
2020 AVEVA Regular Training

AVEVA KOREA

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2020 AVEVA Regular Training Schedule

Course ID	Plant	Marine	Subject	Days	1(Jan)	2(Feb)	3(Mar)	4(Apr)	5(May)	6(Jun)	7(July)	8(Aug)	9(Sep)	10(Oct)	11(Nov)	12(Dec)
KTR-AV01			AVEVA P&ID - Basic	2		10~11				29~30						
KTR-AV02			AVEVA P&ID - Admin	1		12					1					
KTR-AV03			AVEVA Engineering - Basic	2				6~7				31	1			
KTR-AV04			AVEVA Engineering - Admin	2				8~9					2~3			
KTR-AV05			AVEVA Instrumentation - Basic	2	20~21		23~24				14~15					
KTR-AV06			AVEVA Instrumentation - Admin	1	20~22		25				16					
KTR-AV07			AVEVA Electrical - Basic	2			3~4							12~13		
KTR-AV08			AVEVA Electrical - Admin	1			5							14		
KTR-AV09			AVEVA Marine Initial Design	3				27~29								
KTR-AV10			AVEVA Marine Hull	5							3~7					
KTR-AV11			AVEVA PDMS/Outfitting Basic Modeling(5days)	5	6~10					8~12					2~6	
KTR-AV12			AVEVA PDMS/Outfitting Catalogue & Specification - Basic*	3		17~19								19~21		
KTR-AV13			AVEVA PDMS/Outfitting Catalogue & Specification - Advanced*	2		20~21								22~23		
KTR-AV14			AVEVA PDMS/Outfitting System & Project Administration	3	13~15								14~16			
KTR-AV15			AVEVA E3D/PDMS/Outfitting PML	5			9~13								9~13	
KTR-AV16			AVEVA PDMS/Outfitting .NET Customization	3				22~24								
KTR-AV17			AVEVA PDMS/Outfitting ISO Draft Administration	2						15~16		24~25				14~15
KTR-AV18			AVEVA Bocad Basic	3												
KTR-AV19			AVEVA Everything3D Basic (5days)	5		24~28						17~21			16~20	
KTR-AV20			AVEVA 2D-3D Integration	2						25~26						7~8
KTR-AV21			AVEVA NET*	3			16~18							5~7		
KTR-AV22			AVEVA Viewer Tools*	2												
KTR-SS01			SimCentral Introductory	2	16~17		19~20				9~10		24~25		26~27	
KTR-SS02			PRO/II - Introductory	1				10						30		
KTR-SS03			PRO/II - Advanced	2						18~19				26~27		
KTR-SS04			PRO/II - Thermodynamics	1					15							
KTR-SS05			PRO/II - Seminar	1					8 14	22	7 13		7			
KTR-SS07			Dynsim Introductory	2				20~21					17~18			
KTR-SS08			Dynsim - Seminar	1										16		
KTR-WW01			AVEVA HMI(Wonderware InTouch) - Basic	3							8~10					

◆ 본 일정표는 상황에 따라 추후 변경될 수 있습니다.

◆ 문의: 02-3284-5300

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※2020년도 공휴일

설 연휴 1/24~1/27
 삼일절 3/1
 국회의원선거 4/15
 석가탄신일 4/30
 근로자의날 5/1
 어린이날 5/5
 현충일 6/6
 광복절 8/15
 추석 9/30~10/2
 개천절 10/3
 한글날 10/9
 성탄절 12/25



2020 AVEVA Regular Training Curriculum (1/6)

AVEVA P&ID Basic/Admin

- AVEVA P&ID User Training
- AVEVA P&ID Admin Training

AVEVA Engineering Basic/Admin

- Introducing AVEVA Engineering
- Tags Common Utility, Basis functions
- Tags Administration
- Compare/Update/Link
- Datasheet

AVEVA Instrumentation / AVEVA Electrical Basic/Admin

- Engineer
- Designer
- Wiring Manager

AVEVA Marine Initial Design

- Common Reference Model
- Early Hull Steel
- Model Interface with FEA Tools

AVEVA Marine Hull

- AVEVA Marine Hull Application Overview (New functionality)
- FEM Interface
- Assembly/Weld Planning
- Automatic Drawing Production (ADP)
- AVEVA Marine Hull in Dabacon



2020 AVEVA Regular Training Curriculum (2/6)

AVEVA PDMS/Outfitting Basic For Equipment, Piping, Steel , HVAC, Draw Parts

- Overview
- Common Utility
- Equipment Modeling
- Pipework Modeling
- Structure Modeling
- HVAC Modeling
- Report & 2D Drafting Basic(Draw User Interface, View Creation, Annotation & Region Creation)
- Clash Detection, Data Consistency Check

