

## Reading Division 8 Plans

### BLPR 117

**Credits: 0**

**Total Modules: 3**

#### **Description:**

This course provides understanding of blueprints, shop drawings, and specifications within the glazing industry. Students will learn to analyze a set of drawings and specifications to resolve discrepancies, solve common issues and produce basic sketches.

Effective Fall 2015/16



## Course Evaluation:

Quiz	10%
Assignment	30%
Project	20%
Final Exam	40%
Total	100%

**Note:** Students must achieve a minimum of 80% in this course in order to qualify for credit towards the Master Glazier Certification from the Provincial Glaziers Association of Alberta (PGAA).

SAIT Grading Scale

Percentage Grade	Letter Grade	Grade Points
90-100	A+	4.0
85-89	A	4.0
80-84	A-	3.7
77-79	B+	3.3
73-76	B	3.0
70-72	B-	2.7
67-69	C+	2.3
63-66	C	2.0
60-62	C-	1.7
55-59	D+	1.3
50-54	D	1.0 Minimal Pass
0-49	F	0.0

### Additional Information:

This is a required course towards the Provincial Glaziers Association of Alberta (PGAA) Master Glazier Certification Program. For more details about the program and to enroll please visit <http://www.pgaa.ca/>.

### Attendance:

Effort and involvement are as essential for learning as they are for success in your career. To help assure your success, participation in all activities of this course is expected. Your program will identify any specific requirements applicable to this class and delivery method. Reference: Procedure AC.3.8.1 Attendance Requirements (available on <http://www.sait.ca>).



## **Student Code of Conduct**

Academic dishonesty is considered to be an extremely serious academic offence.

Reference: Procedure AC. 3.4.1 - Student Code of Conduct (available on <http://www.sait.ca>).

## **Ownership of Student Produced Work**

According to Policy AC.3.10, SAIT will normally return students' work to the students.

However, in certain courses, SAIT retains the right to keep physical possession of the students' work. Your instructor will discuss this with you at the start of the course. Reference: Procedure AC. 3.10 - Ownership of Student Produced Work (available on <http://www.sait.ca>).



## **Field Trips**

Field trips may be scheduled if a local or provincial activity is deemed to be a valuable learning experience for this course. Students will be provided with timely information to facilitate preparation for the field trip. Students are expected to participate and to follow directives to minimize safety and health risks. Reference: Procedure A.C.2.13.1 Field Trips (available on <http://www.sait.ca>).

## **Time Guidelines:**

*Subject to change, the following section times are a suggested guide in order to meet learning goal*

15.00 Hours

## **Course Text(s):**

## **Reference Text(s):**

## **Materials:**

Ruler, sketching paper, Erasers



# Course Content

*Below is presented a list of the learning modules used to achieve the learning outcome(s) for this course.*

## 1. Views, Types and Schedules

### **Learning Outcome:**

Interpret blueprints and specifications.

### **Objectives:**

- 1.1 Identify the different views.
  - 1.2 Determine appropriate products based on blueprints and specifications.
  - 1.3 Review all related schedules in the blueprints and specifications.
- 

## 2. Troubleshooting

### **Learning Outcome:**

Resolve issues with blueprints and specifications.

### **Objectives:**

- 2.1 Analyze project blueprints and determine if the complexity of the project matches the detail of the blueprint.
  - 2.2 Identify conflicts between drawings and specifications.
  - 2.3 Evaluate if there is enough information on a set of blueprints and specifications.
  - 2.4 Communicate details or incomplete information.
  - 2.5 Propose a resolution to blueprint conflicts.
- 

## 3. Isometric Drawings

### **Learning Outcome:**

Produce basic freehand isometric detailing.

### **Objectives:**

- 3.1 Review two-dimensional details.
- 3.2 Determine a three-dimensional concept.



- 3.3 Create a basic three-dimension isometric sketch.
  - 3.4 Label isometric presentations
- 

# SAIT Course Outline

SAIT's vision is sharply focused – to be recognized as Canada's premier polytechnic, one of the world's finest, setting the standard in education, training and innovation.

SAIT shall be an innovative organization equipping people to compete successfully in the changing world of work by providing relevant, skill-oriented education.

**ALL RIGHTS RESERVED:**

This material may not be reproduced in whole or part without written permission from the Director.  
Centre for Instructional Technology and Development.  
Southern Alberta Institute of Technology,  
1301 16 Ave. N.W. Calgary AB T2M 0L4