



OMS eLearning Academy

For Refinery Offsite Operations Professionals

Excellence in eLearning™

TOPIC ID

OEA1201D

CATEGORY ID

MCOR

TOPIC

**OEA1201D-Academy
Curriculum Architecture**

REVISION

Revised on 2021-08-31



OMS eLearning Academy
For Refinery Offsite Operations Professionals



**OEA1201D-Academy Curriculum
Architecture**



Overview

- Academy Curriculum
- Course SKU nomenclature
- Standardized Course Layout
- SKU and Title of Each Curriculum



OMS Academy Curriculum

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ACADEMY

Overviews



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About Curriculum

Structured Curriculum



Demo Course

Test Courses

Free Courses

Corporate Group Courses

MCOR Core Courses

Specialized Curriculum

Refresher Course

Executive Primer

Manager Primer

Engineer Trainee

Engineer Professional

Engineer Expert

Choose N Enroll



Custom Curriculum

M-Manage Infrastructure

C-Control Manufacturing

O-Optimize Production

R-Reconcile Hydrocarbons

Scheduled Streaming



Hybrid Streaming

Live Streaming

OEA1201D-Academy Curriculum Architecture



OMS Academy Nomenclature

5

OEA **nn** **Postfix** -Topic/Module/Course/Product Name

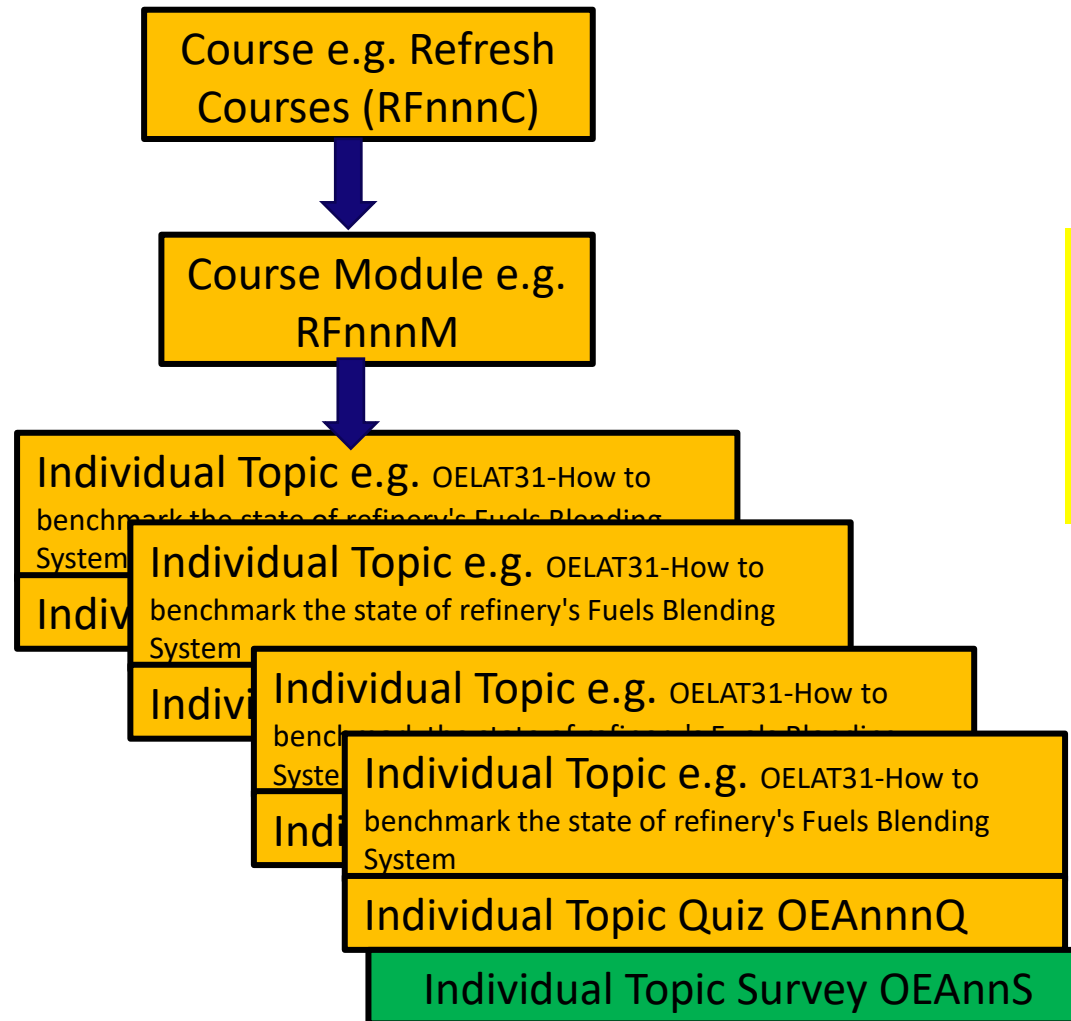


OEAnn – WC product SKU
OEAnn**P** – WC Product Name
OEAnn**C** – Single Topic Course
OEAnn**M** – Single Topic Module
OEAnn**T** – Single Topic
OEAnn**Q** –Single Topic Quiz

Images, datasheets will have their own conventions but will closely follow above convention wherever possible.



OMS Academy Curriculum Build Layout Structure



