Economic Policy Researcher and Analyst
- Business Development Officer and Marketing Researcher and Consultant
- Executive Assistant
- Financial and Investment Analyst
- Financial Auditor and Accountant
- Mathematician, Statistician, and Actuary
- Securities Agent, Investment Dealer, and Broker
- Social Policy Researcher, Consultant, and Program Officer
- Specialist in Human Resources

- Accounting and Related Clerk
- Administrative Clerk
- Banking, Insurance, and Other Financial Clerk
- Customer Service and Related Clerks
- Customer Service Representative—Financial Services
- Customs, Ship and Other Broker
- General Office Clerk
- Payroll Clerk
- Purchasing and Inventory Clerk
- Real Estate Agent and Salesperson
- Receptionist, Admitting Clerk
- Retail and Wholesale Buyer
- Shippers and Receivers
- Storekeeper and Parts Clerk

HEALTH AND WELLNESS

According to Canada's Health Care System, published by Health Canada in 2005, "approximately 1.6 million people work in health care and social services in Canada". This figure, according to the same publication, makes this sector "the nation's third largest employer after manufacturing and the retail trade". At home in Hamilton, Health & Wellness is our fastest growing economic sector due to demographic shifts and an aging workforce, and employs 11% of our workforce. Students in this program specialize in Health, Fitness, or Child and Family Services.

Grade 11 and 12 Courses Include:

- ❖ **Child Development and Gerontology**
- ❖ **Health Care**
- ❖ **Fitness, Parenting**
- ❖ **Working with Children and Families**
- ❖ **Family Studies**
- ❖ **Food and Nutrition**
- ❖ **Challenge and Change in Society**

- Child and Youth Worker
- Early Childhood Educator
- Educational Assistant

- Ambulance Attendants and Other Paramedical Occupations
- Biomedical Engineering Technologist
- Community and Social Service Worker
- Dental Hygienist or Dental Assistant
- Documentation Clerk
- Funeral Director or Embalmer
- Health Care Aide
- Hospital Information Clerk
- Medical Laboratory Technician
- Medical Secretary
- Pharmacy Technician
- Practical Nurse
- Primary Care Paramedic
- Registered Massage Therapist
- Registered Orthopaedic Technologist
- Respiratory Therapist

- Audiologist or Speech-Language Pathologist
- Chiropractor
- Dentist
- Dietitian
- Family, Marriage and Other Related Counsellors
- Hospital Equipment Sales Representative
- Kinesiologist
- Medical Microbiologist
- Midwife
- Nutritionist
- Optometrist
- Pharmacist
- Registered Nurse
- Sports Therapist

- Blood Donor Clinic Assistant
- Certified Personal Trainer
- Doctor's Office Receptionist
- Fitness Instructor
- Hospital Admitting Clerk
- Hospital Cleaner
- Hospital Porter
- Lifeguard
- Recreation Program Leader
- Personal Support Worker

CONSTRUCTION

The construction sector is one of Ontario's largest employers and is the fifth largest sector in Hamilton according to Stats Canada. Construction accounted for the direct employment of close to 395,000 workers in 2005 in sOntario. According to the Hamilton Training and Advisory Board it is estimated that by 2011 20-30% of construction workers across a variety of trades will be eligible for retirement. In Ontario it is estimated that 56,300 workers will be needed just to sustain the construction workforce at its 2006 level. The SHSM Construction begins in grade 11. Students specialize in the construction sector and by grade 12 apprenticeship bound students participate in a semester long, four credit course, which enables students to experience many of the skills and trades available in the construction industry from the foundation stage and up. Students are under the supervision of skilled construction tradespersons and are involved in all facets of building stages. Opportunities for students interested in all four destinations are available.

Grade 11 and 12 Courses Include:

- ❖ **Construction Technology**
- ❖ **Technological Design**

- Brick and Stone Mason
- Carpenter
- Construction Millwright
- Electrician
- Heating and Air Conditioning Contractor
- Painter and Decorator
- Plumber
- Roofer

- Architectural Design Technician/Technologist
- Civil Engineering Technologist
- Construction Estimator
- Construction Manager
- Construction Technologist
- Contractor and Supervisor - Electrical Trades and Telecommunications
- Home Inspector
- Interior Designer
- Residential Home Builder or Renovator

- Architect
- Electrical Engineer
- Mechanical Engineer
- Structural Engineer

- Carpenter Helper
- Concrete Finisher
- Construction Trades Helper and Labourers
- Demolition Worker
- Drywall Installer
- Helper - Construction Trades
- Home Renovator

