

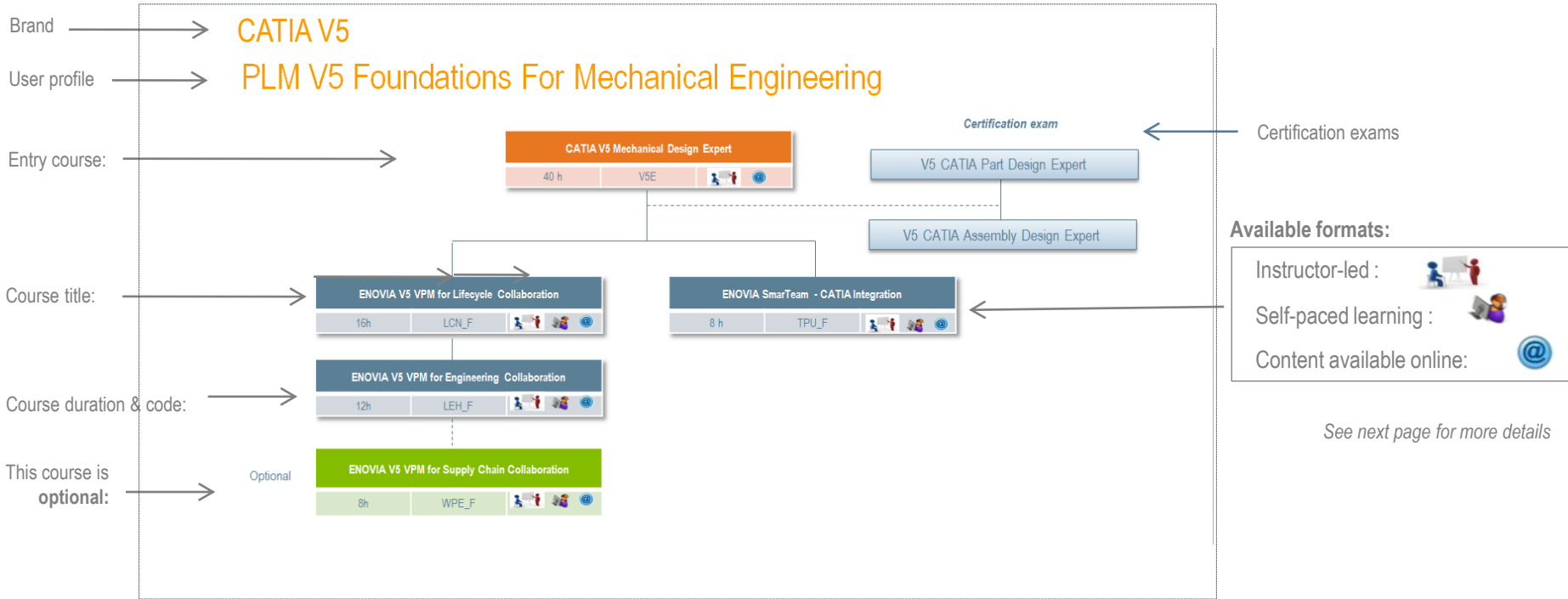
3DEXPERIENCE

Dassault Systèmes University

Version 5 Learning Paths

March 2013

How to read the learning path



Notes:

- 'Essential' in a course title means that the course is self-sufficient and includes fundamental and advanced topics
- To view a **course description** click on the **course code** (underlined blue)

See next page for more details

More information

Delivery formats:

- ▶ **Instructor led:** the class is delivered by an instructor, either face-to-face or distant (virtual) via an internet connection and a screen sharing session.
- ▶ **Self-paced:** the learner can learn alone with the courseware
- ▶ In all cases, the courseware is available **online** via **Companion Learning Space** <https://companion.3ds.com>.

Companion Learning Space



- ▶ More information on **certification exams**, go to menu **Testing and Certification / How to get certified?**
<http://www.3ds.com/education/3ds-university/testing-and-certification/how-to-get-certified>

V5 learning paths by user profile (1/5)

9. CATIA V5 - *PLM V5 Foundations for All Profiles*
10. CATIA V5 - *PLM V5 Foundations For Mechanical Engineering*
11. CATIA V5 - *Mechanical Designer / Draftsmen*
12. CATIA V5 – *Mechanical Designer / CAD Designer 1/2*
13. CATIA V5 - *Mechanical Designer / CAD Designer 2/2*
14. CATIA V5 - *Mechanical Designer / Product Architect/Standards Manager 1/2*
15. CATIA V5 - *Mechanical Designer / Product Architect/Standards Manager 2/2*
16. CATIA V5 - *Mechanical Designer/IT System Engineer/CAD Administrator*
17. CATIA V5 - *CATIA V5 Aerospace/Designers*
18. CATIA V5 - *CATIA V5 Aerospace/Reviewers*
19. CATIA V5 - *Surface Designer/Styling Designer 1/2*
20. CATIA V5 - *Surface Designer/Styling Designer 2/2*
21. CATIA V5 - *Surface Designer/Aesthetical Shape Designer 1/3*

V5 learning path by user profile (2/5)

22. CATIA V5 - Surface Designer/Aesthetical Shape Designer 2/3
23. CATIA V5 - Surface Designer/Aesthetical Shape Designer 3/3
24. CATIA V5 - Surface Designer/Functional Shape Designer 1/2
25. CATIA V5 - Surface Designer/Functional Shape Designer 2/2
26. CATIA V5 - Specialized Designer/Composite Designer
27. CATIA V5 - Specialized Designer/Composite Manufacturing Engineer
28. CATIA V5 - Specialized Designer/Sheetmetal Design
29. CATIA V5 - Specialized Designer/Mold and Die Design 1/2
30. CATIA V5 - Specialized Designer/Mold and Die Design 2/2
31. CATIA V5 - Digital Mock Up/Design Reviewer
32. CATIA V5 - Digital Mock Up/Mechanism Simulation/Assembly simulation 1/2
33. CATIA V5 - Digital Mock Up/Mechanism Simulation/Assembly simulation 2/2
34. CATIA V5 - Digital Mock Up/Human Simulation Ergonomics

V5 learning path by user profile (3/5)

35. CATIA V5 - Digital Mock Up/Realistic Rendering/Perceived Quality Specialist
36. CATIA V5 - Analysis/Designer 1/2
37. CATIA V5 - Analysis Designer 2/2
38. CATIA V5 - Analysis/Engineer
39. CATIA V5 - Analysis/Specialist
40. CATIA V5 - Machining/Mill and Turn
41. CATIA V5 - Machining/Prismatic Machined Parts
42. CATIA V5 - Machining/Mold and Die 1/2
43. CATIA V5 - Machining/Mold and Die 2/2
44. CATIA V5 - Machining/Machined Part1/2
45. CATIA V5 - Machined Part 2/2
46. CATIA V5 - Electrical/Electronic Engineer

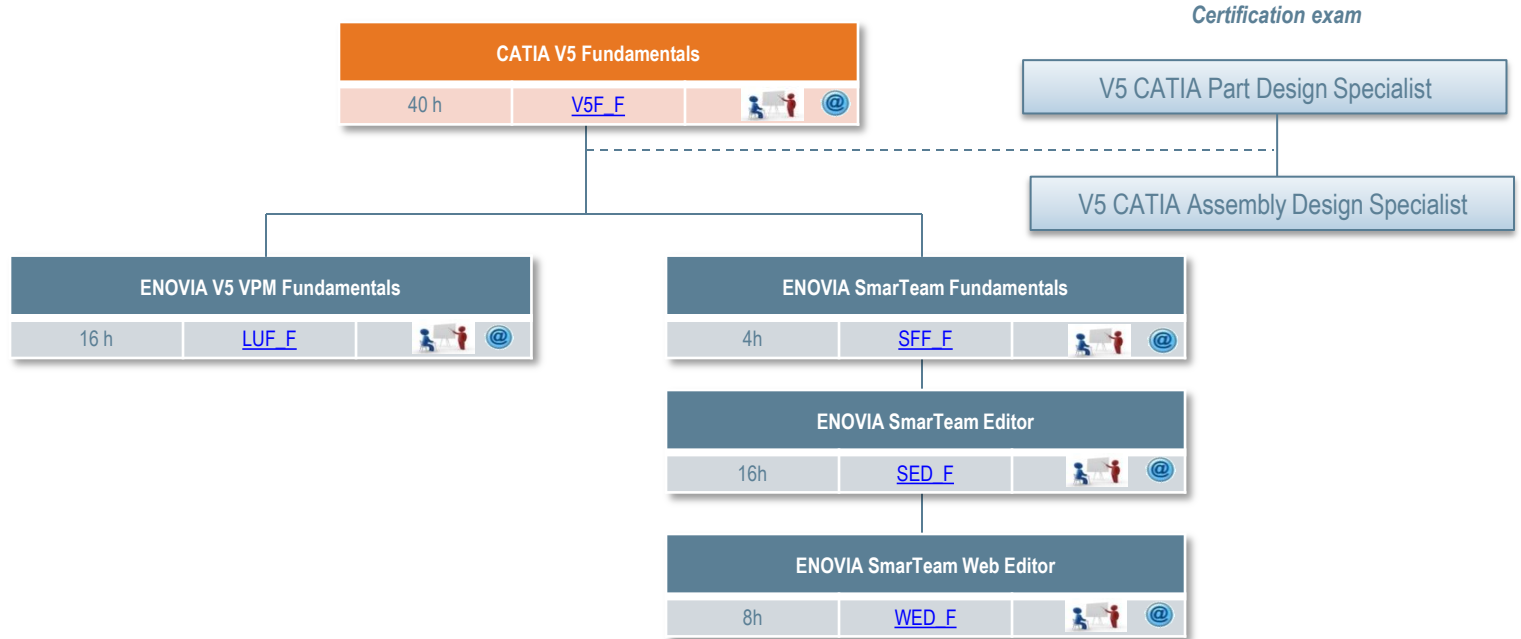
V5 learning path by user profile (4/5)

47. CATIA V5 - Electrical/Wire Harness Designer and Installer 1/2
48. CATIA V5 - Electrical Harness Designer and Installer 2/2
49. CATIA V5 - Electrical/Standard, Catalog and Specification Manager 1/2
50. CATIA V5 - Electrical/Standards, Catalog and Specification Manager 2/2
51. CATIA V5 - Electrical Documentation and Harness Manufacturing
52. CATIA V5 - Equipment and Systems/Space Reservation
53. CATIA V5 - Equipment and Systems/System Routing Engineer
54. CATIA V5 - Tubing/System Engineer (2D)
55. CATIA V5 - Tubing/System Designer (3D)
56. CATIA V5 - Tubing/Standards, Catalog and Specification Administrator 1/2
57. CATIA V5 - Tubing/Standards, Catalogs and Specification Administrator 2/2
58. CATIA V5 - Piping/System Engineer
59. CATIA V5 - Piping Designer
60. CATIA V5 – Piping/Standards, Catalog and Specification Manager 1/2

