

Course Overview

The CNS CANDU Technology and Safety Course, held for the last many years in March, has had to be cancelled/postponed to 2021 March on account of the COVID-19 pandemic.

In order to provide a partial replacement for the full course, a shorter, on-line course is being offered on 2020 November 13.

This on-line offering will present a small number of presentations on the technology of CANDU reactors, on:

- the basic reactor design
- CANDU thermalhydraulics
- plant refurbishment and reactor start-up tests, and
- balance-of-plant systems.

The CNS is presenting this course to enhance the professional and technical capabilities of its members (and non-members) working in, or interested in, the nuclear industry. The course is ideally suited for beginning professionals, but also beneficial to experienced professionals. Come broaden your nuclear knowledge beyond your specific area of work and your own area of expertise.

This course is eligible for Continuing Education Units in the context of the Engineering Institute of Canada Continuing Education program.

Course Agenda 2020 November 13

08:15 Opening remarks, introductions, details on course schedule, breaks between sessions, continuing-education units, and on-line-platform rules and protocol.

08:30-10:00 “CANDU Design Overview”, by Ben Rouben, 12 & 1 Consulting

10:00-10:20 Break

10:20-11:50 “Balance of Plant”, by John Froats, Ontario Tech University

11:50-12:30 Lunch Break

12:30-14:00 “Refurbishment of Darlington Unit 2 + Reactor Start-Up Tests”, by Constantin Banica, Ontario Power Generation

14:00-14:20 Break

14:20-15:50
“Thermalhydraulics Principles”, by David Novog, McMaster University

15:50 Closing remarks, Survey

Registration

Please register on-line via the link on the Course web page, which you can reach directly by [clicking here](#) or via the [CNS web site](#).

The registration fees are shown below, and include HST (HST # 870488889RT)

- CNS Member: \$150.00 [Must be a CNS member in good standing]
- Non-CNS Member: \$200.00
- CNS Full-Time Student Member or CNS Retiree Member: \$75.00

CNS SHORT COURSE ON CANDU REACTOR TECHNOLOGY (ON-LINE)



Organized by:
**The Canadian Nuclear Society
Nuclear Science & Engineering
Division**

2020 November 13 (Friday)

**Course held on-line
(Connection details to be
communicated later)**

Course contact (not for registration):
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For registration questions, contact
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