



THE UNIVERSITY OF WINNIPEG



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where you matter most

Division of Continuing Education



Aboriginal Information & Communication Technologies

Diploma Program
2010/2011



ictam

building connections

Aboriginal Information & Communication Technologies Diploma

The Aboriginal Information & Communication Technologies Diploma (AICTD) program is offered in partnership with the **Information and Communication Technologies Association of Manitoba (ICTAM)**.

This program will prepare individuals of Métis, First Nation, or Inuit descent to be successful in pursuing entry level positions within the Information & Communication Technologies sector. The program combines solid technical skills with the highly sought after business skills required to be a key member of any team. The combination of both parts will make for a highly skilled and valuable individual ready to contribute on many facets and levels of an organization's needs.

LEARNING OUTCOMES

This program will focus on the academic preparation, communication skills, business understanding, ability to work within various projects, and solid technical know-how. Graduates will be equipped for the workforce with a transferable skill set that will open up opportunities in a variety of fields, including help desk support, junior programmer, junior web programmer and junior network support technician.

Preparatory Courses (172 Hours)

- Essential Skills and Portfolio Development (50 Hours)
- Introduction to University (72 Hours)
- MS Office Certificate (50 Hours)

Core Technical Course (691 Hours)

- Networking Fundamentals (30 Hours)
- Intermediate Networking (30 Hours)
- Networking Protocols (30 Hours)
- Advanced Networking (30 Hours)
- Windows Administration (60 Hours)
- Introduction to Linux (30 Hours)
- Introduction to Programming (15 Hours)
- Introduction to OO Programming (12 Hours)
- Introduction to Web Programming (60 Hours)
- Advanced Web Programming (45 Hours)
- MS SQL Server Introduction and Development (48 Hours)
- Data Modeling and Database Design (24 Hours)
- Introduction to Business Analysis (30 Hours)
- Information Assurance and Security Levels 1-4 (72 Hours)
- Software Development Practices (15 Hours)
- .Net Programming I (60 Hours)
- .Net Programming II (60 Hours)
- Final Project (40 Hours)

Core Management Course (215 Hours)

- Effective Oral Communications (36 Hours)
- Effective Written Communication (36 Hours)
- Business Fundamentals (36 Hours)
- Creative Thinking for Problem Solving (7 Hours)
- Excellence in Customer Relations (7 Hours)
- Business Math (36 Hours)
- Managing your Priorities (7 Hours)
- Project Management for IT Professionals (36 Hours)
- Problem Solving and Decision Making (7 Hours)
- Working with Difficult Colleagues (7 Hours)

*Courses and hours subject to change

Funding Provided by:
The Government of Canada
The Manitoba Government

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ELIGIBILITY REQUIREMENTS

Admission to program (all)

1. Meet application form admission requirements
2. Successfully pass the entrance exam
3. Successfully pass an interview

Funding for program (at least one)

1. Unemployed (working less than an average of 20 hrs/wk) and a current or previous Employment Insurance recipient
2. Unemployed and receiving income assistance benefits
3. Low income individual or family
4. An individual about to lose job
5. Unemployed and not receiving income assistance or Employment Insurance

ADVISORY COUNCIL

- Information & Communication Technologies Association of Manitoba (ICTAM)
- IBM
- MTS Allstream Inc.
- HP Enterprise Services
- IDFusion Software
- Technologies for Learning Group
- Sapphire
- The Natural Sciences and Engineering Research Council of Canada (NSERC)

HP Enterprise Services supportive partners in helping with the training of the students.

How do I register?

Complete the 'Application for Admission' forms available at:

www.dce.UWinnipegCourses.ca

Forward the completed application along with all supporting original documents to:

IT Program Area
University of Winnipeg, DCE
515 Portage Ave
R3B 2E9

For more information:

204.982.6633

s.dram@uwinnipeg.ca