Video SKU or Identifier would be character before "-" e.g. OELAT31 to get link from Vimemo and update LD db table



OMS Academy Curriculum Course Structure

Progression Mode

Course e.g. Refresher Course(RFnnnC)

Welcome Video

Course Module e.g. FnnnM

Individual Topic e.g. OELAT31-How to benchmark the state of refinery's Fuels Blending System

Individual Topic Quiz

Individual Topic Survey

Course Module e.g. FnnnM

Individual Topic e.g. OELAT31-How to benchmark the state of refinery's Fuels Blending System

Individual Topic Quiz

Individual Topic Survey

Closing Thank You Video

Course Quiz

Course Survey

Academy Survey

Issue of Certificate and Transcript

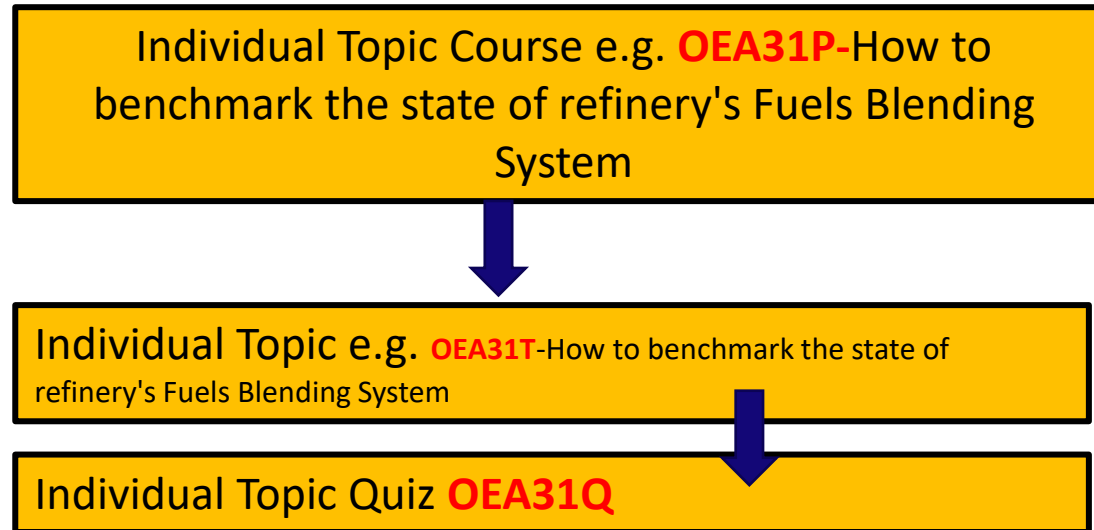
Video SKU or Identifier would be character before "-" e.g. OELAT31 to get link from Vimeo and update LD db table

Review Mode

OEA1201D-Academy Curriculum Architecture



OMS Academy Curriculum (Pick N Enroll)



OEA31 –WC product SKU
OEA31**P** – WC Product Name
OEA31**C** – Single Topic Course
OEA31**M** – Single Topic Module
OEA31**T** – Single Topic
OEA31**Q** –Single Topic Quiz

Video SKU or Identifier
would be character
before “-” e.g. OEAT31 to
get link from Vimeo and
update LD db table



Order ID for various LD categories and Nomenclature

Category	WP Order Range(nn)
Choose N Enroll	1-300
Overview Videos	301+
Free Courses	401+
Refresher Courses	501-510
Executive Primer	511-520
Manager Primer	521-530
Trainee Engineer	531-540
Professional engineer	541-550
Expert Engineer	551-560
MCOR-Individual	561-564
MCOR-Corporate	565-568
MCOR-Corporate Subscription	569-572
MCOR Bundle	573-575