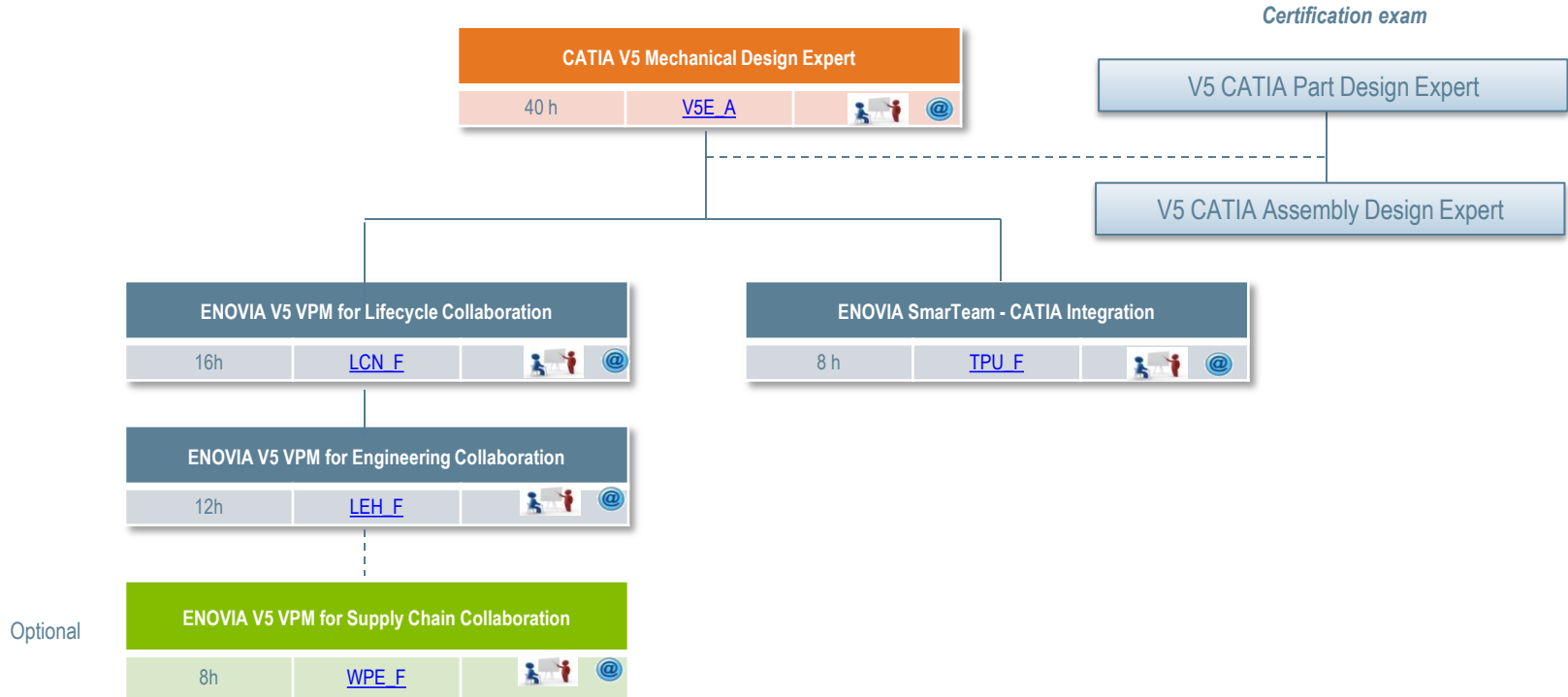
V5 learning path by user profile (5/5)

61. CATIA V5 - Piping/Standards, Catalog and Specification Manager 2/2
62. CATIA V5 - Heating Ventilating Air Conditioning/System Engineer
63. CATIA V5 - Heating Ventilating Air-Conditioning.HVAC Designer
64. CATIA V5 - Heating Ventilating Air-Conditioning/Standards, Catalog and Specification Administrator 1/2
65. CATIA V5 - Heating Ventilating Air-Conditioning/Standards, Catalog and Specification Administrator 2/2
66. CATIA V5 - Shipbuilding Hull Structure/Functional Designer 1/2
67. CATIA V5 - Shipbuilding Hull Structure/Functional Designer 2/2
68. CATIA V5 - Shipbuilding Hull Structure/Standards, Catalog and Specification Administrator 1/2
69. CATIA V5 - Shipbuilding Hull Structure/Standards, Catalog and Specification Administrator 2/2
70. CATIA V5 - Compartment and Access/Designer, Standards, Catalog and Specifications Manager
71. CATIA V5 - IT/System Administrator/IT System Engineer
72. CATIA V5 - CATIA V5 to V6 Transition/Mechanical Designer

PLM V5 Foundations For All Profiles

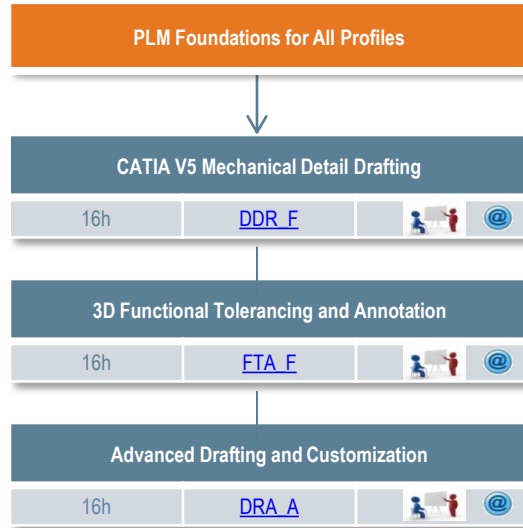


PLM V5 Foundations For Mechanical Engineering



CATIA V5

Mechanical Designer / Draftsmen



CATIA V5

Mechanical Designer / CAD Designer - 1/2



CATIA V5

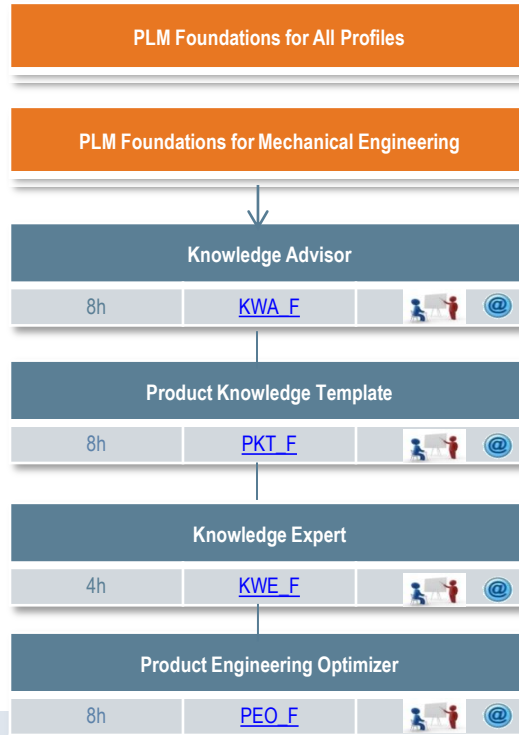
Mechanical Designer / CAD Designer - 2/2

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CATIA V5

Mechanical Designer / Product Architect / Standards Manager - 1/2



CATIA V5

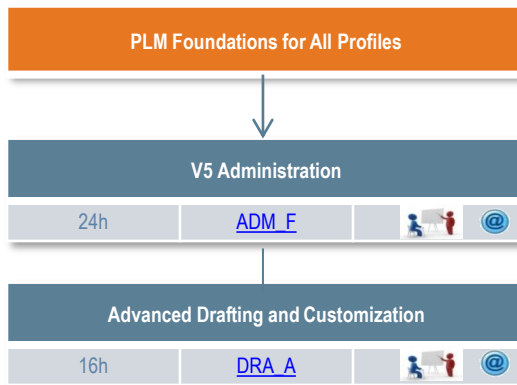
Mechanical Designer / Product Architect / Standards Manager - 2/2

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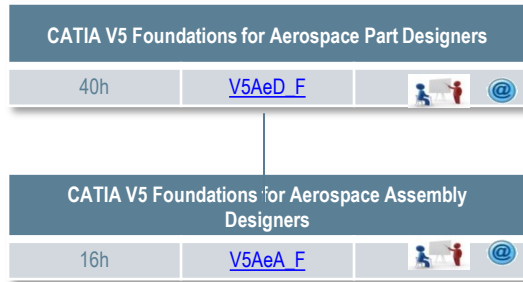
CATIA V5

Mechanical Designer / IT System Engineer/CAD Administrator



CATIA V5

CATIA V5 Aerospace / Designers



CATIA V5

CATIA V5 Aerospace / Reviewers

CATIA V5 Foundations for Aerospace Part Reviewers

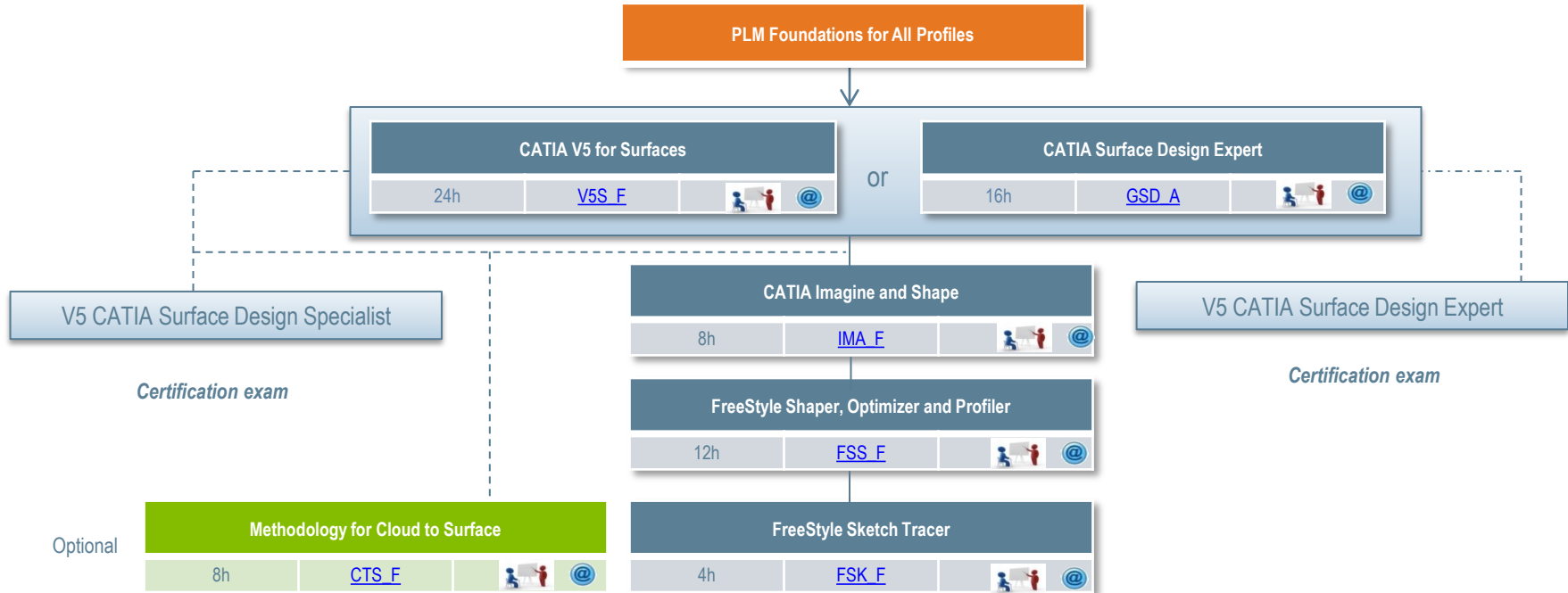
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CATIA V5

