CATALOGUE DESCRIPTION: This one credit course was designed to introduce the student to the practice of Engineering, through a series of seminars and field trips conducted by working Engineers. The course covers work done in the various Engineering disciplines, but focuses on particular industries rather than specific disciplines.

Because of the interaction with working Engineers, the sessions are spread irregularly over the fall and spring semesters. Since the exact content changes from year to year, new registration in spring semester is not encouraged.

COURSE PREREQUISITES: None

COURSE COREQUISITES: The student must have completed or be registered in at least two of the math or science courses in the first year Science program.

HOURS PER TERM

Lecture: 30 hrs
Laboratory: hrs
Seminar: hrs
Field Experience: 30 hrs
Student Directed Learning: hrs
Other - specify: hrs
TOTAL: 60 HRS

TRANSFER STATUS (Equivalent, Unassigned, Other Details)

UBC credits
SFU credits
UVIC units
Other

N. Taylor, B.Sc., B.A. COURSE DESIGNER
J.D. TUNSTALL Ph.D. DEAN OF ACADEMIC STUDIES
OBJECTIVES:

Most beginning engineering students do not have a complete awareness of the variety of types of engineering. Upon completion of this course, the student will be able to make an informed choice of areas of specialization.

METHODS:

STUDENT EVALUATION PROCEDURE:

There will be no examinations for this course. A minimum of 80% attendance will be required. Evaluation is experience.
The course will consist of talks by a variety of professional engineers and university faculty members. Many of the classes will be field trips to local engineering firms and work sites. The student will be exposed to the widest possible selection of engineering fields.

Subject to confirmation we will have visits from UBC and UVic Engineering faculty. Abbotsford and Chilliwack municipal works, Fraser Valley Fish Hatching, Military engineering at CFB Chilliwack, Canadian Airlines, B.C. environment ministry, M.P.K. engineering, Scott Paper, Ebco Aerospace, Xantrex technology, Chevron Oil Refinery and a talk by former U.C.F.V. students who are now in engineering.