



JOINT PROGRAM

# INDUSTRIAL ARTS/TECHNOLOGY TEACHER EDUCATION

---

This is an integrated diploma/degree program offered by Red River College and The University of Winnipeg. The program develops the teaching and technical skills you require for teaching industrial arts and technology education programs in the public school systems.

---

Emphasis is placed on developing your knowledge and skills in key areas – manufacturing, power and energy, graphic communications, construction, computer applications – as well as in curriculum development and teaching methodology.

After you successfully complete the five-year program, you will receive a diploma in Industrial Arts/Technology Teacher Education from Red River College as well as a Bachelor of Arts or Science and a Bachelor of Education from The University of Winnipeg.

In addition to the regular five-year *Integrated* pattern, there is also a three-year *After Degree* pattern for those who have previously completed another undergraduate degree, and a one-year *Accelerated* pattern for students who already hold a Bachelor of Education.

---

## SAMPLE CAREERS

Graduates may find employment in the public school system.

## SAMPLE COURSES – RED RIVER COLLEGE

**Construction Technology – Introduction** - This course exposes students to a complete survey of the construction industry. Students will explore this rapidly growing field through activity-oriented instruction, which includes the broad systems of construction, selected concepts in pre-construction, construction, post construction and considerations of future trends.

**Graphic Communications Technology 1** Students will be introduced to Graphic Communications through drafting, printing, photography, graphics and other communication processes used in business and industry. Graphic Communications explores various methods of communication used to convey information in a variety of formats. Traditional practices will be explored as a foundation for the implementation of computer-based technologies used in the public school system. This course will cover communication theory, message analysis, sketching, drafting, introductory computer aided drafting (CAD), screen printing and an introduction to photography.

---

## **SAMPLE COURSES – UNIVERSITY OF WINNIPEG**

**THE SCHOOL SYSTEM: STRUCTURE AND DYNAMICS** This course will focus upon the structure and functions of the public school system at local, provincial and national levels. Emphasis will be on organizational, political, and legal aspects of the educational system as they relate to the classroom teacher.

**INCLUSIVE APPROACHES TO TEACHING EXCEPTIONAL STUDENTS** This course addresses the relevant theories, delivery systems, assessment, adaptive programming, family and community involvement, and education services for children with mild to moderate cognitive, emotional, and behavioural special needs. Attention is paid to the mandated provincial curriculum and policies as well as professional, legal, ethical, and societal considerations.

## **STUDY PATTERN**

### **Integrated:**

Year 1-5 both UWinnipeg and RRC every year

### **After Degree:**

Year 1-2 RRC

Year 3 UWinnipeg

### **Accelerated:**

Year 1 RRC only (apply through Red River College)

---

## **REQUIRED HIGH SCHOOL COURSES**

You must meet the entrance requirements for the Faculty of Education at The University of Winnipeg. If you do not meet the requirements, but are 21 years of age or older on or before December 31 in your year of admission, you may apply as a special admission student. See the University's Academic Calendar.

## **HOW TO APPLY**

You must apply to The University of Winnipeg by March 1 for fall entry. For details and to apply online, please visit [uwinnipeg.ca/apply](http://uwinnipeg.ca/apply)

For more information contact a student recruitment officer at [welcome@uwinnipeg.ca](mailto:welcome@uwinnipeg.ca) or 204.786.9844. In any case where the University's Academic Calendar and this fact sheet differ, the current Calendar takes precedence.

## **CONTACT US**

### **Education Office**

P 204.786. 9491

<http://education.uwinnipeg.ca>

### **Red River College Teacher Education**

P 204-632-2300

Email: [teachered@rrc.ca](mailto:teachered@rrc.ca)

<http://blogs.rrc.ca/teachered/>

---