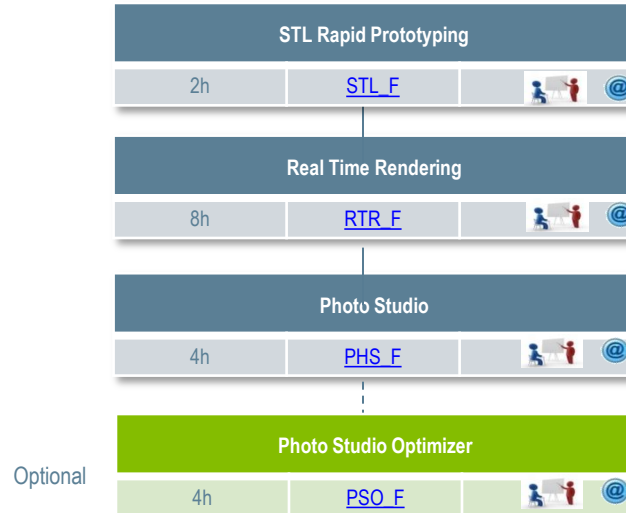
Surface Designer /Styling Designer -1/2



CATIA V5

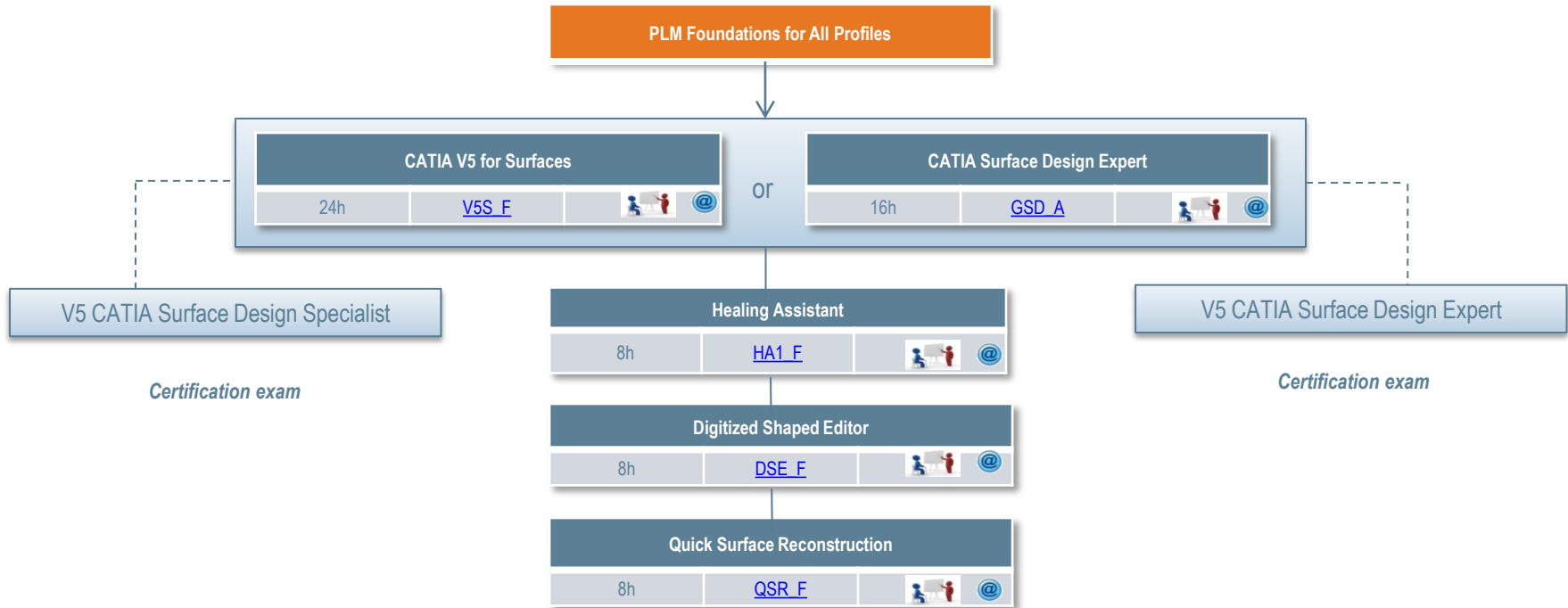
Surface Designer /Styling Designer - 2/2

... continued



CATIA V5

Surface Designer / Aesthetical Shape Designer - 1/3



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CATIA V5

Surface Designer / Aesthetical Shape Designer - 2/3

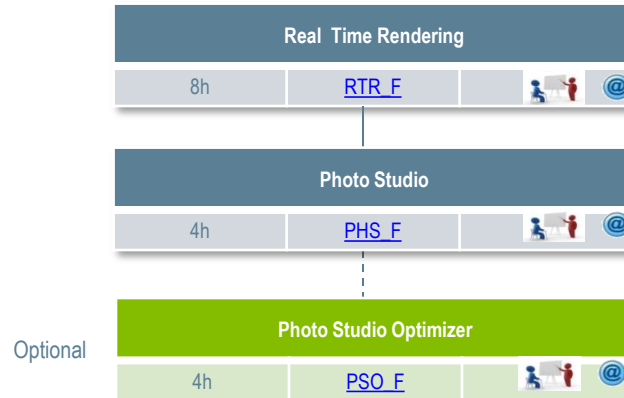
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CATIA V5

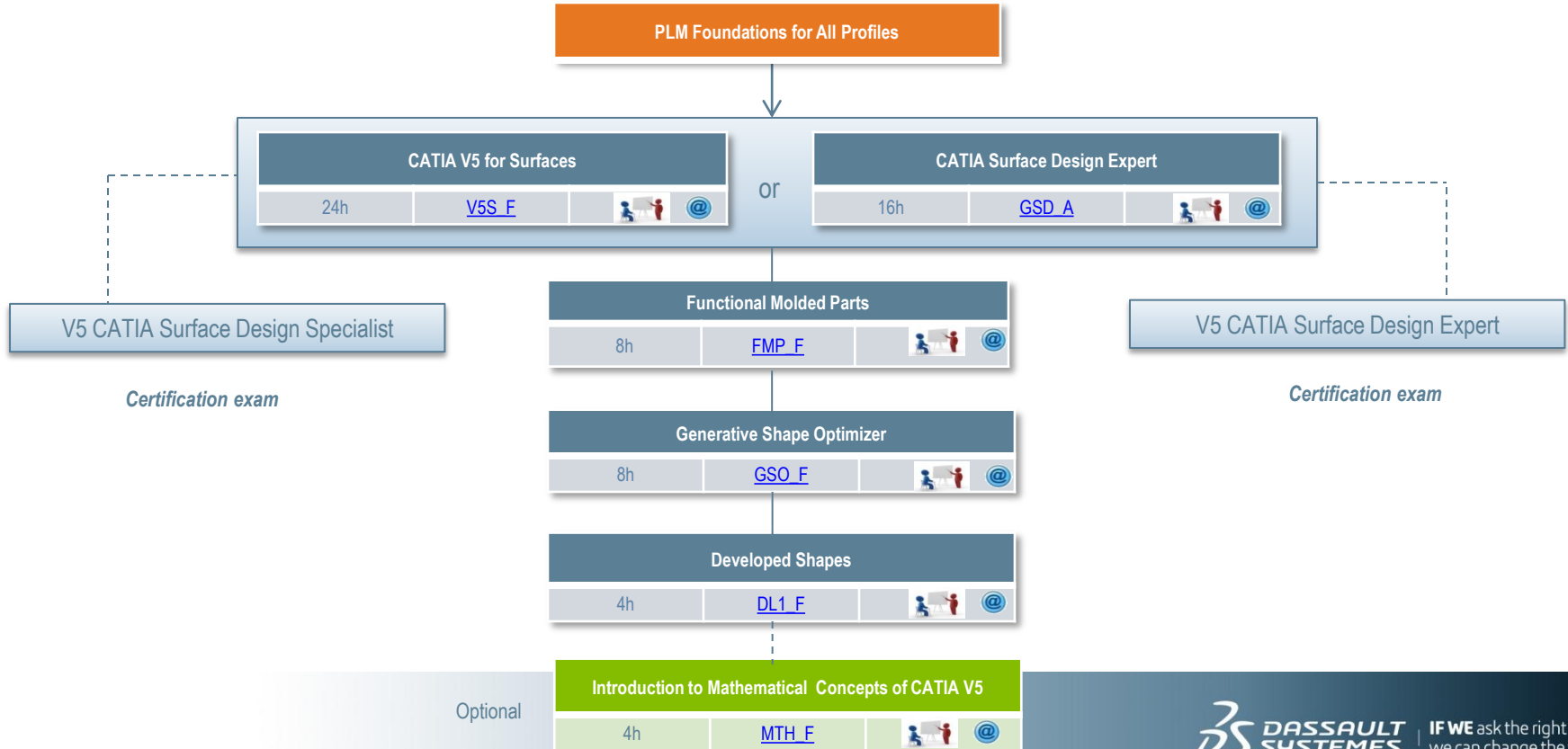
Surface Designer / Aesthetical Shape Designer - 3/3