OEA **nnnn** Postfix -Topic/Module/Course/Product Name



OEAnnnn – WC product SKU
OEAnnnnP – WC Product Name
OEAnnnnC – Single Topic Course
OEAnnnnM – Single Topic Module
OEAnnnnT – Single Topic
OEAnnnnQ –Single Topic Quiz

nnnn will be from 1 to 4 digits. Above nomenclature will be followed for all single or bundled courses/products to ease tracking. Images will also closely follow the WP order shown on left



Order ID for various LD categories and Nomenclature

Category	WP Order Range(nn)
Specialized Curriculum-individual	601+
Specialized Curriculum-Corporate	626+
Specialized Curriculum-Corporate Subscription	651+
Hybrid Streaming-Individual	701+
Hybrid Streaming-Corporate	726+
Live Streaming-Individual	751+
Live Streaming-Corporate	776+
Custom Curriculum-Individual	801+
Custom Curriculum-Corporate	802+
Welcome, Closing etc.	901+
Demo Course	1001+
Test Course	1001+

OEA **nnnn** Postfix -Topic/Module/Course/Product Name



OEAnnnn – WC product SKU
OEAnnnnP – WC Product Name
OEAnnnnC – Single Topic Course
OEAnnnnM – Single Topic Module
OEAnnnnT – Single Topic
OEAnnnnQ –Single Topic Quiz

nnnn will be from 1 to 4 digits. Above nomenclature will be followed for all single or bundled courses/products to ease tracking. Images will also closely follow the WP order shown on left



SKU Nomenclature

Item	SKU example	Comment
LD Course Single Topic	OEA1C	
LD Module Single Topic	OEA1M	
LD Single Topic	OEA1T	Has Vimeo Link but may create problem ?
LD Single Topic Quiz	OEA1Q	
Vimeo Video link	OEA1T	Should it be changed with postfix C
WC product Link	OEA1C	
Details PDF Link SKU	OEA1T	Should it be changed with postfix C
VSFlag Table	OEA1C	
Price table	OEA1C	



Structured Curriculum - Overview Videos

Overviews (Videos)

About Academy

OEA301T-Academy Overview
OEA302T-Business Case
OEA303T-Signup and Enrollment
OEA304T-What, Why And Who
OEA305T-Progressive eLearning
OEA306T-Pricing Options And Payment Plans
OEA307T-Enrollment Licensing Options
OEA308T-Corporate Enrollment and Subscription
OEA309T-Interactive Forum

About Curriculum

OEA351T-Free Courses
OEA352T-Refresher Course
OEA353T-Executive Primer
OEA354T-Manager Primer
OEA355T-Engineer Trainee
OEA356T-Engineer Professional
OEA357T-Engineer Expert
OEA358T-Specialized Courses
OEA359T-MCOR Courses
OEA360T-Choose And Enroll
OEA361T-Hybrid Streaming Courses
OEA362T-Live Streaming Courses

OEA1201D-Academy Curriculum Architecture



Structured Curriculum

Demo Course

Individual Enrollment

OEA1001C-Demo Course-Individual

Corporate Enrollment

OEA1002C-Demo Course-Corporate



Structured Curriculum

Test Courses

Individual Enrollment

OEA1001C-H5P TEST Course-Progression
OEA1002C-Video test Course
OEA1003C-Stand-alone Bundled Individual license
OEA1004C-Stand-alone Bundled Individual Subscription

Corporate Enrollment

OEA1005C-Stand-alone Corporate Group License



Structured Curriculum

Free Courses

Individual Enrollment

Corporate Enrollment

OEA401P-Preview of Academy Curriculum

OEA402P-Take the Octane Quiz to test your knowledge

OEA1201D-Academy Curriculum Architecture



Structured Curriculum

Refresher Course

Individual Enrollment

OEA501P-Manage Infrastructure
OEA502P-Control Manufacturing
OEA503P-Optimize Production
OEA504P-Reconcile Hydrocarbons
OEA505P-Bundled Course-Individual

Corporate Enrollment

OEA506P-Bundled Course-Corporate
OEA507P-Bundled Course-Corporate Subscription



Structured Curriculum

Executive's Primer

Individual Enrollment

OEA511P-Manage Infrastructure
OEA512P-Control Manufacturing
OEA513P-Optimize Production
OEA514P-Reconcile Hydrocarbons
OEA515P-Bundled Course-Individual

