



Intelligent Multimedia Courseware for Petroleum Waste Management

University of Regina

Objectives for Innovation

Web-based instruction and multimedia CD-ROM

Intended Audience

Professional engineers, scientists, technologists, managers, government officials and regulators in the petroleum field

Results Achieved

Online training in petroleum waste management with a CD-ROM
Methodology to clarify technical and complex engineering concepts
Flexible access for students across Saskatchewan

Partners

Southeast Regional College, ISM Corporation, Telecommunications Research Labs, Petroleum Technology Research Centre, Saskatchewan Energy and Mines

Implementation

Summer 2000

Program Web Site

<http://www.uregina.ca/engg/>

This program provides a short training course on petroleum waste management using intelligent multimedia systems on a web site and CD-ROM. Intelligent multimedia systems effectively represent technical and complex engineering information in such a way that it is easy to understand and learn.

This course provides an overview of petroleum waste management. Students survey problems associated with chemical and petroleum wastes and their characteristics, discuss suitable waste management techniques, review treatment processes and practical applications, and explore strategies for managing chemical and petroleum wastes.

Petroleum constitutes the second largest industry in Saskatchewan. Scientists and engineers with a good knowledge of petroleum waste management are in high demand. This short course, readily available via computer, offers high quality training for professionals in effective management of resources in the petroleum industry. Online access reduced the need for technical experts in the petroleum industry to travel to Alberta for training needed.

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