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CATIA V5

Surface Designer / Functional Shape Designer - 1/2



CATIA V5

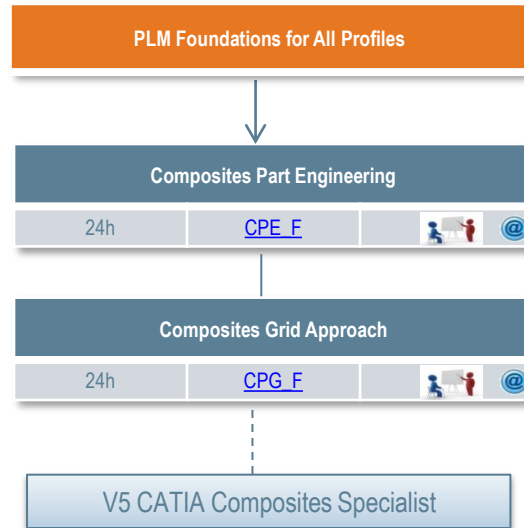
Surface Designer / Functional Shape Designer - 2/2

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CATIA V5

Specialized Designer / Composite Designer

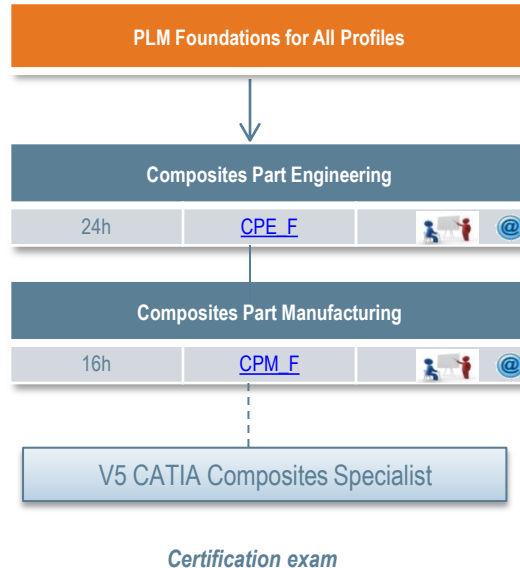


Certification exam

To prepare to this exam, you also need to follow the CPM course – Composite Manufacturing (See next slide)

CATIA V5

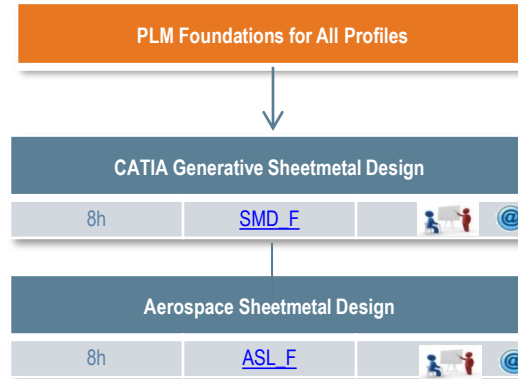
Specialized Designer / Composite Manufacturing Engineer



To prepare to this exam, you also need to follow the CPG course – Composite Grid (See previous slide)

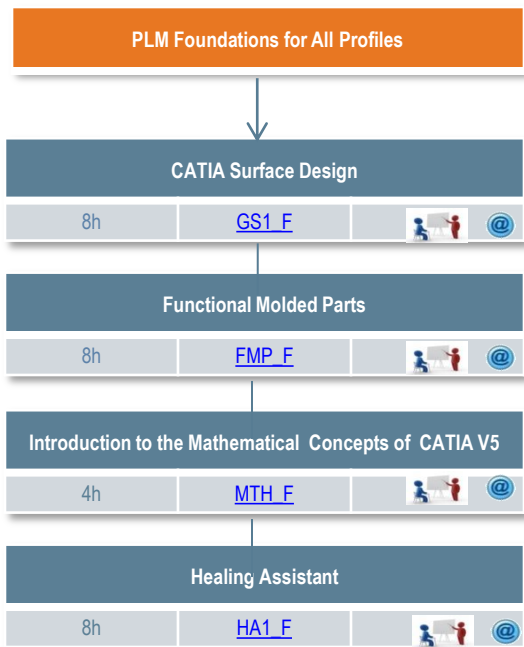
CATIA V5

Specialized Designer / Sheetmetal Design



CATIA V5

Specialized Designer / Mold and Die Design - 1/2



CATIA V5

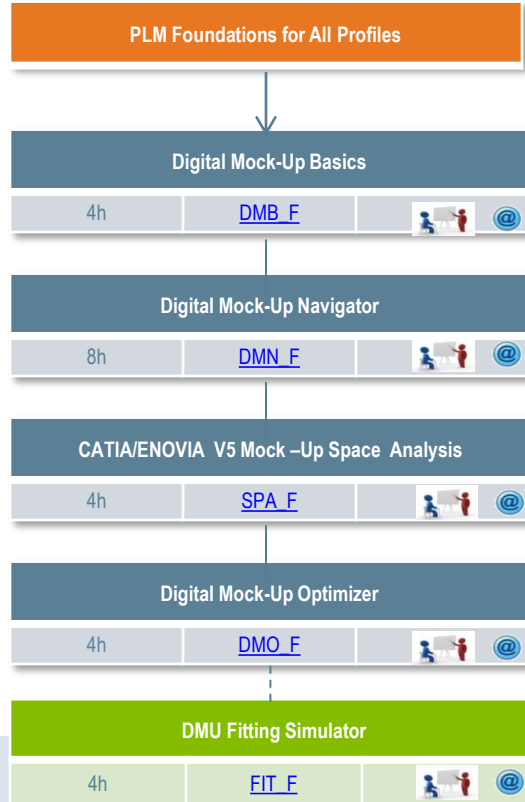
Specialized Designer / Mold and Die Design - 2/2

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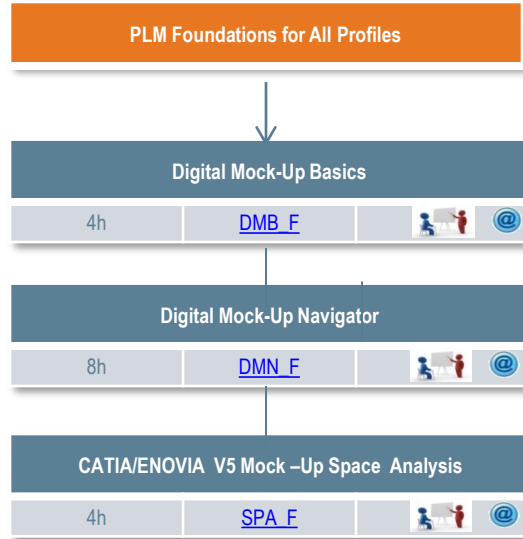
CATIA V5

Digital Mock Up / Design Reviewer



CATIA V5

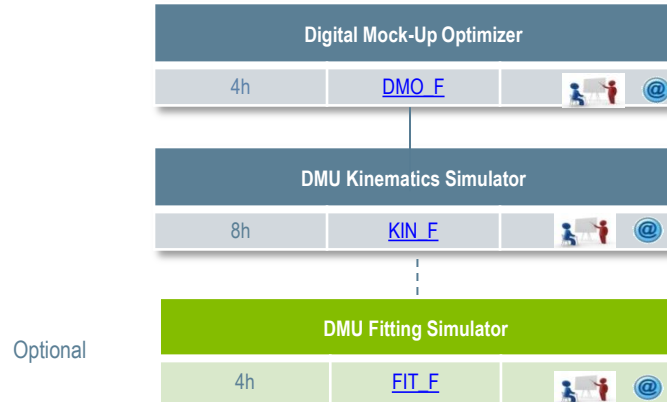
Digital Mock Up / Mechanism Simulation / Assembly simulation - 1/2



CATIA V5

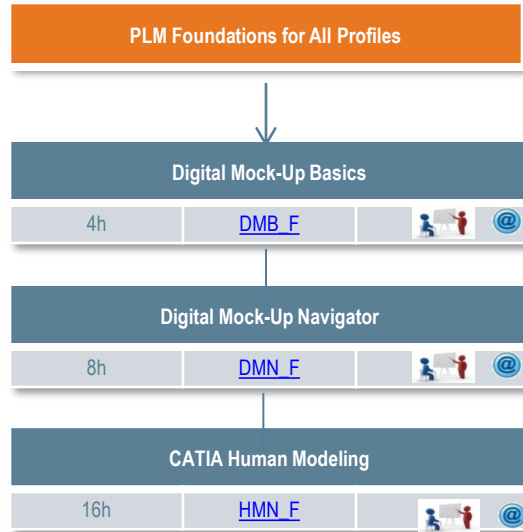
Digital Mock Up / Mechanism Simulation / Assembly simulation - 2/2

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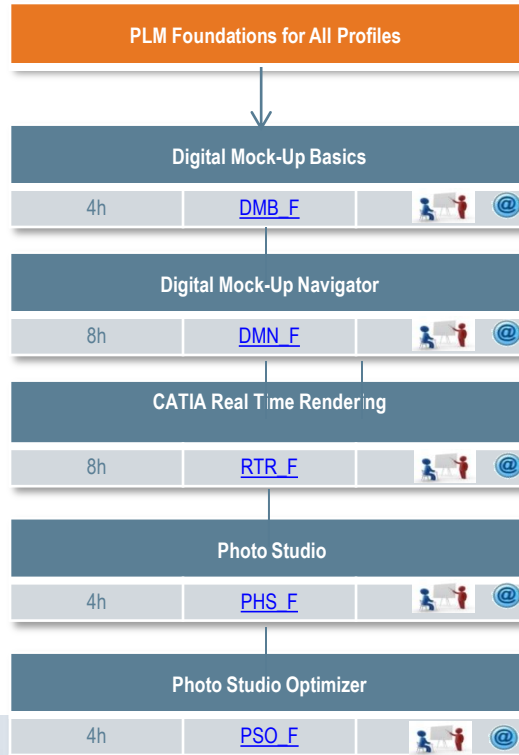
CATIA V5