Corporate Enrollment

OEA516P-Bundled Course-Corporate
OEA517P-Bundled Course-Corporate Subscription



Structured Curriculum

Manager's Primer

Individual Enrollment

OEA521P-Manage Infrastructure
OEA522P-Control Manufacturing
OEA523P-Optimize Production
OEA524P-Reconcile Hydrocarbons
OEA525P-Bundled Course-Individual

Corporate Enrollment

OEA526P-Bundled Course-Corporate
OEA527P-Bundled Course-Corporate Subscription



Trainee Engineer Curriculum

Structured Curriculum

Trainee Engineer Course

Individual Enrollment

OEA531P-Manage Infrastructure
OEA532P-Control Manufacturing
OEA533P-Optimize Production
OEA534P-Reconcile Hydrocarbons
OEA535P-Bundled Course-Individual

Corporate Enrollment

OEA536P-Bundled Course-Corporate
OEA537P-Bundled Course-Corporate Subscription



Professional Engineer Curriculum

Structured Curriculum

Professional Engineer Course

Individual Enrollment

OEA541P-Manage Infrastructure
OEA542P-Control Manufacturing
OEA543P-Optimize Production
OEA544P-Reconcile Hydrocarbons
OEA545P-Bundled Course-Individual

Corporate Enrollment

OEA546P-Bundled Course-Corporate
OEA547P-Bundled Course-Corporate Subscription



Structured Curriculum

Expert Engineer Course

Individual Enrollment

OEA551P-Manage Infrastructure
OEA552P-Control Manufacturing
OEA553P-Optimize Production
OEA554P-Reconcile Hydrocarbons
OEA555P-Bundled Course-Individual

Corporate Enrollment

OEA556P-Bundled Course-Corporate
OEA557P-Bundled Course-Corporate Subscription



Structured Curriculum

MCOR Course

Individual Enrollment

OEA561P-MCOR-M-Manage Infrastructure
OEA562P-MCOR-C-Control Manufacturing
OEA563P-MCOR-O-Optimize Production
OEA564P-MCOR-R-Reconcile Hydrocarbons

Corporate License

OEA565P-MCOR-M-Manage Infrastructure-Corporate
OEA566P-MCOR-C-Control Manufacturing-Corporate
OEA567P-MCOR-O-Optimize Production-Corporate

Corporate Subscription

OEA569P-MCOR-M-Manage Infrastructure-Corporate Subscription
OEA570P-MCOR-C-Control Manufacturing-Corporate Subscription
OEA571P-MCOR-O-Optimize Production-Corporate Subscription
OEA572P-MCOR-R-Reconcile Hydrocarbons-Corporate Subscription



Specialized Course-eLearning

Structured Curriculum Specialized Courses-eLearning

Individual Enrollment

OEA601P-Blend Control and Optimization
OEA602P-Blending in Refining Industry
OEA603P-Quality Measurement and Analysis
OEA604P-Field Instrumentation and Measurements
OEA605P-Tank Farm Management
OEA606P-Applications of Mathematical Programming in the Refining Industry
OEA607P-Refinery Offsite Operations
OEA608P-All About Octane
OEA609P-Refinery Hydrocarbon Management
OEA610P-Digital Transformation in the Refining Industry
OEA611P-Oil Movement and Storage System
OEA612P-Mass Reconciliation Applications in Various Industries
OEA613P-Refinery of the Future
OEA614P-Planning and Scheduling Systems in the Refining Industry
OEA615P-Project Management for the Offsite Operation System
OEA616P-Blend Quality Models

Corporate Enrollment

License

Subscription

OEA1201D-Academy Curriculum Architecture



Specialized Course-Corporate

Structured Curriculum

Specialized Courses-eLearning

Corporate License

OEA626P-Blend Control and Optimization-Corporate
OEA627P-Blending in Refining Industry-Corporate
OEA628P-Quality Measurement and Analysis-Corporate
OEA629P-Field Instrumentation and Measurements-Corporate
OEA630P-Tank Farm Management-Corporate
OEA631P-Applications of Mathematical Programming in the Refining Industry-Corporate
OEA632P-Refinery Offsite Operations-Corporate
OEA633P-All About Octane-Corporate
OEA634P-Refinery Hydrocarbon Management-Corporate
OEA635P-Digital Transformation in the Refining Industry-Corporate
OEA636P-Oil Movement and Storage System-Corporate
OEA637P-Mass Reconciliation Applications in Various Industries-Corporate
OEA638P-Refinery of the Future-Corporate
OEA639P-Planning and Scheduling Systems in the Refining Industry-Corporate
OEA640P-Project Management for the Offsite Operation System-Corporate
OEA641P-Blend Quality Models-Corporate

