



## WEAM & COMPANY LIMITED

<b>WEAM TRAINING CALENDAR - 2019</b>		
<b>DATE</b>	<b>COURSES</b>	
	<b>SOFTWARE</b>	<b>ENGINEERING DESIGN</b>
7 <sup>th</sup> Jan – 11 <sup>th</sup> Jan	HYSYS Basic HYSYS Dynamics Flarenet Flaresim	Gas Compression Introduction to Well Completion Pipeline Selection & Sizing
14 <sup>th</sup> Jan – 18 <sup>th</sup> Jan	HYSYS Advanced HYSYS Upstream Sunrise PIPENET (Full Module)	Slug Flow FCC in Refinery Vessel Sizing and Selection
21 <sup>st</sup> Jan – 25 <sup>th</sup> Jan	HYSYS Dynamics Aspen Capital Cost Estimation HYSYS Basic Sunrise PIPENET (Standard Option)	Column sizing Depressurizing System Valve Selection & Sizing
28 <sup>th</sup> Jan – 1 <sup>st</sup> Feb	Sunrise PIPENET (Spray Option) Aspen Refsys HYSYS Upstream	Pump: Design & Selection Pressure Surge Analysis Gas Compression
4 <sup>th</sup> Feb – 8 <sup>th</sup> Feb	Aspen Inplant Cost Estimate Aspen Process Economic Analyzer Aspen Capital Cost Estimation Hysys Dynamics	Cost Engineering Basics Introduction to Process Optimization Column Sizing
11 <sup>th</sup> Feb – 15 <sup>th</sup> Feb	Aspen Infoplus.21 Aspen Shell & Tube Heat Exchanger Hysys Basic Aspen Plus	Reservoir Fluid Characterization Interpretation of Design Drawings Pump: Design & Selection
18 <sup>th</sup> Feb – 22 <sup>nd</sup> Feb	Hysys Basic Aspen Refsys HYSYS Upstream Aspen Flarenet	Gas Dehydration Pipeline Selection & Sizing Slug Flow
25 <sup>th</sup> Feb – 1 <sup>st</sup> Mar	Hysys Advanced Sunrise PIPENET (Transient) Flaresim Hysys Dynamics	Reservoir Fluid Characterization Interpretation of Design Drawings Pump: Design & Selection Optimization Column Sizing
4 <sup>th</sup> Mar – 8 <sup>th</sup> Mar	Aspen Process Economic Analyzer Aspen Shell & Tube Heat Exchanger Sunrise PIPENET (Standard Option)	Introduction to Process Optimization Column Sizing Pump: Design & Selection Optimization Column Sizing
11 <sup>th</sup> Mar – 15 <sup>th</sup> Mar	Aspen Infoplus.21 Aspen Shell & Tube Heat Exchanger Hysys Basic Aspen Plus	Gas Compression Introduction to Well Completion Pipeline Selection & Sizing
18 <sup>th</sup> Mar – 22 <sup>nd</sup> Mar	HYSYS Basic HYSYS Dynamics Flarenet Flaresim	Pump: Design & Selection Pressure Surge Analysis Gas Compression
25 <sup>th</sup> Mar – 29 <sup>th</sup> Mar	Sunrise PIPENET (Spray Option) Aspen Refsys HYSYS Upstream	Reservoir Fluid Characterization Interpretation of Design Drawings Pump: Design & Selection