Digital Mock Up / Human Simulation Ergonomics



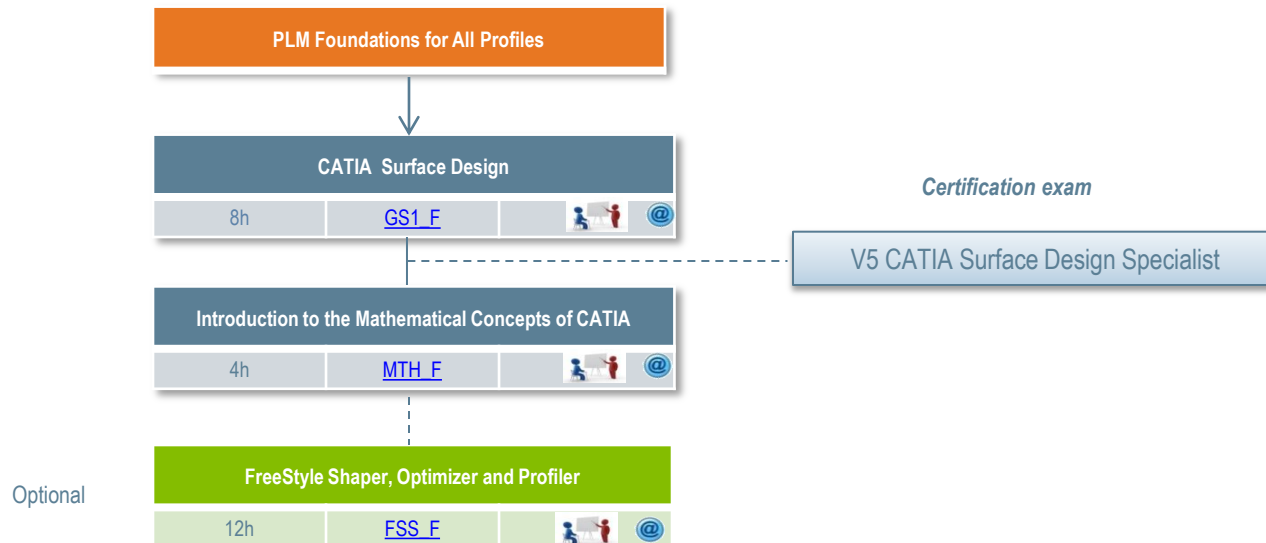
CATIA V5

Digital Mock Up / Realistic Rendering / Perceived Quality Specialist



CATIA V5

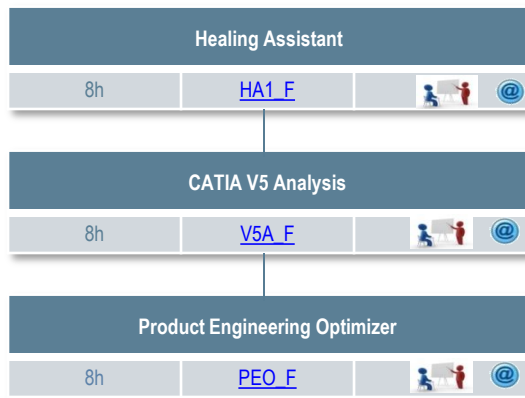
Analysis / Designer - 1/2



CATIA V5

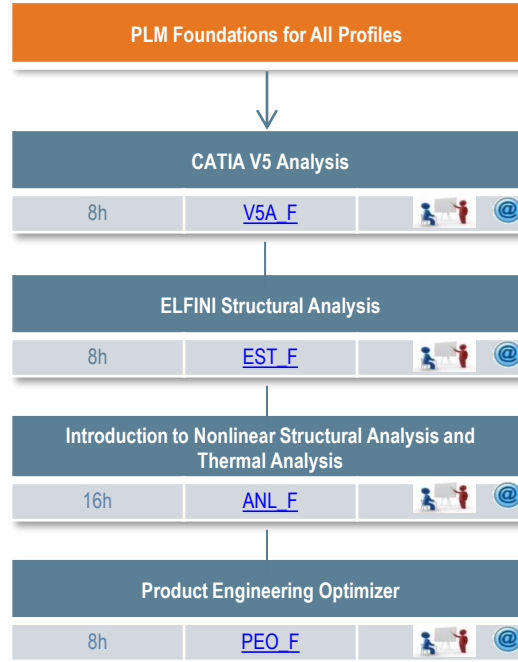
Analysis / Designer - 2/2

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CATIA V5

Analysis / Engineer



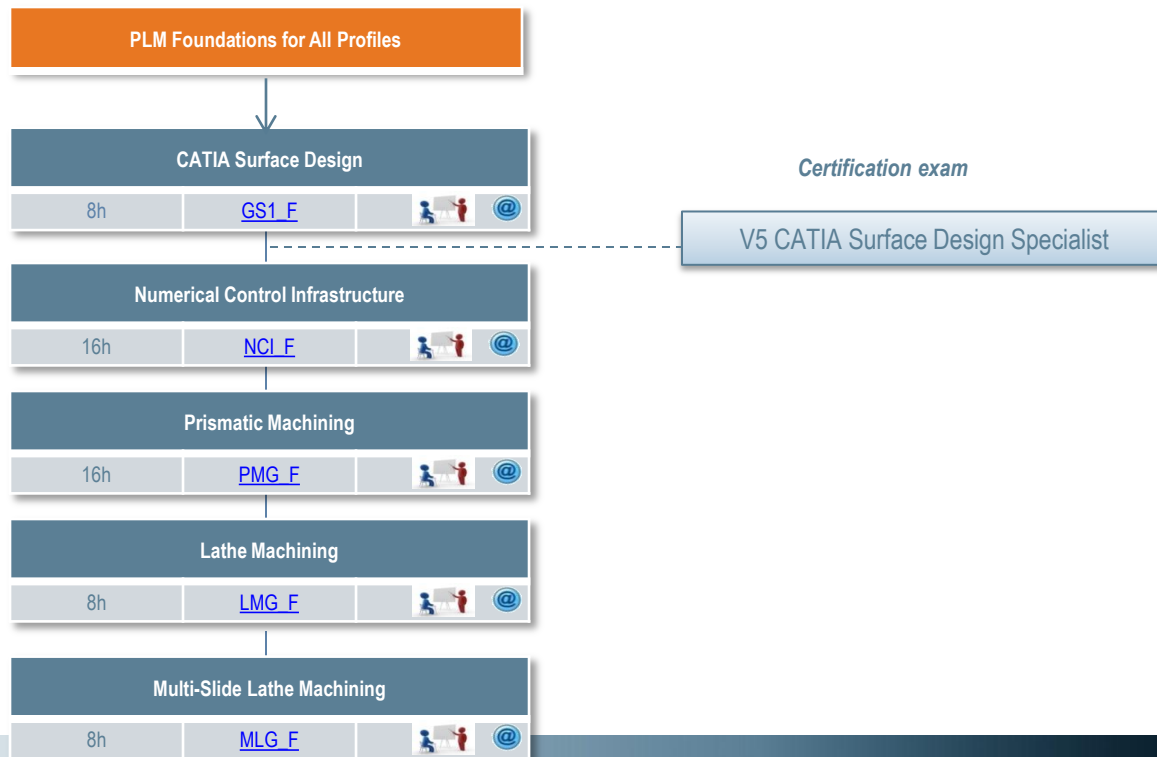
CATIA V5

Analysis / Specialist



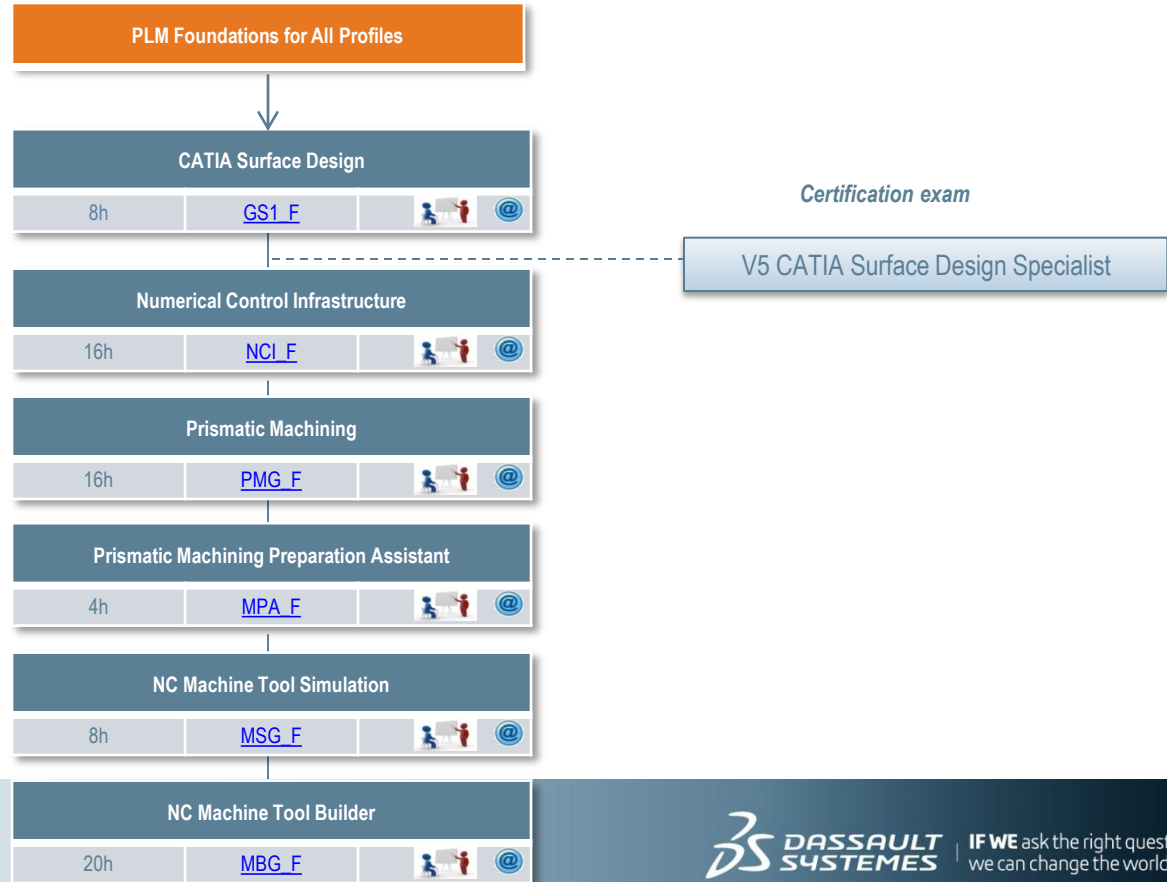
CATIA V5

Machining / Mill and Turn



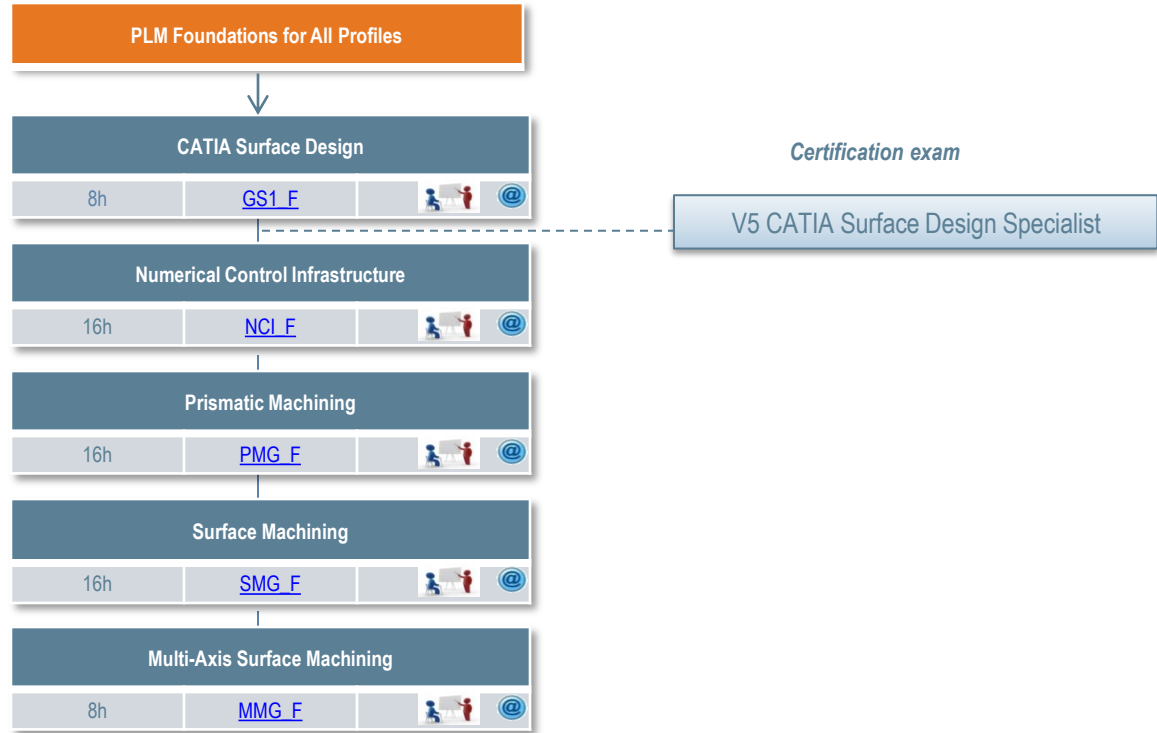
CATIA V5

Machining / Prismatic Machined Parts