Corporate Subscription

OEA651P-Blend Control and Optimization-Corporate Subscription
OEA652P-Blending in Refining Industry-Corporate Subscription
OEA653P-Quality Measurement and Analysis-Corporate Subscription
OEA654P-Field Instrumentation and Measurements-Corporate Subscription
OEA655P-Tank Farm Management-Corporate Subscription
OEA656P-Applications of Mathematical Programming in the Refining Industry-Corporate Subscription
OEA657P-Refinery Offsite Operations-Corporate Subscription
OEA658P-All About Octane-Corporate Subscription
OEA659P-Refinery Hydrocarbon Management-Corporate Subscription
OEA660P-Digital Transformation in the Refining Industry-Corporate Subscription
OEA661P-Oil Movement and Storage System-Corporate Subscription
OEA662P-Mass Reconciliation Applications in Various Industries-Corporate Subscription
OEA663P-Refinery of the Future-Corporate Subscription
OEA664P-Planning and Scheduling Systems in the Refining Industry-Corporate Subscription
OEA665P-Project Management for the Offsite Operation System-Corporate Subscription
OEA666P-Blend Quality Models-Corporate Subscription

OEA1201D-Academy Curriculum Architecture



Structured Curriculum MCOR Courses - Hybrid Streaming

No Subscription

Individual Enrollment

OEA701P-MCOR-M-Manage Infrastructure
OEA702P-MCOR-C-Control Manufacturing
OEA703P-MCOR-O-Optimize Production
OEA704P-MCOR-R-Reconcile Hydrocarbon

Corporate Enrollment

OEA726P-MCOR-M-Manage Infrastructure-Corporate
OEA727P-MCOR-C-Control Manufacturing-Corporate
OEA728P-MCOR-O-Optimize Production-Corporate
OEA729P-MCOR-R-Reconcile Hydrocarbon-Corporate



Specialized Course-Hybrid Streaming

Structured Curriculum

Specialized Courses- Hybrid Streaming

No Subscription

Individual Enrollment

OEA705P-Blend Control and Optimization
OEA706P-Blending in Refining Industry
OEA707P-Quality Measurement and Analysis
OEA708P-Field Instrumentation and Measurements
OEA709P-Tank Farm Management
OEA710P-Applications of Mathematical Programming in the Refining Industry
OEA711P-Refinery Offsite Operations
OEA712P-All About Octane
OEA713P-Refinery Hydrocarbon Management
OEA714P-Digital Transformation in the Refining Industry
OEA715P-Oil Movement and Storage System
OEA716P-Mass Reconciliation Applications in Various Industries
OEA717P-Refinery of the Future
OEA718P-Planning and Scheduling Systems in the Refining Industry
OEA719P-Project Management for the Offsite Operation System
OEA720P-Blend Quality Models