1 <sup>st</sup> April – 5 <sup>th</sup> April	Hysys Advanced Sunrise PIPENET (Transient) Flaresim Hysys Dynamics	Cost Engineering Basics Introduction to Process Optimization Column Sizing
8 <sup>th</sup> April – 12 <sup>th</sup> April	Aspen Inplant Cost Estimate Aspen Process Economic Analyzer Aspen Capital Cost Estimation Hysys Dynamics	Introduction to Process Optimization Column Sizing Pump: Design & Selection Optimization Column Sizing
15 <sup>th</sup> April – 19 <sup>th</sup> April	Aspen Process Economic Analyzer Aspen Shell & Tube Heat Exchanger Sunrise PIPENET (Standard Option)	Pump: Design & Selection Pressure Surge Analysis Gas Compression
22 <sup>nd</sup> April – 26 <sup>th</sup> April	HYSYS Dynamics Aspen Capital Cost Estimation HYSYS Basic Sunrise PIPENET (Standard Option)	Gas Dehydration Pipeline Selection & Sizing Slug Flow
29 <sup>th</sup> April – 3 <sup>rd</sup> May	HYSYS Advanced HYSYS Upstream Sunrise PIPENET (Full Module)	Column sizing Depressurizing System Valve Selection & Sizing
6 <sup>th</sup> May – 10 <sup>th</sup> May	Sunrise PIPENET (Spray Option) Aspen Refsys HYSYS Upstream	Cost Engineering Basics Introduction to Process Optimization Column Sizing
13 <sup>th</sup> May – 17 <sup>th</sup> May	HYSYS Basic HYSYS Dynamics Flarenet Flaresim	Introduction to Process Optimization Column Sizing Pump: Design & Selection Optimization Column Sizing
20 <sup>th</sup> May – 24 <sup>th</sup> May	Aspen Inplant Cost Estimate Aspen Process Economic Analyzer Aspen Capital Cost Estimation Hysys Dynamics	Column sizing Depressurizing System Valve Selection & Sizing
27 <sup>th</sup> May – 31 <sup>st</sup> May	HYSYS Advanced HYSYS Upstream Sunrise PIPENET (Full Module)	Gas Compression Introduction to Well Completion Pipeline Selection & Sizing
3 <sup>rd</sup> Jun – 7 <sup>th</sup> Jun	Aspen Process Economic Analyzer Aspen Shell & Tube Heat Exchanger Sunrise PIPENET (Standard Option)	Cost Engineering Basics Introduction to Process Optimization Column Sizing
10 <sup>th</sup> Jun – 14 <sup>th</sup> Jun	HYSYS Dynamics Aspen Capital Cost Estimation HYSYS Basic Sunrise PIPENET (Standard Option)	Pump: Design & Selection Pressure Surge Analysis Gas Compression
17 <sup>th</sup> Jun – 21 <sup>st</sup> Jun	Sunrise PIPENET (Spray Option) Aspen Refsys HYSYS Upstream	Cost Engineering Basics Introduction to Process Optimization Column Sizing
24 <sup>th</sup> Jun – 28 <sup>th</sup> Jun	HYSYS Basic HYSYS Dynamics Flarenet Flaresim	Gas Dehydration Pipeline Selection & Sizing Slug Flow
1 <sup>st</sup> Jul – 5 <sup>th</sup> Jul	Aspen Inplant Cost Estimate Aspen Process Economic Analyzer Aspen Capital Cost Estimation Hysys Dynamics	Cost Engineering Basics Introduction to Process Optimization Column Sizing
8 <sup>th</sup> Jul – 12 <sup>th</sup> Jul	Hysys Advanced Sunrise PIPENET (Transient) Flaresim Hysys Dynamics	Introduction to Process Optimization Column Sizing Pump: Design & Selection Optimization Column Sizing
15 <sup>th</sup> Jul – 19 <sup>th</sup> Jul	HYSYS Advanced HYSYS Upstream Sunrise PIPENET (Full Module)	Pump: Design & Selection Pressure Surge Analysis Gas Compression
22 <sup>nd</sup> Jul – 26 <sup>th</sup> Jul	Aspen Process Economic Analyzer Aspen Shell & Tube Heat Exchanger	Reservoir Fluid Characterization Interpretation of Design Drawings