AVEVA PDMS/Outfitting Catalogue & Specification Basic

- Piping Catalogue Creation
- Table Management
- Spec. Generation
- Insulation, Tracing Catalogue & Specification
- Nozzle Catalogue & Specification

AVEVA PDMS/Outfitting Catalogue & Specification Advanced

- Bolting System
- ISO Option Control

AVEVA PDMS/Outfitting System Administration

- License Control
- Project Creation
- User, Team, DB, MDB Creation
- Project Management
- Lexicon (including Status Management usage)
- Draft Administration



2020 AVEVA Regular Training Curriculum (3/6)

AVEVA E3D/PDMS/Outfitting PML

- Macros, Variables, Functions
- Control Logic, Arrays
- Errors and Error Handling
- Handling Files and Directories
- Basic PML Form & Gadget
- Advanced Forms & Gadget
- PML Object
- PML .NET Interface

AVEVA PDMS/Outfitting .NET Customization

- PMLNetCallable Classes
- .NET Addin Classes
- PDMS Standalone Interface

AVEVA PDMS/Outfitting ISO Draft Administration

- ISOdraft Overview
- Catalogue and Design Requirement for ISOdraft
- Customize ISO option file
- ISO symbol Customization

AVEVA Bocad Basic

- Installation/update of AVEVA Bocad-3D products
- Basis functions, Create profiles
- Dimensioning, text, drawing frame & Insert 2D files
- Interfaces to DXF/DWG import-export



2020 AVEVA Regular Training Curriculum (4/6)

AVEVA Everything3D - Equipment, Piping, Steel , HVAC, Draw Parts

- Overview
- Common Utility, Basis functions
- Equipment & Piping & Structure & HVAC Modeling
- Report & 2D Drafting Basic(Draw User Interface, View Creation, Annotation & Region Creation)

AVEVA 2D-3D Integration

- Introducing 2D-3D Integration
- AVEVA P&ID Integration Setting
- Schematic Model Manager Import Configuration
- Integrator Project Configuration
- Compare/Update



2020 AVEVA Regular Training Curriculum (5/6)

- **SimCentral Hydraulic for process & utility network Training**

1. SimCentral introduction
2. Process hydraulic
3. PSV network
4. Steam network
5. Cooling water network
6. Water hammering
7. Vacuum transfer line

- **SimCentral Process**

1. Gas processing modeling
2. Chemical modeling
3. Refinery modeling

- **SimCentral Column & Reactor**

1. SimCentral introduction
2. Dynamic drum
3. Column sizing
4. Column dynamic
5. Reactor
6. Refrigerator

- **SimCentral advanced training**

1. SimCentral introduction
2. Dynamic simulation
3. Heater
4. HRSG
5. Tank



2020 AVEVA Regular Training Curriculum (6/6)

▪ **Dynsim Introductory**

1. Introduction of Dynsim
2. Getting started Dynsim
3. Modeling of reverse flow
4. Modeling of drum system
5. Modeling of control system
6. Modeling of distillation column
7. Modeling of compressor system
8. Others

▪ **PRO/II Introductory**


1. Introduction of PRO/II
2. Modeling of chiller plant
3. Modeling of distillation column
4. Setting up a case study
5. Assay data handling
6. Others


▪ **PRO/II Advanced Training**

1. Assay data handling & Refinery inspection properties
2. Advanced column simulation (deethanizer, debutanizer, depropanizer, heat pump)
3. Crude distillation column simulation
4. Vacuum distillation column simulation
5. Azeotropic distillation column simulation
6. Liquid-liquid column simulation
7. Reactor simulation by using kinetic data
8. Advanced thermodynamic application
9. PRO/II calculation functions
10. Others

▪ **PRO/II Thermodynamics Training**

1. Thermodynamic properties and theories
2. Thermodynamic equation (EOS, LACT, ect.)
3. Thermodynamic equation (Special)
4. Enthalpy, entropy, density and transport properties
5. Thermodynamic application
6. Properties and binary parameter regression
7. Others

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ABOUT AVEVA

AVEVA is a global leader in engineering and industrial software driving digital transformation across the entire asset and operational life cycle of capital-intensive industries.

The company's engineering, planning and operations, asset performance, and monitoring and control solutions deliver proven results to over 16,000 customers across the globe. Its customers are supported by the largest industrial software ecosystem, including 4,200 partners and 5,700 certified developers. AVEVA is headquartered in Cambridge, UK, with over 4,400 employees at 80 locations in over 40 countries.

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