

SEDV 615: ENVIRONMENTAL IMPACT ASSESSMENT IN THE ENERGY SECTOR

Principles and professional practice of environmental impact assessment, with application to energy development projects.

Instructor:

TBD

Course Objective:

This course is designed to provide the theory, methodology and practical application of environmental impact assessment (EIA). The course focusses on the professional practice of EIA as it applies to energy projects.

Topics Covered (Selected):

- Definitions, purposes, principles and practice of EIA
- The EIA process
- Screening of proposed projects
- EIA Project Description and Baseline studies
- Scoping for projects subject to environmental reviews
- Significance predication of environmental impacts
- Monitoring, management and reporting in EIA (Follow up studies)
- Cumulative Impact Assessment
- Strategic Environmental Assessment
- Consultation and public involvement in EIA
- Social Impact assessment
- Economic impact assessment
- Evaluating environmental impact statements and reports
- Undertaking and managing the preparation of an EIA
- Canadian EIA case studies
- EIA issues in developing countries