	Sunrise PIPENET (Standard Option)	Pump: Design & Selection
29 <sup>th</sup> Jul – 2 <sup>nd</sup> Aug	Sunrise PIPENET (Spray Option) Aspen Refsys HYSYS Upstream	Slug Flow FCC in Refinery Vessel Sizing and Selection
4 <sup>th</sup> Aug – 8 <sup>th</sup> Aug	HYSYS Basic HYSYS Dynamics Flarenet Flaresim	Column sizing Depressurizing System Valve Selection & Sizing
11 <sup>th</sup> Aug – 15 <sup>th</sup> Aug	HYSYS Dynamics Aspen Capital Cost Estimation HYSYS Basic Sunrise PIPENET (Standard Option)	Introduction to Process Optimization Column Sizing Pump: Design & Selection Optimization Column Sizing
18 <sup>th</sup> Aug – 22 <sup>nd</sup> Aug	Aspen Inplant Cost Estimate Aspen Process Economic Analyzer Aspen Capital Cost Estimation Hysys Dynamics	Slug Flow FCC in Refinery Vessel Sizing and Selection
25 <sup>th</sup> Aug – 30 <sup>th</sup> Aug	HYSYS Basic HYSYS Dynamics Flarenet Flaresim	Gas Dehydration Pipeline Selection & Sizing Slug Flow
2 <sup>nd</sup> Sep – 6 <sup>th</sup> Sep	HYSYS Advanced HYSYS Upstream Sunrise PIPENET (Full Module)	Introduction to Process Optimization Column Sizing Pump: Design & Selection Optimization Column Sizing
9 <sup>th</sup> Sep – 13 <sup>th</sup> Sep	HYSYS Dynamics Aspen Capital Cost Estimation HYSYS Basic Sunrise PIPENET (Standard Option)	Reservoir Fluid Characterization Interpretation of Design Drawings Pump: Design & Selection
15 <sup>th</sup> Sep – 20 <sup>th</sup> Sep	Sunrise PIPENET (Spray Option) Aspen Refsys HYSYS Upstream	Gas Compression Introduction to Well Completion Pipeline Selection & Sizing
23 <sup>rd</sup> Sep – 27 <sup>th</sup> Sep	Aspen Process Economic Analyzer Aspen Shell & Tube Heat Exchanger Sunrise PIPENET (Standard Option)	Gas Compression Introduction to Well Completion Pipeline Selection & Sizing
1 <sup>st</sup> Oct – 5 <sup>th</sup> Oct	Hysys Advanced Sunrise PIPENET (Transient) Flaresim Hysys Dynamics	Column sizing Depressurizing System Valve Selection & Sizing
30 <sup>th</sup> Sep – 4 <sup>th</sup> Oct	Aspen Inplant Cost Estimate Aspen Process Economic Analyzer Aspen Capital Cost Estimation Hysys Dynamics	Slug Flow FCC in Refinery Vessel Sizing and Selection
7 <sup>th</sup> Oct – 11 <sup>th</sup> Oct	HYSYS Advanced HYSYS Upstream Sunrise PIPENET (Full Module)	Gas Dehydration Pipeline Selection & Sizing Slug Flow
14 <sup>th</sup> Oct – 18 <sup>th</sup> Oct	HYSYS Basic HYSYS Dynamics Flarenet Flaresim	Introduction to Process Optimization Column Sizing Pump: Design & Selection Optimization Column Sizing
21 <sup>st</sup> Oct – 25 <sup>th</sup> Oct	Aspen Process Economic Analyzer Aspen Shell & Tube Heat Exchanger Sunrise PIPENET (Standard Option)	Slug Flow FCC in Refinery Vessel Sizing and Selection
28 <sup>th</sup> Oct – 1 <sup>st</sup> Nov	Hysys Advanced Sunrise PIPENET (Transient) Flaresim Hysys Dynamics	Reservoir Fluid Characterization Interpretation of Design Drawings Pump: Design & Selection
4 <sup>th</sup> Nov – 8 <sup>th</sup> Nov	Sunrise PIPENET (Spray Option) Aspen Refsys HYSYS Upstream	Slug Flow FCC in Refinery Vessel Sizing and Selection

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18 <sup>th</sup> Nov – 22 <sup>nd</sup> Nov	HYSYS Advanced HYSYS Upstream Sunrise PIPENET (Full Module)	Column sizing Depressurizing System Valve Selection & Sizing
25 <sup>th</sup> Nov – 29 <sup>th</sup> Nov	Aspen Process Economic Analyzer Aspen Shell & Tube Heat Exchanger Sunrise PIPENET (Standard Option)	Reservoir Fluid Characterization Interpretation of Design Drawings Pump: Design & Selection
2 <sup>nd</sup> Dec – 6 <sup>th</sup> Dec	HYSYS Basic HYSYS Dynamics Flarenet Flaresim	Gas Compression Introduction to Well Completion Pipeline Selection & Sizing
9 <sup>th</sup> Dec – 13 <sup>th</sup> Dec	Hysys Advanced Sunrise PIPENET (Transient) Flaresim Hysys Dynamics	Slug Flow FCC in Refinery Vessel Sizing and Selection
15 <sup>th</sup> Dec – 20 <sup>th</sup> Dec	Aspen Inplant Cost Estimate Aspen Process Economic Analyzer Aspen Capital Cost Estimation Hysys Dynamics	Column sizing Depressurizing System Valve Selection & Sizing