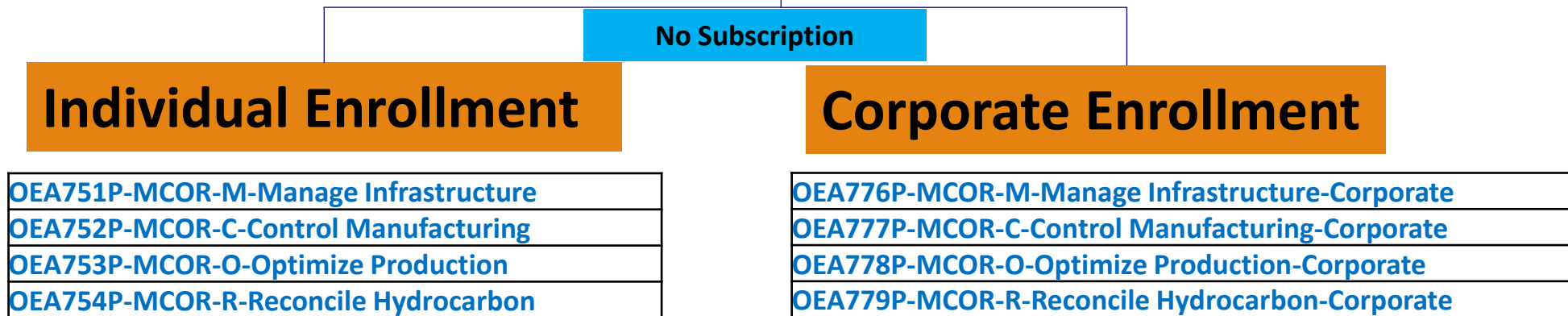
Corporate Enrollment

OEA730P-Blend Control and Optimization-Corporate
OEA731P-Blending in Refining Industry-Corporate
OEA732P-Quality Measurement and Analysis-Corporate
OEA733P-Field Instrumentation and Measurements-Corporate
OEA734P-Tank Farm Management-Corporate
OEA735P-Applications of Mathematical Programming in the Refining Industry-Corporate
OEA736P-Refinery Offsite Operations-Corporate
OEA737P-All About Octane-Corporate
OEA738P-Refinery Hydrocarbon Management-Corporate
OEA739P-Digital Transformation in the Refining Industry-Corporate
OEA740P-Oil Movement and Storage System-Corporate
OEA741P-Mass Reconciliation Applications in Various Industries
OEA742P-Refinery of the Future-Corporate
OEA743P-Planning and Scheduling Systems in the Refining Industry-Corporate
OEA744P-Project Management for the Offsite Operation System-Corporate
OEA745P-Blend Quality Models-Corporate

OEA1201D-Academy Curriculum Architecture



Structured Curriculum MCOR Courses - Live Streaming





Specialized Courses-Live Streaming

Structured Curriculum

Specialized Courses-Live Streaming

No Subscription

Individual Enrollment

OEA755P-Blend Control and Optimization
OEA756P-Blending in Refining Industry
OEA757P-Quality Measurement and Analysis
OEA758P-Field Instrumentation and Measurements
OEA759P-Tank Farm Management
OEA760P-Applications of Mathematical Programming in the Refining Industry
OEA761P-Refinery Offsite Operations
OEA762P-All About Octane
OEA763P-Refinery Hydrocarbon Management
OEA764P-Digital Transformation in the Refining Industry
OEA765P-Oil Movement and Storage System
OEA766P-Mass Reconciliation Applications in Various Industries
OEA767P-Refinery of the Future
OEA768P-Planning and Scheduling Systems in the Refining Industry
OEA769P-Project Management for the Offsite Operation System
OEA770P-Blend Quality Models

Corporate Enrollment

OEA780P-Blend Control and Optimization-Corporate
OEA781P-Blending in Refining Industry
OEA782P-Quality Measurement and Analysis-Corporate
OEA783P-Field Instrumentation and Measurements-Corporate
OEA784P-Tank Farm Management-Corporate
OEA785P-Applications of Mathematical Programming in the Refining Industry-Corporate
OEA786P-Refinery Offsite Operations-Corporate
OEA787P-All About Octane-Corporate
OEA788P-Refinery Hydrocarbon Management-Corporate
OEA789P-Digital Transformation in the Refining Industry-Corporate
OEA790P-Oil Movement and Storage System-Corporate
OEA791P-Mass Reconciliation Applications in Various Industries-Corporate
OEA792P-Refinery of the Future-Corporate
OEA793P-Planning and Scheduling Systems in the Refining Industry-Corporate
OEA794P-Project Management for the Offsite Operation System-Corporate
OEA795P-Blend Quality Models-Corporate

OEA1201D-Academy Curriculum Architecture



Structured Curriculum

Choose N Enroll

Individual Enrollment

OEA801P-Custom Curriculum-Individual

OEA801-631C-MCOR

Corporate Enrollment

OEA802P-Custom Curriculum-Corporate

Here 63 is user id and 1 the number of his custom curriculum. That number will increase for subsequent custom enrollment after his userid of 63, for example.
Similar nomenclature is followed for corporate enrollment OEA802.