CATIA V5

Machining / Mold and Die - 1/2



CATIA V5

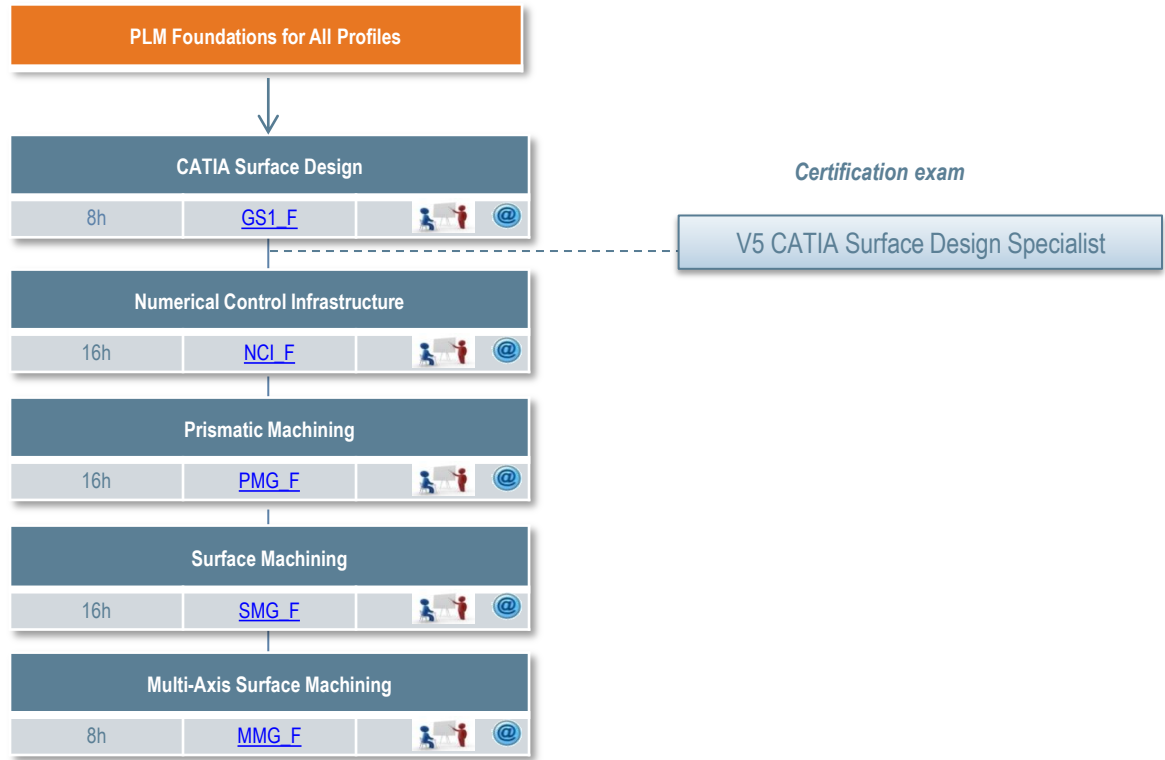
Machining / Mold and Die - 2/2

... continued



CATIA V5

Machining / Machined Part - 1/2



CATIA V5

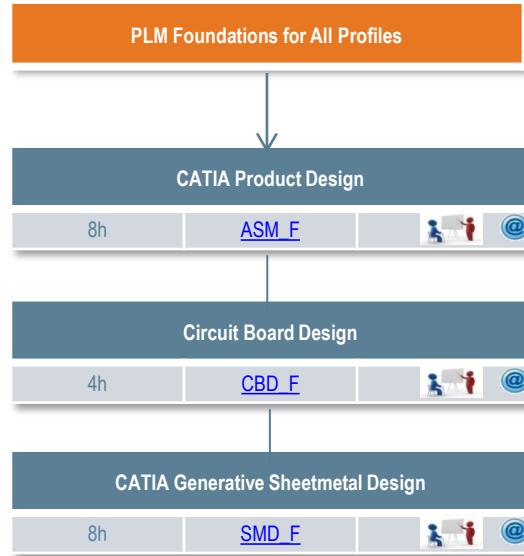
Machining / Machined Part - 2/2

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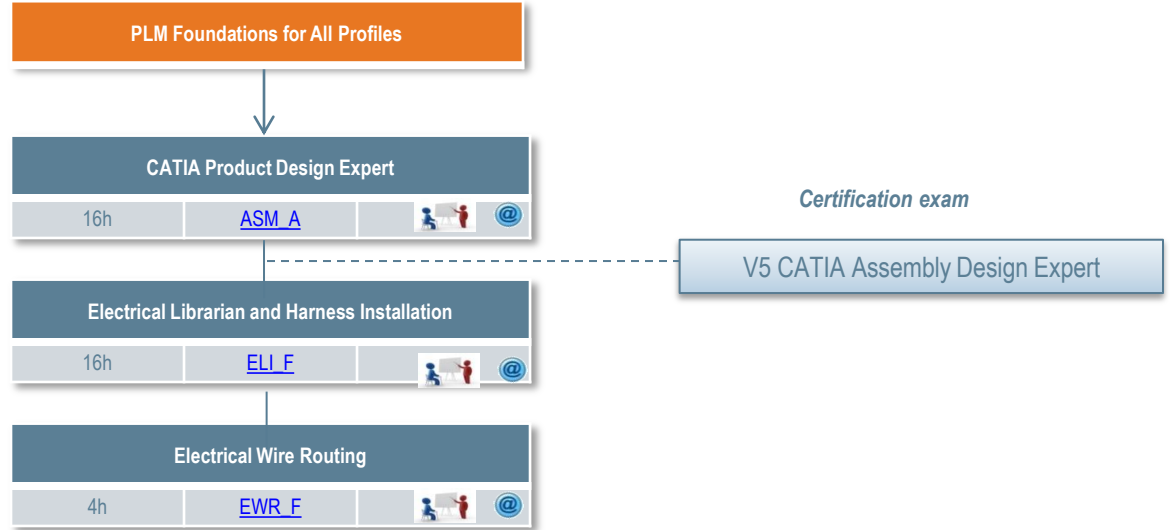
CATIA V5

Electrical / Electronic Engineer



CATIA V5

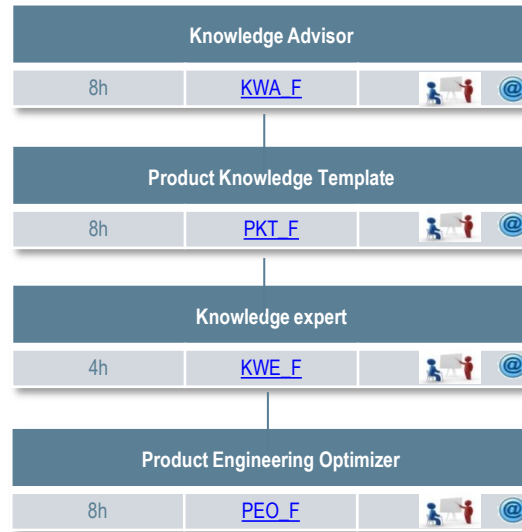
Electrical / Wire Harness Designer and Installer - 1/2



CATIA V5

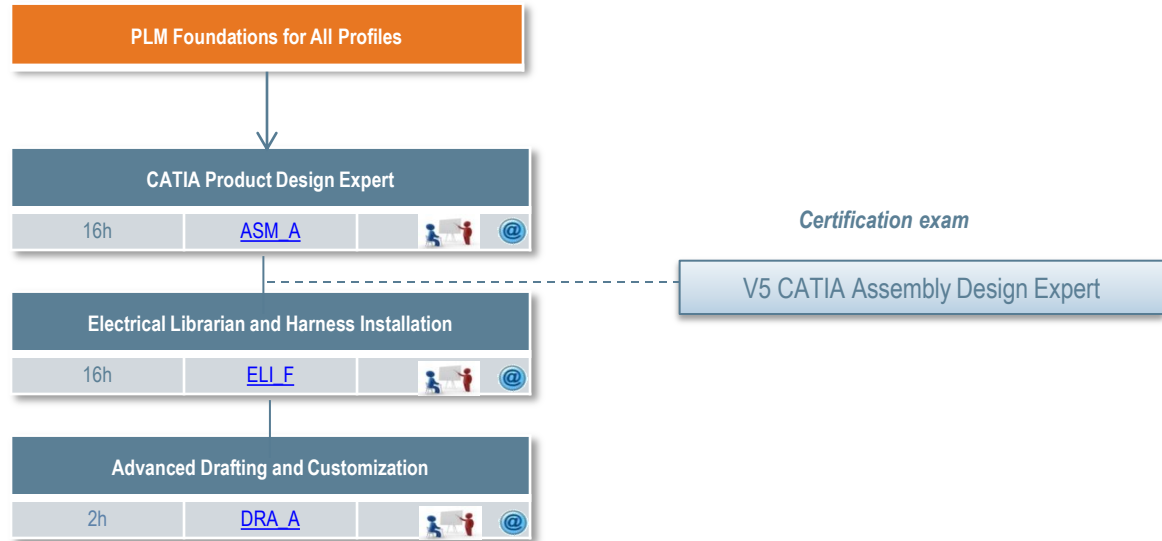
Electrical / Wire Harness Designer and Installer - 2/2

