

## Onshore Pipeline Engineering and Integrity Management

The Pipeline Integrity Institute within the Faculty of Applied Science at the University of British Columbia is excited to provide two complementary courses on Pipeline Engineering and Integrity Management in Vancouver from March 2 - 5, 2020. These courses taught by well-known experts in this field will cover: (i) the basics of pipeline engineering and (ii) advanced concepts in integrity management.

The Pipeline Integrity Institute has been and remains the leader in the provision of undergraduate pipeline engineering courses, and it is the first institute in North America to provide such course content to engineering students.

[pii.engineering.ubc.ca](http://pii.engineering.ubc.ca)

## Pipeline Integrity Institute University of British Columbia

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Course Location:  
Vancouver, BC  
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Course inquiries:  
[pipeline.integrity@ubc.ca](mailto:pipeline.integrity@ubc.ca)

Pipeline Integrity Institute Partnerships/Sponsors:

# Pipeline Integrity Institute

at the University of British Columbia

Presents courses on

**Onshore Pipeline Engineering and Integrity Management**



PIPELINE INTEGRITY  
INSTITUTE  
INSTITUT D'INTÉGRITÉ  
DE PIPELINE

## Course 1 March 2-3, 2020

### An Introduction to Onshore Pipeline Engineering

By Dr. Phil Hopkins

Aimed at engineers and practitioners requiring a refresher on or an introduction to onshore oil and gas pipeline engineering. The course covers the fundamentals of pipeline engineering from design, to construction, to operation and ultimate abandonment.

### Dr. Phil Hopkins



Dr Phil Hopkins is an independent consultant, with his own company: Phil Hopkins Ltd., and has 40 years of experience in the pipeline industry. He was previously Executive Director of the pipeline engineering

company Penspen Limited, UK, and Managing Director of pipeline engineering consultants, Andrew Palmer and Associates (APA), UK.

He had worked in the power generation industry, before spending 17 years working in the Research and Technology Division of British Gas, UK. Dr Hopkins continues to be involved with universities: he was a Professorial Fellow at Newcastle University, UK, and has taught on Masters Programs at both Newcastle University, and Northumbria University, UK. He is currently a Visiting Professor at Northumbria University, and a Visiting Professor of Practice at Newcastle University.

He is a past Chair of the ASME Pipeline Systems Division, and is a Fellow of ASME and the IMechE.

## Course 2 March 4-5, 2020

### Pipeline Integrity Management

By Dr. Alan Murray

Aimed at practicing professionals who are involved with pipeline integrity management. The course covers pipeline integrity management plans, risk assessment and mitigation, and inspection programs.

### Dr. Alan Murray



Dr Alan Murray, is a consulting engineer with Principia Consulting in Calgary, AB. Prior to forming Principia in 2010, he was Chief Engineer at the Canadian National Energy Board. Dr Murray's industry

experience has included a number of senior management positions with a large pipeline operating company in North America with responsibility for system planning, construction, maintenance and contracting functions.

His 42 years of work experience spans research, regulation, third-party assessment, design and development in pipelines and offshore structures. He was the founding Chair of the ASME Pipeline Systems Division and is the co-author of the ASME Press textbooks Pipeline Design and Construction - A Practical Approach and Pipeline Integrity Assurance and is a Fellow of the ASME.

## REGISTRATION

**Registration inquiries:** Please email [pipeline.integrity@ubc.ca](mailto:pipeline.integrity@ubc.ca)

### Registration fees (Canadian funds):

- Course 1 - \$1600.00
- Course 2 - \$1600.00
- Courses 1 & 2 - \$3000.00

*An Icebreaker Reception will be held March 1, 2019 evening.*

### Who Should Attend?

**Course 1:** Engineers new to the pipeline business including those requiring a refresher: Pipeline Engineers, Pipeline Construction Engineers, Project Managers, Maintenance Engineers, Inspectors, Pipeline Operators, Equipment Suppliers, Inspection and Quality Engineers, Pipeline Design Engineers, Legislators and Regulators.

**Course 2:** Engineers involved in pipeline integrity management, including: Pipeline Integrity Engineers, Project Managers, Maintenance Engineers, Inspectors, Pipeline Operators, Equipment Suppliers, Inspection and Quality Engineers, Legislators and Regulators.

### Courses Format

These are classroom-based courses. Start time is 08:30. Finish time is 16:30. Breakfast & lunch provided.