

Environmental Design

The environmental design courses create awareness of the role that the built environment plays in our daily lives. The environmental design learning outcomes develop skills, knowledge, and abilities to explore relationships between people and the built environment by evaluating, designing, and creating.



Course Description

Grade 12 Environmental Design focuses on the development of skills, terms, and knowledge in the field of housing and interior design. The principles and elements of design form the foundation of the course through the application of digital drafting and designing living spaces. Students will investigate social justice, sustainability, consumer decisions, housing security, and economic and legal considerations within the built environment, and demonstrate the ability to meet the needs of individuals, families, and communities.

Career Pathways

Career pathways in environmental design include architecture, landscape architecture, interior design, and regional and urban planning.

Goals

- 1. Technical and Applied Skills:** The learning experiences in this goal will assist students as they develop the knowledge and skills they need to create built environments that support individuals, families, and communities. Students will be given the opportunity to explore their ideas through practical experiences in a safe and supportive environment.
- 2. Fundamentals of the Principles and Elements of Design:** The learning experiences in this goal will assist students as they develop the knowledge and skills that are used within the domain of environmental design. Students will be given the opportunity to explore and use these skills, resources, and processes to design environments for individuals, families, and communities.
- 3. Citizenship and Sustainability:** The learning experiences in this goal will assist students as they develop the knowledge and skills they need to become citizens who look critically at people's quality of life—locally, nationally, and globally—with the desire to make positive changes towards a sustainable and equitable future.
- 4. Relationships and Influences:** The learning experiences in this goal will assist students as they develop the knowledge and skills they need to build and maintain positive relationships and to understand the issues and challenges that affect individuals, families, and communities.
- 5. Career Development:** The learning experiences in this goal will assist students in developing the knowledge and skills necessary for effective communication, teamwork, and leadership that contribute to success in learning, life, and work.