



Pursuit of Excellence: Architecture Pathway

Staff Contact: Mr. Beeston

Canadian Schools that Offer Architecture Programs:

- Bachelor Degrees: Waterloo, Toronto, Ryerson, Carleton, McGill, and Dalhousie
- Masters Degree Only: UBC, Calgary and Manitoba

Required Coursework:

- Pre-Calculus 11
- Physics 11
- Chemistry 11
- Drafting 11
- Pre-Calculus 12
- Physics 12
- Chemistry 12 (only if applying to McGill)
- Calculus 12 or Math 100
- Drafting 12
- At least two senior level art courses

Recommended Coursework:

- a business elective (most architects are self-employed)

Project: Architecture Portfolio (to be completed by the end of grade 12)

- Your portfolio should demonstrate your design and artistic abilities. It must include photographs or high quality colour photocopies of 10 original pieces demonstrating artistic design.
- You may include any of the following:
 - hand drawings
 - paintings
 - sculptures
 - photography
 - technical drawings
 - computer graphics
 - model making

Note: you will be required to submit this portfolio with many of your applications to schools of architecture. Pieces created in class are acceptable.

Pathway Exploration/Work Experience: 20 hours over 2 years.

- may include job shadowing an architect, visiting a university with an architecture or engineering program, interviewing professionals in the field.

Name: _____

Architecture Pathway Tracking Form

Course	Year and Semester Completed	Grade (%)
Pre-Calculus 11		
Physics 11		
Chemistry 11		
Drafting 11		
Pre-Calculus 12		
Physics 12		
Chemistry 12 (for McGill)		
Calculus 12 or Math 100		
Drafting 12		
Art		
Art		

Project: Architecture Portfolio (to be completed by the end of grade 12)

- You may choose any staff member to review your portfolio.

Staff Assessor: _____

PLEASE PRINT

I have reviewed _____ architecture portfolio and

STUDENT'S NAME

acknowledge that the following criteria has been met:

- The portfolio includes 10 photographs or high quality colour photocopies of the student's original design work or art work.
- Each photograph is accompanied by a detailed description of the piece

STAFF ASSESSOR SIGNATURE

Pathway Exploration/Work Experience: 20 hours total (may be completed any time during grades 11 and 12, including breaks)

Examples:

- job shadowing an architect, draftsman, urban planner, or engineer
- visiting a university with an architecture program to find out admissions requirements, etc...
- visiting a university with an engineering program to find out the difference between architecture and civil engineering
- interviewing professionals in the field
- interviewing current architecture students or graduates

Once you have completed your pathway related activities, log your hours in a Pathway Exploration/Work Experience Form. Fill out one form per activity.