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CATIA V5

Electrical / Standards, Catalog and Specification Manager - 1/2



CATIA V5

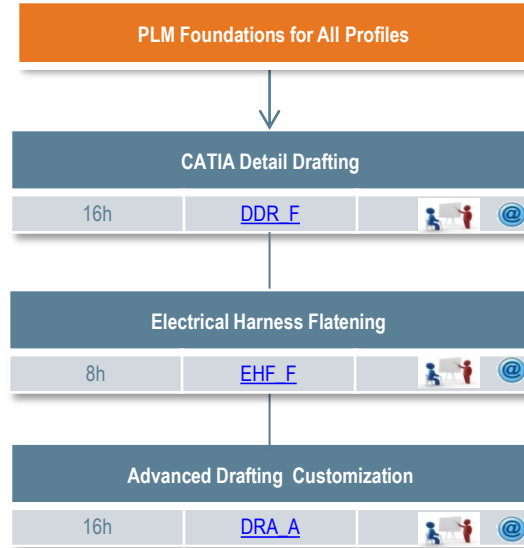
Electrical / Standards, Catalog and Specification Manager - 2/2

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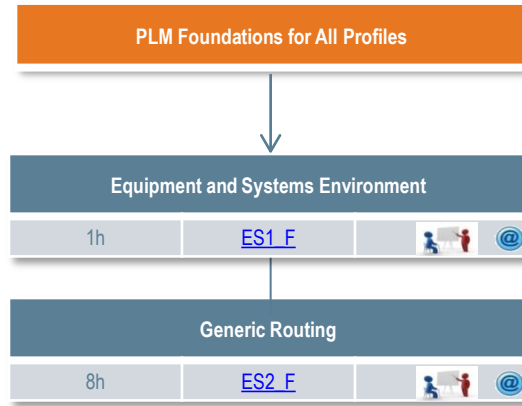
CATIA V5

Electrical / Electrical Documentation and Harness Manufacturing



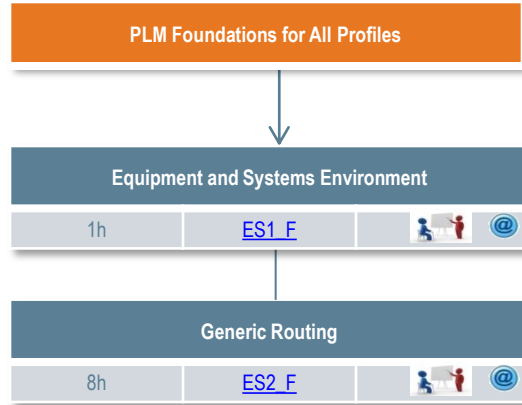
CATIA V5

Equipment and Systems / Space Reservation



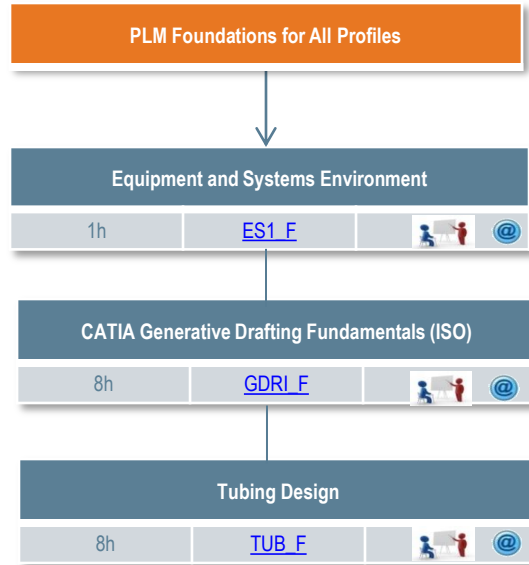
CATIA V5

Equipment and Systems / System Routing Engineer



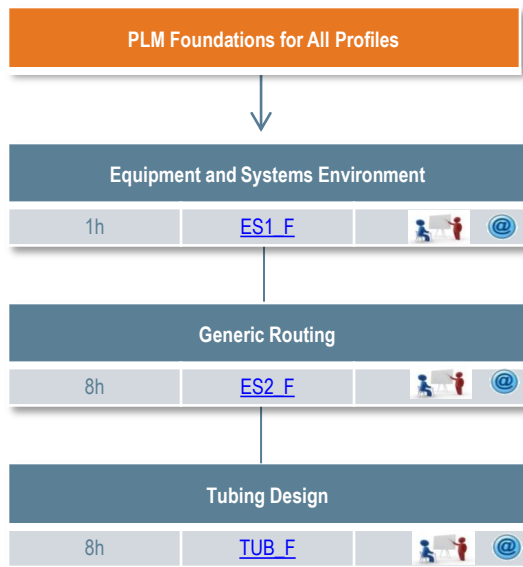
CATIA V5

Tubing / System Engineer (2D)



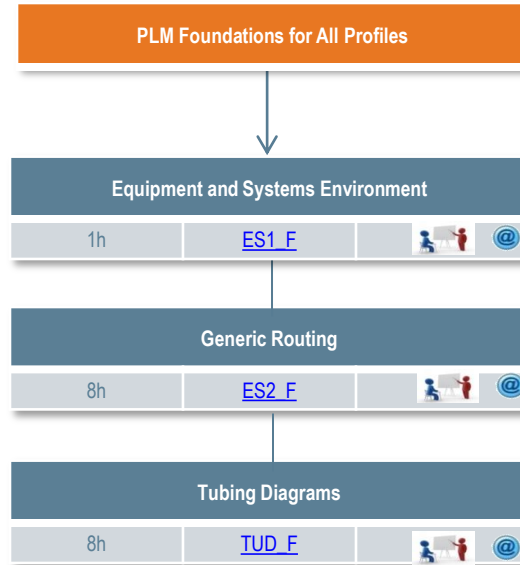
CATIA V5

Tubing / System Designer (3D)



CATIA V5

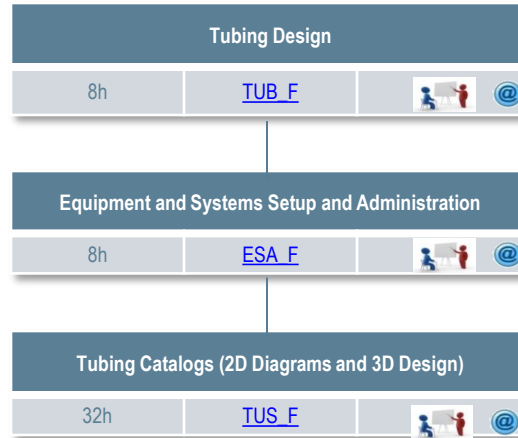
Tubing / Standards, Catalog & Specification Administrator - 1/2



CATIA V5

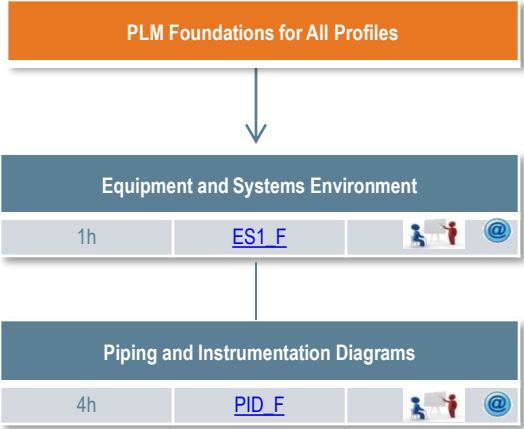
Tubing / Standards, Catalog & Specification Administrator - 2/2

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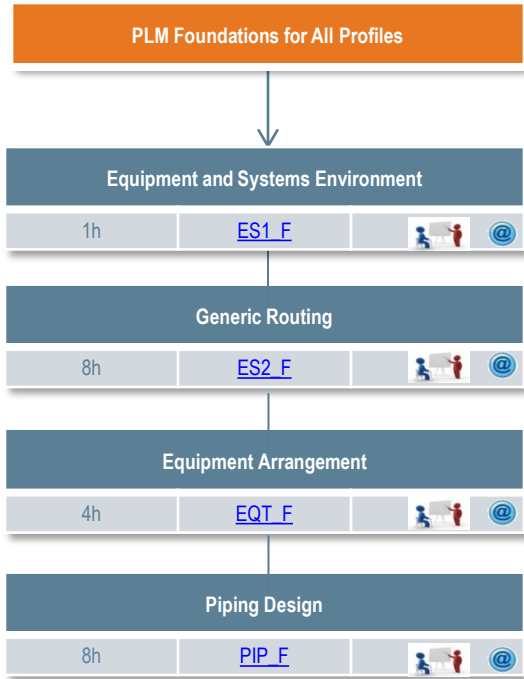
CATIA V5

Piping / System Engineer



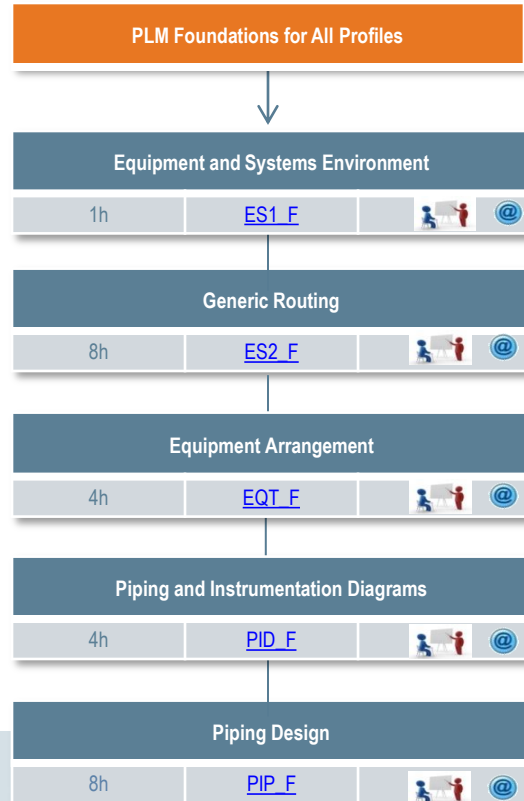
CATIA V5

Piping / Piping Designer



CATIA V5

Piping / Standards, Catalog and Specification Manager - 1/2



CATIA V5

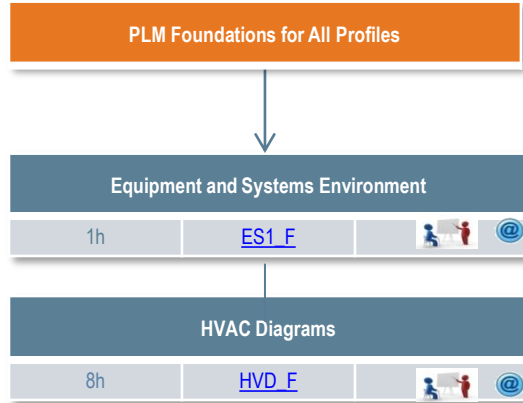
Piping / Standards, Catalog and Specification Manager - 2/2

