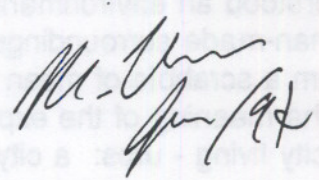


TOTAL CREDIT HOURS: 4
PREREQUISITES:

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY
SAULT STE. MARIE, ON.

COURSE OUTLINE

COURSE TITLE: Urban Planning (North)
COURSE CODE: ARC 318
PROGRAM: Architectural Technology
SEMESTER: IX (Winter)
AUTHOR: Henry Pietrzakowski
DATE: 4 January 1994
PREVIOUSLY DATED:



APPROVED: LP Orzech
(DEAN)

DATE: _____

This course provides the student with an introduction and understanding of the concept of urban planning. From the point of view that the "city" is a dynamic and ever-changing entity. An in-depth study of planned urban settings (both past and present) will attempt to reveal within the student a realization that the concepts behind urban planning on a macro scale are in fact ideals that are consistent with architectural design on a micro scale.

TOTAL CREDIT HOURS: 4
PREREQUISITES:

I. INTRODUCTION

"When you get there, there isn't any there there."

Gertrude Stein

"By European standards we do not possess a single city and hardly a single town to be proud of. We have failed because so far, we have never really wished to do better... . That is why we are living in cities and towns whose ugliness, congestion and botched design we never suspect until we have seen the work of the older people whom we consider old-fashioned."

"We can teach the Europeans many things; our homes on average are better than theirs, but in the art of building a city, the common possession of all citizens, we are all children beside them and don't show much sign of growing up."

Bruce Hutchison

The words town and city can indicate very many different kinds of environment, but their one essential meaning is that of place for urban living. By "urban", it is commonly understood an environment in which the natural surroundings have become dominated by man-made surroundings. The nature of the environment can vary enormously, from a scrabble of mean houses to a most beautiful architectural composition. The meaning of the expression "urban living" is born out of its original Latin sense of city living - urbs: a city.

II. PHILOSOPHY AND GOALS

This course provides the student with an introduction and understanding of the concept of urban planning, from the point of view that the "urbs" is a dynamic and ever-changing entity. An in depth study of planned urban settings (both past and present) will attempt to instill within the student a realization that the concepts behind urban planning on a macro scale are in fact ideals that are consistent with architectural design on a micro scale.

The responsibility of such a course is to foremost maintain an appropriate balance between a cultural or ideological approach and a "nuts and bolts" approach. It is important for the student to understand how urban planning is done as well as why it is done. Regulations and controls, although often times considered as nuisances by designers, have the responsibility to insure the fulfillment of all human aspirations, purpose in our surroundings, and to provide for the healthy and harmonious background for the future welfare of all inhabitants.

III. STUDENT PERFORMANCE OBJECTIVES

Upon successful completion of the course, the student will be able to:

1. Identify various urban planning concepts.
2. Apply planning principles to any given context.
3. Identify the basic requirements as outlined through municipal planning controls that have to be satisfied before a proposed architectural intervention can be realized.
4. Identify the various components associated with planning methodology.
5. Identify the characteristics that positively contribute to the overall urban fabric.
6. Analyze a given urban context relative to its inherent faults and strengths, and propose appropriate interventions.

IV. TOPICS TO BE COVERED

A. General Characteristics of Urban Communities

1. Urban Design in History
2. Modern Urban Concepts
3. Form Prototypes

B. Size and Growth of Towns

1. Size Distribution
2. Limitation of Size
3. Growth Patterns

C. Determinants of Form

1. Site-Structure Relationships
2. Site-Form Relationships
3. Topographical Characteristics
4. Climatic Characteristics

V. METHOD OF EVALUATION

Town Design
Frank Gibbard

Students will be assigned a final grade based on successful completion of assignments and projects and attendance, weighted as follows:

Assignment	Weight
Final Test	30%
Attendance	10%
TOTAL	100%

Late assignments will be penalized. Attendance and punctuality are essential to the student's success.

1. Students with special needs are encouraged to discuss required accommodations in confidence with the instructor at the beginning of the course.

2. The instructor reserves the right to modify the course and course outline as deemed necessary to meet the needs of the students.

A	80-89%
B	70-79%
C	55-69%
F	Repeat

VI. STUDENT RESOURCES

The Concise Townscape
Gordon Cullen
The Architectural Press

Urban Design: Architecture of Towns and Cities
American Institute of Architects
McGraw-Hill Book Company

Architecture: City Sense
T. Crosby
Reinhold Publishing Company