# 2018 TRAINING CALENDAR

# INSTITUTE OF HAZARD PREVENTION

founded by ACM Facility Safety

## January

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| P&ID | | PHA/HAZOP Facilitation | | | | |
| 29 | 30 | 31 | | | | |
| Fund. Of Risk Based Process Safety | | | | | | |

## February

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 |
| | | | PSDG | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | | Fundamentals of the Safety Lifecycle | | | | |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| P&ID | | Intro to PHA | TUV IEC ED 2 | | | |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | | | | |
| LOPA | | SIL V | | | | |

## March

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 |
| | | | SIL V | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| P&ID | | PHA/HAZOP Facilitation | | | | |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Fundamentals of I&C | | | | | | |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| FS Eng TUV Rheinland SIS Certificate | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | |

## April

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| P&ID | | Intro to PHA | | | | |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Fund. Of Risk Based Process Safety | | CHAZOP | TUV IEC ED 2 | | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| FS Eng TUV Rheinland PH&RA Certificate | | | | | | |
| 30 | | | | | | |

## May

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | P&ID | | PSDG | | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| FS Eng TUV Rheinland SIS Certificate | | | | | | |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| LOPA | | SIL Verification | | | | |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

## June

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| P&ID | | PHA/HAZOP Leadership | | | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| FS Eng TUV Rheinland SIS Certificate | | | | | | |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Fundamentals of the Safety Lifecycle | | Fundamentals of I&C | | | | |
| 25 | 26 | 27 | 28 | 29 | 30 | |
| TUV IEC ED 2 | | | | | | |

## July

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| P&ID | | Intro to PHA | | | | |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Fund. Of Risk Based Process Safety | | | | | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| FS Eng TUV Rheinland PH&RA Certificate | | | | | | |
| 30 | 31 | | | | | |

## August

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | Fundamentals of the Safety Lifecycle | | | | |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| | | Fundamentals of I&C | | | | |
| 27 | 28 | 29 | 30 | 31 | | |
| LOPA | | SIL Verification | | | | |

## September

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | TUV IEC ED 2 | PSDG | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| P&ID | | PHA/HAZOP Leadership | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| FS Eng TUV Rheinland SIS Certificate | | | | | | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| CHAZOP | Intro to SIL&SIS | | | | | |

## October

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| P&ID | | Intro to PHA | | | | |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| Fund. Of Risk Based Process Safety | | | | | | |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| FS Eng TUV Rheinland PH&RA Certificate | | | | | | |
| 29 | 30 | 31 | | | | |

## November

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 |
| | | | PSDG | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| P&ID | | Fundamentals of I&C | | | | |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | | Fundamentals of the Safety Lifecycle | | | | |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| LOPA | | SIL Verification | | | | |
| 26 | 27 | 28 | 29 | 30 | | |
| TUV IEC ED 2 | | | | | | |

## December

| M | T | W | Th | F | S | S |
|---|---|---|---|---|---|---|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| P&ID | | PHA/HAZOP Leadership | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| FS Eng TUV Rheinland SIS Certificate | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

### Foundation

-Piping and Instrumentation Diagram (P&ID) and Engineering Drawings Interpretation Training
-Intro to SIL/SIS for Operations and Maintenance Technicians (Intro SIL&SIS)
-Fundamentals of Risk Based Process Safety Management
-Fundamentals of the Safety Lifecycle
-Introduction to PHA/HAZOP
-Fundamentals of Instrumentation & Controls (I&C) For Process Safety

### Advanced

-PHA/HAZOP Facilitation
-LOPA (SIL Determination) (Part 1 of SIL Workshop Series)
-SIL Verification (Part 2 of SIL Workshop Series)
-Introduction to Control HAZOP & Operability (CHAZOP) Study
-FS Eng PH &RA TUV (Rheinland) Certificatification - 3.5 Days

### Events

-Lunch & Learn
-Process Safety Discussion Group (PSDG)

### Certification

-FS ENG. SIS TUV (Rheinland) Certification IEC 61511: 2016-2nd Edition. - 4.5 Days
-FS ENG. New Update of SIS - IEC 61511 ED.2 - 1 Day

INSTITUTE of HAZARD PREVENTION

ACM Facility Safety

To register, please email info@acm.ca or call 403.264.9637 or 1.877.264.9637
For detailed descriptions of the courses please visit: www.iofhp.com