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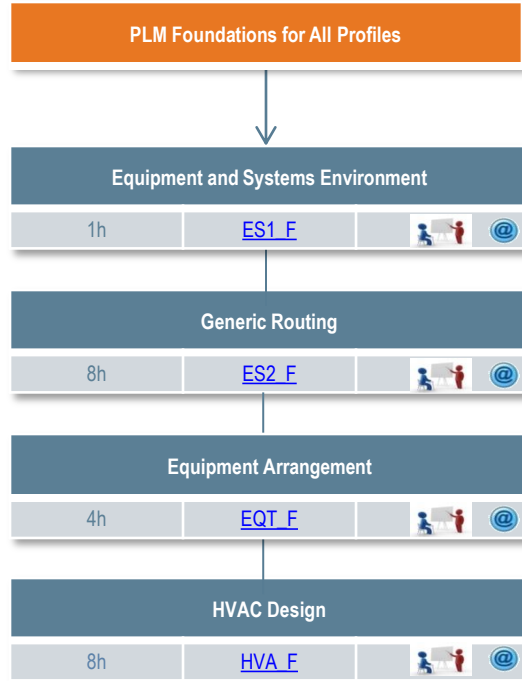
CATIA V5

Heating Ventilating Air-Conditioning / System Engineer



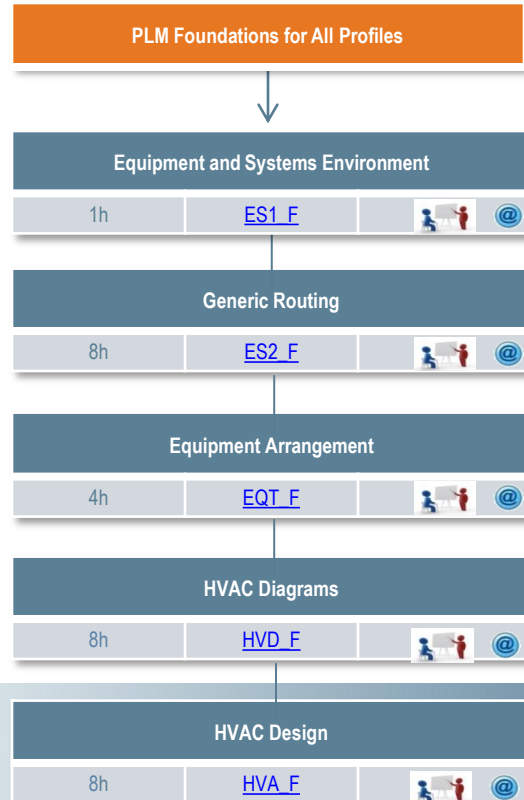
CATIA V5

Heating Ventilating Air-Conditioning / HVAC Designer



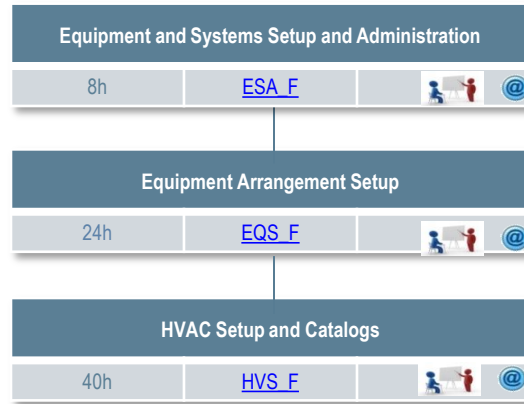
CATIA V5

Heating Ventilating Air-Conditioning / Standards, Catalog and Specification Administrator - 1/2



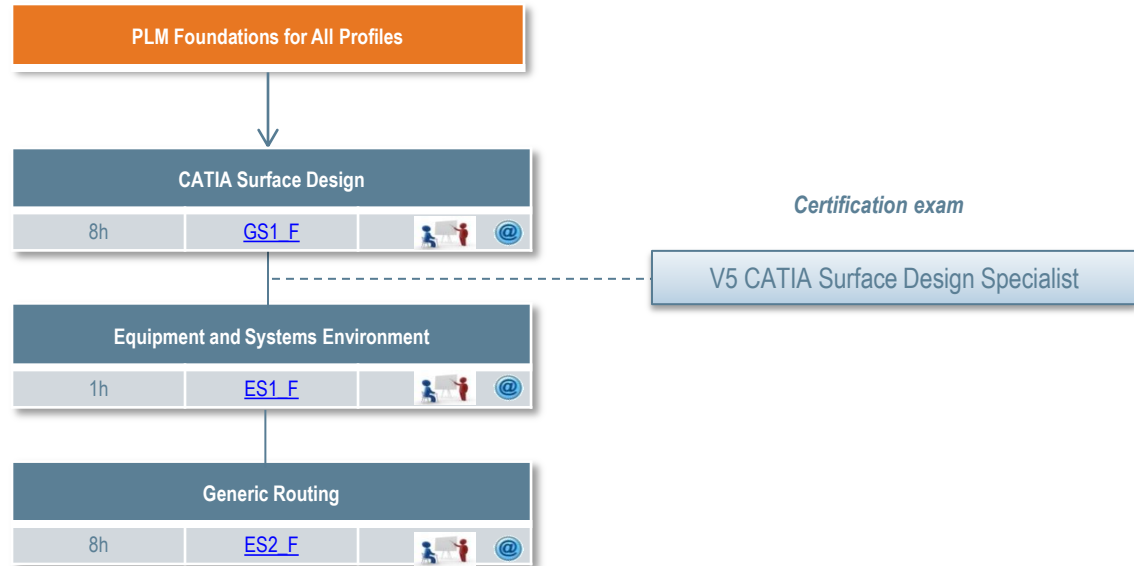
CATIA V5

Heating Ventilating Air-Conditioning / Standards, Catalog and Specification Administrator - 2/2 ... continued



CATIA V5

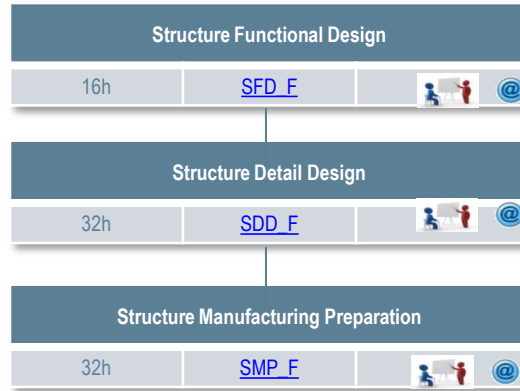
Shipbuilding Hull Structure / Functional Designer - 1/2



CATIA V5

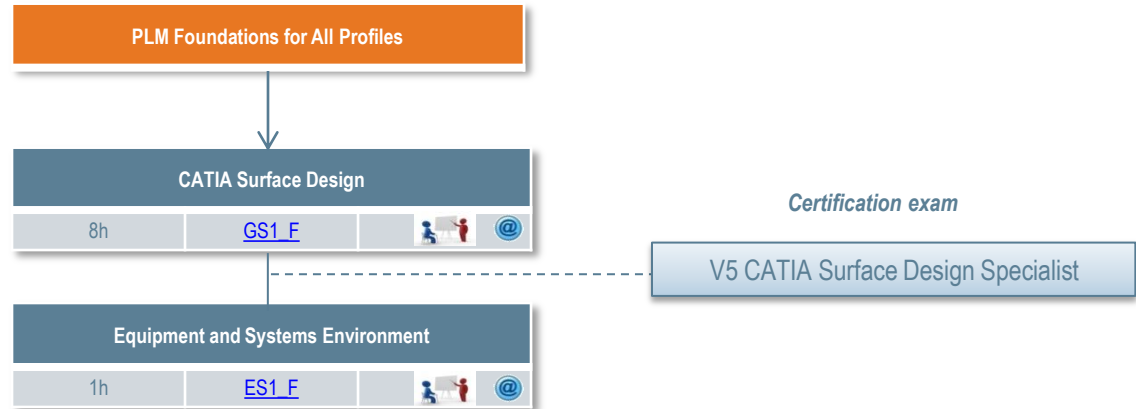
Shipbuilding Hull Structure / Functional Designer - 2/2

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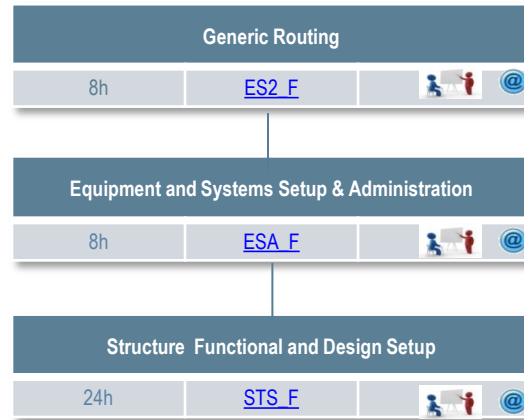
CATIA V5

Shipbuilding Hull Structure / Standards, Catalog and Specification Administrator -1/2



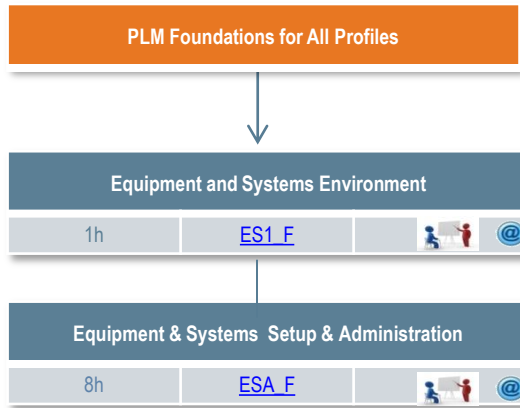
CATIA V5

Shipbuilding Hull Structure / Standards, Catalog and Specification Administrator - 2/2 ... continued



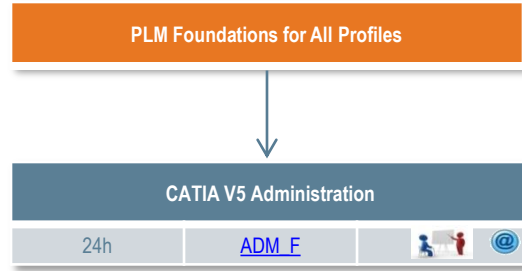
CATIA V5

Compartment and Access / Designer, Standards, Catalog and Specifications Manager



CATIA V5

IT/System Administrator / IT System Engineer



CATIA V5

CATIA V5 to V6 Transition / Mechanical Designer

