

CAREER INFORMATION BRIEF #44 Emerging Professions



The Centre for Career Education is excited to present the 44th monthly career information brief. The purpose of these career information briefs is to provide faculty and staff with timely information which they can use to assist students who are inquiring about more career specific information.

Introduction

As a result of the changing nature of Canadian industry and current technology, Canada's directory of job titles, known as the [National Occupation Codes \(NOC\)](#), is currently in the process of being updated for 2011, and will include a range of new professions.

New Professions Currently Emerging

Wind Turbine Technician

Wind Turbine Technicians are responsible for using their technical skills and training to perform maintenance and/or installation work on assigned wind turbines. Wind Turbine Technicians need to have some related experience and a diploma in a related mechanical discipline. Annual salaries range from \$40,000 - \$50,000.

Environmental Compliance Specialist

Environmental Compliance Specialists conduct required environmental tests, analysis and observations. They evaluate results and make necessary recommendations for maintaining compliance with regulatory agencies. Environmental Compliance Specialists require a bachelor's degree in a related area and 2-4 years of experience in the field. Familiarity with standard concepts, practices, and procedures is also required. Annual salaries range from \$56,000 – \$81,000.

Nursing Informatics Analyst

The Nursing Informatics Analyst is responsible for supporting clinical documentation processes and applications. This position requires strong analytical and facilitator skills to identify documentation requirements and design documentation systems to support best practice guidelines in patient care processes and work flow. The nursing informatics analyst oversees training and support for documentation compliance, and implementation and coordination of workflow and upgrade improvements to the clinical documentation system. A Bachelor's degree in Nursing or RN with advanced training in Informatics systems is required. Annual salaries range from \$48,000 to \$65,000.

MRI Technician

The MRI technician performs diagnostic Magnetic Resonance Imaging (MRI) scans for the diagnosis and tracking of disease and pathology. An MRI technician participates in consultations with medical staff, and may also assist in interpretation of MRI results. This occupation requires a Magnetic Resonance Imaging Technology diploma. Additional specialization required may include drug administration and intravenous injection training, where specified. All MRI technicians must be certified as an MRI Technologist by the Canadian Association of Medical Radiation Technologists. Rate of pay is \$33 to \$39 per hour.

Web Content Writer / Social Media Coordinator

The Web Content Writer / Social Media Coordinator develops, coordinates and executes creative, timely and successful web content and social media communications for all of a company's websites and social media outlets enabling the company to share promotions, sales, and provide support to its customers. Essential qualifications for this profession include a Bachelors Degree in Communication, Journalism, English or related field, and a minimum 2 years experience writing, proofing and editing web content. A thorough understanding of the Internet and Search Engines, as well as, social media strategy and management of social web technologies such as Facebook and Twitter are also required. Annual salaries range from \$34,000 to \$57,000.

Data Security Analyst

The Data Security Analyst maintains computer and integrated systems to protect data from unauthorized users or other threats. The Data Security Analyst identifies, reports, and resolves security violations, and prevents fraud and cyber attack by using cyber threat intelligence to use countermeasures within the firm's IT environment. This position requires a bachelor's degree or college diploma in computer science and 0-2 years of experience in the field or related area. Annual salaries range from \$44,000 – \$60,000.

Resources Available to University of Windsor Students

The Centre for Career Education offers a wide variety of programs and services that can assist students with career development including:

- a. Vocational assessments to help identify potential career paths and choices
- b. 1-1 Career Advising
- c. Experiential learning programs such as Volunteer Internship Program and EXCEL Leadership Program
- d. Assistance with resume and cover letter writing, job search planning, and interview preparation and practice through Mock Interview sessions

For a complete list of services visit our website at <http://www.uwindsor.ca/cce>

To help students prepare for work the Centre for Career Education offers the following resources:

- Resume Clinic – Please check website for Summer hours
- Online resume critique – resume@uwindsor.ca
- Career/Vocational Advising (by appointment) Room 111 Dillon Hall. To register for an appointment go to <https://career.uwindsor.ca> or click on **myCareer** via the student portal at <https://my.uwindsor.ca>, create an account and review and register for appointments on the events calendar.
- 1-1 resume, job search, mock interview with employment advisor. To register for an appointment go to <https://career.uwindsor.ca> or click on **myCareer** via the student portal at <https://my.uwindsor.ca>, create an account and review and register for appointments on the events calendar.
- Pathways to Success instructional workshops focusing on career planning and development of employment readiness skills. To register for workshops go to <https://career.uwindsor.ca> or click on **myCareer** via the student portal at <https://my.uwindsor.ca>, create an account and review and register for workshops on the events calendar.
- CCE Resource Page on myCareer. Interactive modules provide a depth of information on the career planning process, self assessment, research and career exploration, developing a career plan, preparing for a job search, resume writing, interview skills development, salary negotiation, graduate school information etc... To access the CCE resource page, go to <https://career.uwindsor.ca> or click on **myCareer** via the student portal at <https://my.uwindsor.ca>, create an account and click on the resource page tab at the top of the dashboard.
- Optimal Resume and Optimal Interview. Located on the myCareer resource page, these online interactive resources take provide instruction and guidance through all of the steps of preparing an industry specific resume and preparing for an interview. Students can develop resumes and record interviews online which can be submitted to CCE staff for evaluation and critique. To access the Optimal Resume and Optimal Interview programs, go to <https://career.uwindsor.ca> or click on **myCareer** via the student portal at <https://my.uwindsor.ca>, create an account and click on the resource page tab at the top of the dashboard.