

BRIDGING AND FOUNDATION PROGRAMS

ACADEMIC PARTNERS

a. Red Rivers College, Canada

Red River College (RRC) is Manitoba's largest Institute of applied learning and has more than 110 full-time programs. RRC has eight campuses with state-of-the-art equipment and facilities in Manitoba. Graduate employment rate at RRC is 96.1%

*For More information: - www.rrc.mb.ca

b. UCOL, New Zealand

UCOL - Universal College of Learning - was founded in 1906 and was then known as the Palmerston North Technical School. It is public funded technology institute in New Zealand.

*For More information: - www.ucol.ac.nz

c. Ayr College, Scotland

Ayr College (read AIR College) was founded in the early 1940s with the aim to meet the need of the local, national and international community by providing high quality education and training'. It is a large public funded college in Scotland, UK, with over 475 highly trained members of staff and over 8000 students.

*For More information: - www.ayrcoll.ac.uk

d. Natcoll, New Zealand

Natcoll is New Zealand's largest specialist private tertiary provider of creative digital technology courses and related resources. Established in 1997 Natcoll has campuses in Auckland, Wellington and Christchurch which offer:

The government of New Zealand has recognized Natcoll's commitment to education and determination to provide first-class educational opportunities in the following ways:

The Tertiary Education Commission has granted us a 7-year approval for Natcoll's charter.

Natcoll is amongst a small percentage of tertiary providers to be granted a 3-year audit cycle by the New Zealand Qualifications Authority.

*For More information: - www.natcoll.ac.nz

e. Healthcare Direct Staffing, USA

Healthcare Direct Staffing (HDS), is a division of a United States based healthcare company. At HDS, they offer Nationwide jobs. The company employs over 250 physical, occupational and speech therapists, hospitals, school systems, extended care facilities, outpatient facilities and home health agencies.

f. Canadian Institute Of Management and Technology, Canada

CIMT is a registered private career college in the province of Ontario .It was established in 1998. It is located in the city of Mississauga. It enjoys close proximity to the International Airport, City of Toronto and Multinational Corporation offering tremendous employment opportunities.

CIMT offers a variety of courses in the field of technology and Management. In addition CIMT also offers many short-term courses in the areas of computing, accounting, business and languages

*For More information: - www.cimtcollege.com

g. Sheridan College, Canada

Sheridan delivers career-focused education and training across a wide range of disciplines to 15,000 full-time students annually at its campuses in Oakville and Brampton, Ontario.

Founded over 40 years ago, Sheridan has graduated over 100,000 alumni who have made an impact in the arts, business, technology and community service fields, both in Canada and internationally.

With a graduate employment rate over 88% and an employer satisfaction rate over 93%.

*For More information: - www.sheridanc.on.ca

h. Castle College, UK

Castle College is a state-funded college based in Nottingham; a vibrant city in the centre of UK. They offer a wide choice of programmes, with excellent progression opportunities to top british Universities.

Castle College is a member of British Council's Education UK Partnership & English UK, and have been welcoming international students from over 30 different countries.

*For More information: - www.castlecollege.co.uk

c. Foundation Biotechnology (FBT)

Courses with credits:

a) BIOT001	Basics of Biotechnology	6 credits
b) COMM001	English Language Skills	6 credits
c) COMP001	Basic Computing Skills	3 credits

d) **GNED001** Introduction to foreign education & culture 3 credits

Course Code: BIOT001

Course Name: Basics of Biotechnology

Length: 84 Hrs **Duration: 6 Hrs per week** **Credits: 6**

Course Contents

1. Introduction to Bimolecular
2. Introduction to Biochemistry
 - a) Study of biochemical pathways
 - b) Signal Transduction mechanism
 - c) Biological membranes
3. Introduction to molecular biology
 - a) Cell function & inheritance
 - b) The continuation of life
4. Introduction to Genetic Engineering
 - a) Gene cloning concepts
 - b) Basic Genetics
 - c) Culture techniques
5. Introduction to Enzymology
 - a) Enzyme in Industries
 - b) Kinetic studies
6. Basic Immunology

Course Code: COMM001

Course Name: English Language Skills

Length: 84 Hrs **Duration: 6 Hrs per week** **Credits: 6**

Course contents:

1. Grammar Skills-intermediate to advance
2. Writing skills
 - a) Essay Writing
 - b) Paragraph writing
 - c) Summary writing
 - d) Letter writing
 - e) Different types of essays
3. Research Skills
4. Interview skills

5. Resume writing
6. Career portfolio
7. Communication Skills for different situations like workplace-email, memos etc
8. IELTS Skills
 - a) Reading
 - b) Writing
 - c) Speaking
 - d) Listening

Course Code: COMP001

Course Name: Basic Computing Skills

Length: 42 Hrs

Duration: 3 Hrs per week

Credits: 3

Course Contents

1. Fundamentals of Computers
2. Computer Hardware
3. Application Software
4. Operating Systems and Utility Programs
5. Managing Files in Explore
6. Microsoft word
7. Microsoft excel
8. Microsoft PowerPoint
9. Internet and World Wide Web
10. Accessing and subscribing to online resources
11. Communications and Networks
12. Security and Privacy

Course Code: GNED001

Course Name: Introduction to foreign education & culture

Length: 42 Hrs

Duration: 3 Hrs per week

Credits: 3

Course Contents:

1. Introduction to the Foreign culture
2. Adaptability in diverse cultures
3. Personality Development
4. Study abroad-Rules & regulations pertaining to study permit, work permit & immigration
5. Analyzing social customs

6. Social etiquettes, ethics & norms
7. College Skills in Canadian Environment
1. Note taking skills
2. Time management skills
3. Listening/speaking (lecture)
4. Academic Dishonesty like plagiarism, cheating etc

Career Path for FBT