Corporate Courses

No.	Category	License	Subscription
1	Bundled Structured Courses	11	11
2	Specialized Courses	16	16
3	Hybrid Streaming	20	
4	Live Streaming	20	
5	Demo and Test courses	1	1
Total		68	28



Demo Course

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No	Course ID	Demo Purpose	Available
1	OEA1001C	Individual single course enrollment with all payment plans	
2	OEA1002C	Individual bundled course enrollment with all payment plans	
3	OEA1003C	Corporate license enrollment with all single payment plan	
4	OEA1004C	Corporate license enrollment with all subscription payment plan	



Test Courses

32

No	Course ID	Test Purpose	Available	Format
1	OEA1001C	Consolidated al H5P format Topics	Yes	LearnDash
2	OEA1002C	Consolidated all Video format Topic	Yes	LearnDash
3	OEA1003C	Consolidated all Academy Courses	Pending	Excel
4	OEA1004C	All Topic Quizzes	Yes	LearnDash
5	OEA1005C	All Course Quizzes	Yes	LearnDash
6	OEA1006C	All Topic Datasheets	Pending	Excel
7	OEA1007C	All Course Catalogues	Pending	Excel



Fixed SKU's

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No	Purpose	Course	Module	Topic	Quiz	Survey
1	Welcome		OEA901M	OEA901T		
2	Course Survey					OEA901Q
3	Academy Survey					OEA902Q
4	Free Course (400-450)					OEA903Q
4	Closing		OEA902M	OEA902T		



