



## **CTS Summer Institute Overview**

The CTS Summer Institute will be delivered during a one week period to Career and Technology Studies (CTS) teachers. Course content includes information related to CTS Safety, the historical development of CTS, Project Management, and dealing effectively with special needs students, as well as instruction specific to Construction Fabrication, Food Studies, and Photography. Teachers who wish to register for either of these course streams must submit their active teacher certificate numbers and the school board they are employed with at time of registration. NAIT also offers a wide range of other continuing education courses. You can view these courses online at [www.nait.ca/continuingeducation](http://www.nait.ca/continuingeducation)

## **CTS10 -CTS Summer Institute Construction Fabrication**

The Construction Fabrication summer course is designed for CTS teachers and will address issues related to safety in a construction fabrication shop. Along with basic project construction, the course will look at other aspects of the teaching profession. These include the instructor working with special needs students and aspects of Project Management related to the education environment.

Over 20 hours are spent hands-on in the NAIT workshops constructing a variety of projects suitable to take back to the classroom. Participants will be evaluated on the quality of their completed shop projects and a project management charter. There will also be some quizzes and assignments throughout the week. Prerequisite: Bachelor of Education Degree

**July 5 to 9, 2010**

**Mon to Thu, 8:00 am - 4:30 pm and Fri, 8:00 – 1:00 pm**

**Fee:\$500**

## **CTS12 - CTS Summer Institute Construction Fabrication II**

This Construction Fabrication summer course is designed for CTS teachers at the Junior High or High School level and will provide the information required to address the specific areas identified in the CTS modules CON2130 through CON2180. The subject matter covered includes box construction, finishing & refinishing, frame & panel, web & face frame, and door & drawer construction. Most of this 30 hour course will be spent in the shop building projects designed to be taken back to the classroom. Evaluation will be based on the completed projects and class assignments.

Prerequisite: Bachelor of Education Degree & CTS10.

**July 12 to 16, 2010**

**Mon to Thu, 8:00 am - 4:30 pm and Fri, 8:00 am – 12:00 pm**

**Fee: \$500**

## **CTS20 - CTS Summer Institute Foods**

The Food Studies summer course is designed for CTS teachers looking expand their knowledge on curriculum related to teaching Food Studies in a safe laboratory. Along with basic food content, the course will look at other aspects of the teaching profession. These include working with special needs students, nutrition and food safety and aspects of Project Management related to the education environment.

Over 20 hrs are spent hands-on in the NAIT kitchens preparing hot foods, cold foods and desserts that will be suitable as junior high or high school classroom projects. Participants will be evaluated on the quality of their completed menu items and a project management charter. There will also be some quizzes and assignments throughout the week.

Prerequisite: Bachelor of Education Degree.

**July 5 to 9, 2010**

**Mon to Thu, 8:00 am - 4:30 pm and Fri, 8:00 am - 1:00 pm**

**Fee:\$500**

## **CTS22 - CTS Summer Institute Foods II**

This second level Summer Institute for foods teachers will cover the new curriculum elements while keeping a budget in mind. The focus will be on baking, pastries, and cold foods. We will be making Austrian (Croatian) strudel, choux paste and éclairs, cakes, French bread, and an assortment of canapés. The class will also touch on ideas in sandwiches, chocolate work, cake decorating, glazes, and different places to shop for food around town. Students should note that the entire time is spent in the kitchens so appropriate clothing and foot wear must be worn. This course is not designated as University credit transfer. Prerequisite: Bachelor of Education Degree. & CTS 20.

**July 12 to 16, 2010**

**Mon to Thu, 8:00 am - 4:30 pm and Fri, 8:00 am – 12:30 pm**

**Fee:\$500**

## **CTS30 CTS Summer Institute Photography/Video**

This photography/video summer course is designed for CTS teachers looking expand their knowledge on curriculum related to photography classes. The Photographic Component of this course (3 days) will include:

- An overview of digital photography and digital SLR operation (intermediate level), including:
  - a thorough understanding of exposure mode choices;
  - technical and aesthetic use of depth of field;
  - technical and aesthetic control of motion (stopping action and intentional blur)
  - use of different lenses, for practical and aesthetic reasons.
- Image processing/workflow issues related to digital imaging
- An emphasis on lighting for digital photography, including elements of
  - natural light;
  - use of portable/strobist flash;
  - studio lighting involving multiple light sources; and
  - lighting control applicable to portrait and / or still life situations.
- Photojournalism / event coverage appropriate to school situations.
- Compositional information and theme/assignment ideas suitable for classroom use.

The Video Content will include (2 Days)

Video Production in Final Cut Pro doing:

- Scripting
- Writing
- Movie Making

Prerequisite: Bachelor of Education Degree. Students must supply their own digital SLR camera and know its basic operation.

**July 5 to 9, 2010**

**Mon to Fri 8:30 am - 4:30 pm**

**Fee:\$450**

**To register for any of these programs you can call 780-471-6248.**

**For more information please visit our website at [http://www.nait.ca/program\\_home\\_49904.htm](http://www.nait.ca/program_home_49904.htm) or contact Laurie Haldorson at 780.378.5044, [lhaldor@nait.ca](mailto:lhaldor@nait.ca)**