



INTERNET SYSTEMS SPECIALIST DIPLOMA

Full-Time 12-Month Program - Next Start Date: October, 2012

The complex nature of Internet systems requires a systems specialist with skills that span a broad base of technologies and Internet-specific competencies. A strong foundation in networking and application development is an absolute necessity, along with the knowledge of Internet protocols, security issues and server management. Above all, Internet Systems Specialists must be creative and integrative in their problem-solving approach to keep astride with technological change.

The full-time Internet Systems Specialist Diploma Program exposes students to the wide array of Internet-based technologies from the front-end client-side technology of XHTML, CSS, Javascript, Flash, and Photoshop to the back-end programming and database technology of PHP, Perl, ASP.net, Java, and MySQL. This program also unravels the infrastructure of Linux, Windows, Apache, TCP/IP, and the security systems that bind everything together.

AREAS OF STUDY:

- Project Management for Web Projects
- Photoshop
- Principles of Web Design
- Introduction to Unix O/S
- XHTML
- Cascading Style Sheets (CSS)
- Dreamweaver
- DHTML
- Javascript
- Flash
- XML
- Access
- MySQL
- PHP Programming
- Java Programming
- Asp.Net
- Networking Fundamentals
- TCP/IP
- Windows Administration
- Advanced Unix
- Internet Site Administration
- Securing the Web
- Implementing Security
- Web 2.0 Technologies
- AJAX
- E-Commerce Project

Note: Program content subject to change based on local job market requirements.

TUITION:

\$16,000 - Total domestic cost inclusive of all material (subject to change)

A \$500 deposit is paid upon acceptance to the program. This is included in the total tuition cost.

PROJECT WORK:

Students complete three projects throughout the program year, which can serve as portfolio pieces upon graduation. Offering hands-on training in time and project management, the project work also allows students to apply their technological skills in a real-world manner.

Projects include:

- Creating a database-driven website
- Java software development
- A group e-Commerce project

FULL TIME PROGRAM INCLUDES:

- Resume & Job Search Preparation
- One month Work Practicum
- iPad 2 and Safari Online Book Account
- Specialized Curriculum for High-Growth Industries
- Industry Recognized Instructors
- Enrolment in part-time IT courses at no charge for 6 months, post-graduation (some restrictions apply)

INTERNSHIP OPPORTUNITY:

Students who successfully complete the program requirements are eligible for an internship placement during the final four weeks of the program.

(Some restrictions apply)

Students have been placed with the following organizations:

- Province of Manitoba
- City of Winnipeg
- Project Whitecard
- Cocoon Branding
- Manitoba Public Insurance
- Apptius Computer Solutions
- Lanoie.com

CAREER OPPORTUNITIES:

Graduates enjoy strong employment success and have established exciting careers in the following areas:

- Regional Web Developer for Manitoba & Saskatchewan, Canadian Broadcasting Corporation (CBC)
- Web Developer, City of Winnipeg
- Digital Marketing Director, LIV Interactive
- Consultant , Apptius Computer Solutions
- CEO, Project Whitecard
- Web Coordinator, Wawanesa Insurance

ACADEMIC ADVISING:

To enroll in this program:

- Submit a completed Application for Admission Form for Internet Systems Specialist Diploma with supporting documents to the UWDC Registration Office.

For more more information contact Cathy at 204.982.1156, c.domke@uwinnipeg.ca or Cori at 204.982.1704, co.reimer@uwinnipeg.ca

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