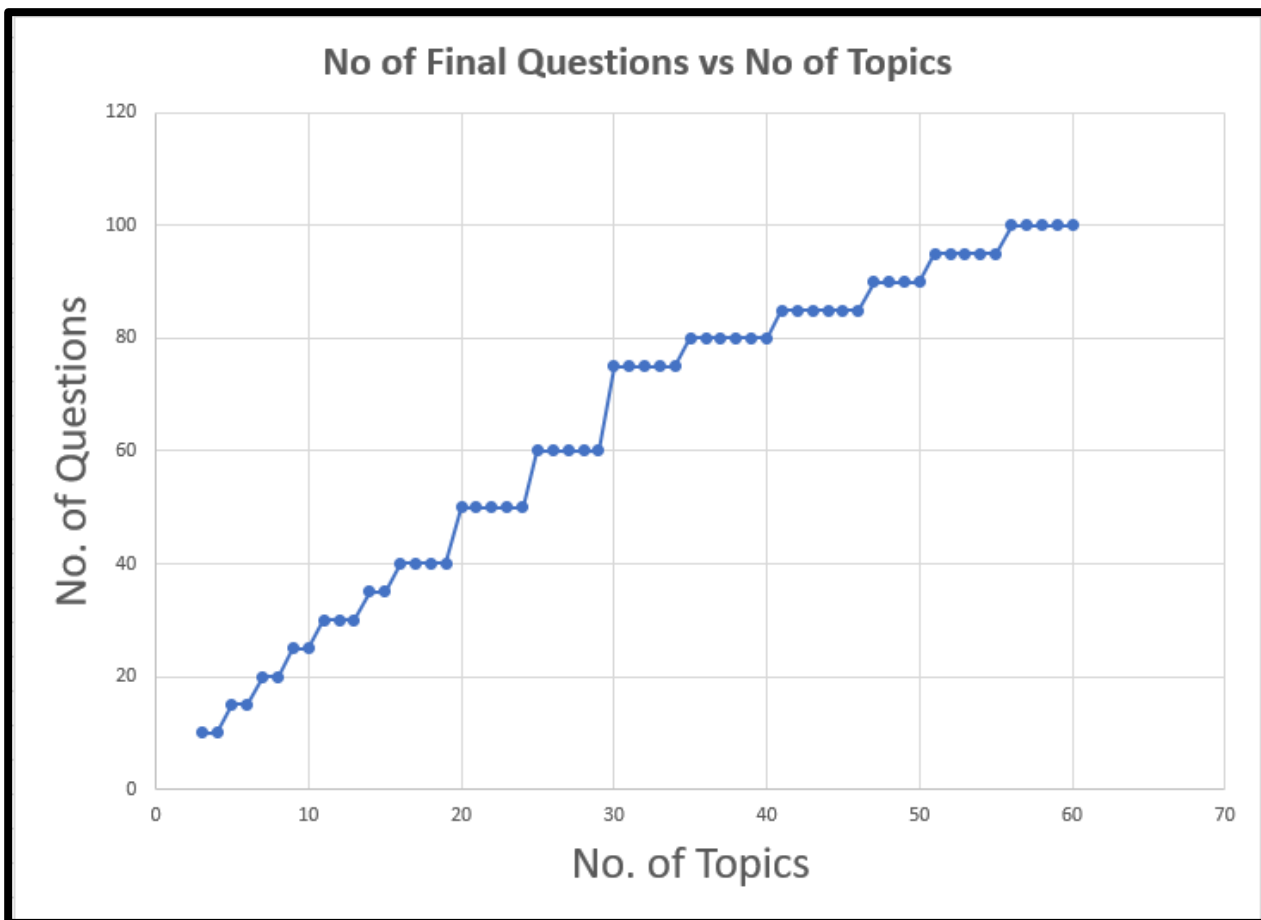
Quizzes

34

No	Type	SKU Ranges	# of Quizzes	# Questions
1	Topic Quizzes	OEA1Q-OEA200Q	200	1000 not-shared questions to create databank
2	Topic Surveys	OEA1S-OEA260S	260	1 survey shared Question
3	Course Evaluation Survey	OEA901Q	1	10 Questions
4	Academy Survey	OEA902Q	1	5 Questions
5	Final Course Quizzes	OEA501Q-OEA795	191	Varies from 10 to 150 questions
6	Free Courses	OEA401Q-OEA425Q	5	5 questions
7	Free Courses Survey	OEA903Q	1	5 Questions
Total			655	



Random questions for final course quizzes



# of Final Course Quiz Questions				# of Final Course Quiz Questions			
No.	NT	NQ	NFQ	No.	NT	NQ	NFQ
1	1	5	5	26	27	135	60
2	3	15	10	27	28	140	60
3	4	20	10	28	29	145	60
4	5	25	15	29	30	150	75
5	6	30	15	30	31	155	75
6	7	35	20	31	32	160	75
7	8	40	20	32	33	165	75
8	9	45	25	33	34	170	75
9	10	50	25	34	35	175	80
10	11	55	30	35	36	180	80
11	12	60	30	36	37	185	80
12	13	65	30	37	38	190	80
13	14	70	35	38	39	195	80
14	15	75	35	39	40	200	80
15	16	80	40	40	41	205	85
16	17	85	40	41	42	210	85
17	18	90	40	42	43	215	85
18	19	95	40	43	44	220	85
19	20	100	50	44	45	225	85
20	21	105	50	45	46	230	85
21	22	110	50	46	47	235	90
22	23	115	50	47	48	240	90
23	24	120	50	48	49	245	90
24	25	125	60	49	50	250	90
25	26	130	60	50	51	255	95
				51	52	260	95
				52	53	265	95
				53	54	270	95
				54	55	275	95
				55	56	280	100
				56	57	285	100
				57	58	290	100
				58	59	295	100
				59	60	300	100



Course attributes Matrix






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No.	Attribute	eLearning	Hybrid Streaming	Live Steaming
1	Platform	OMS Academy	Click Meeting/Zoom	Click Meeting/Zoom
2	Content Format	Combination of manually progressed PPT Slides and auto-progressed audio-Video	Pre-recorded Audio/Video + Live Audio with Slides	Live Audio with PPT slides
3	Subtitles	English/Spanish only with Recorded Audio-Video, Slides on sub-titles	Only with pre-recorded audio-Video	None
4	Q&A	Online Questions during topic session but offline answers via Forums	Online Questions during session and online Answers after the topic	Online Questions during session and online Answers after the topic
5	Topic Quiz	Self progressed	Pop-up Quiz taken online	Pop-up Quiz taken online
6	Topic Survey	Self Progressed	Pop-up Survey taken online	Pop-up Survey taken online
7	Final Quiz/Surveys	Self Progressed	Pop-up Quiz and Surveys taken online	Pop-up Quiz and Surveys taken online
8	Certification	Automatic mailed after passing the final quiz with 80% passing grade	Mailed after the course ends. No passing grade Criterion	Mailed after the course ends. No passing grade Criterion

OEA1201D-Academy Curriculum Architecture



Payment Mode template

Mode	Scheduled	Course Duration	One Payment	Four Payment	Subscription	Scan or Click to Enroll
eLearning	Not Applicable	Unlocked for 6 weeks	\$289	\$79 /week for four weeks, lessons dripped with payments	\$79/week for 4 weeks + \$39/week afterwards	 SCAN ME
Hybrid online learning	Jan 21, 2021 7 AM PST 9 AM CST 10 AM EST	8 Hours	\$329	Not Applicable		 SCAN ME
Live online learning	Feb 21, 2021 7 AM PST 9 AM CST 10 AM EST	8 Hours	\$349			 SCAN ME
For corporate group enrollment, the price is per seat with minimum of 10 seats. Click or scan here for corporate enrollment in any of the above option 						 SCAN ME



Summary

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This document described all nomenclature of all courses in the OMS eLearning Academy and must be followed and updated to keep it current.