



Part of Keysight



KEYSIGHT



ESI Group

eLearning Course Catalog 2025

**Innovators
▶ start here**

Contents

| | |
|--|----|
| Welcome to eLearning Course Catalog | 2 |
| Accelerated Hybrid Learning Approach for Maximum, Scalable Results | 3 |
| Our Services & Training | 4 |
| eLearning Platform Sneak Peek | 5 |
| The eLearning Experience | 6 |
| Our Annual Subscription Plans | 7 |
| Product Performance | 9 |
| VPS Explicit Learning Path | 9 |
| VPS Implicit Learning Path | 10 |
| VPS Course Details | 11 |
| VA One Learning Path | 13 |
| VA One Courses | 14 |
| SimulationX Learning Path | 15 |
| SimulationX Courses | 16 |
| Smart Manufacturing | 18 |
| STAMPING Learning Path | 18 |
| STAMPING Courses | 19 |
| COMPOSITES Learning Path | 20 |
| COMPOSITES Courses | 21 |
| SYSWELD Learning Path | 22 |
| SYSWELD Courses | 23 |
| CASTING Learning Path | 24 |
| CASTING Courses | 25 |
| Human Centric | 26 |
| IC.IDO Learning Path | 26 |
| IC.IDO Courses | 27 |
| Automation | 28 |
| Automation Learning Path | 28 |
| AUTOMATION Courses | 29 |
| Other Resources | 30 |

Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

Welcome to eLearning Course Catalog

Welcome to the Course Catalog for the ESI eLearning Platform

We are excited to introduce you to our exclusive eLearning Portal, now available to all of our current (and future!) customers!

What you'll find:



Interactive Courses: Engage with videos, activities and more, to help keep you engaged and interested in the learning journey.



Hands-On Practice: Apply what you've learned with exercises and assessments during the course



Expert Guidance: All of our courses were curated and created by our ESI Experts. Our courses and the topics they follow are the same as with our standard in-person trainings!

Standardized Training - Globally

No matter where you are, you have access to the same expertise.

Based on our current comprehensive Standard Trainings

Our eLearning platform is based on our Standard Training Catalog.

If in doubt about whether a training is a good fit for you or not, refer to the standard training catalog for additional course information.



Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

Accelerated Hybrid Learning Approach for Maximum, Scalable Results

At ESI Group, we understand that **every team is unique**, and so are their learning preferences and challenges.

This is why we offer a **Blended Learning Approach** – a flexible combination of eLearning & instructor-led training, designed to meet your specific needs.

Our approach ensures:

- **Faster Onboarding:** Equip your teams with the skills they need to hit the ground running.
- **Accelerated Time to Value:** Enable quicker adoption and effective application of our solutions, maximizing your return on investment.
- **Customized Learning Paths:** Tailored programs that adapt to your team's schedule, learning styles, and project timelines.
- **Scalable:** Seamlessly grow and train teams of any size, across locations, without compromising quality or consistency.



Standard Customer Training – With an experienced instructor, online or in-person, dedicated to your organization. This catalog contains our comprehensive collection of courses available.



Standard Classroom Training – Open to numerous companies, held virtually with one of our instructors. View the schedule for 2025

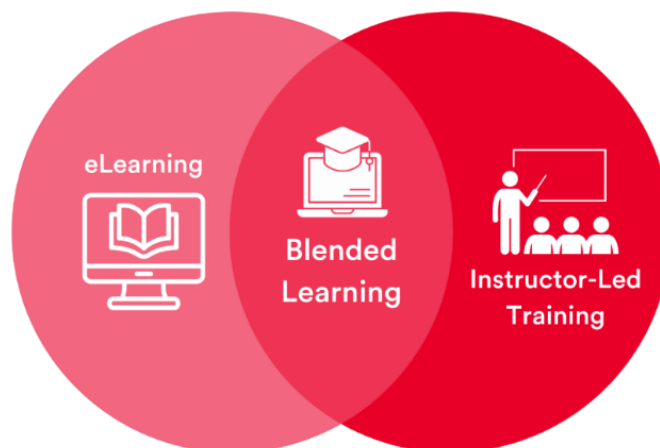


Custom Training – Training that is fully customizable and suited to your specific use cases



eLearning – Self-paced eLearning, available 24/7, giving you access to our expertise at a global, scalable, and more affordable setting

Whether your goal is to **train new hires, upskill your workforce, or prepare for a critical project launch**, our blended learning solutions deliver flexibility, scalability, and measurable results.



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Return to [Top](#)

Our Services & Training

Training forms part of our services offered at ESI, included in the Onboarding and Adoption services packages.

Whether in the context of onboarding, adoption technologies or other expected outcomes, Process have been packaged to provide a structured and efficient way to meet the diverse needs of clients while offering them flexibility and cost-effectiveness.

Some services we offer include:



Onboarding Services: Dedicated to helping you effectively start to use ESI tools



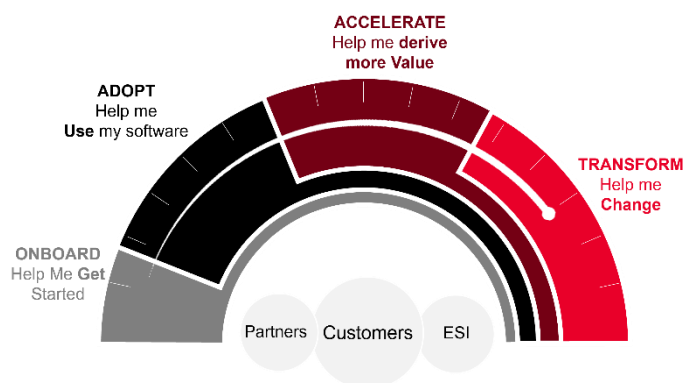
Adoption Services: Aimed at improving efficiency, productivity, or other specific objectives related to the use of technology.



Acceleration Services: Support you in your process of broadening functional scope, extending usage to new use cases, or large-scale adoption.



Transformation Services: This refers to the full range of our consulting activities to help your organization adopt, implement, and optimize our solutions as part of its process to modernize operations, improve efficiency, and fully exploit the benefits of our digital technologies.



Learn more about our service packages here:



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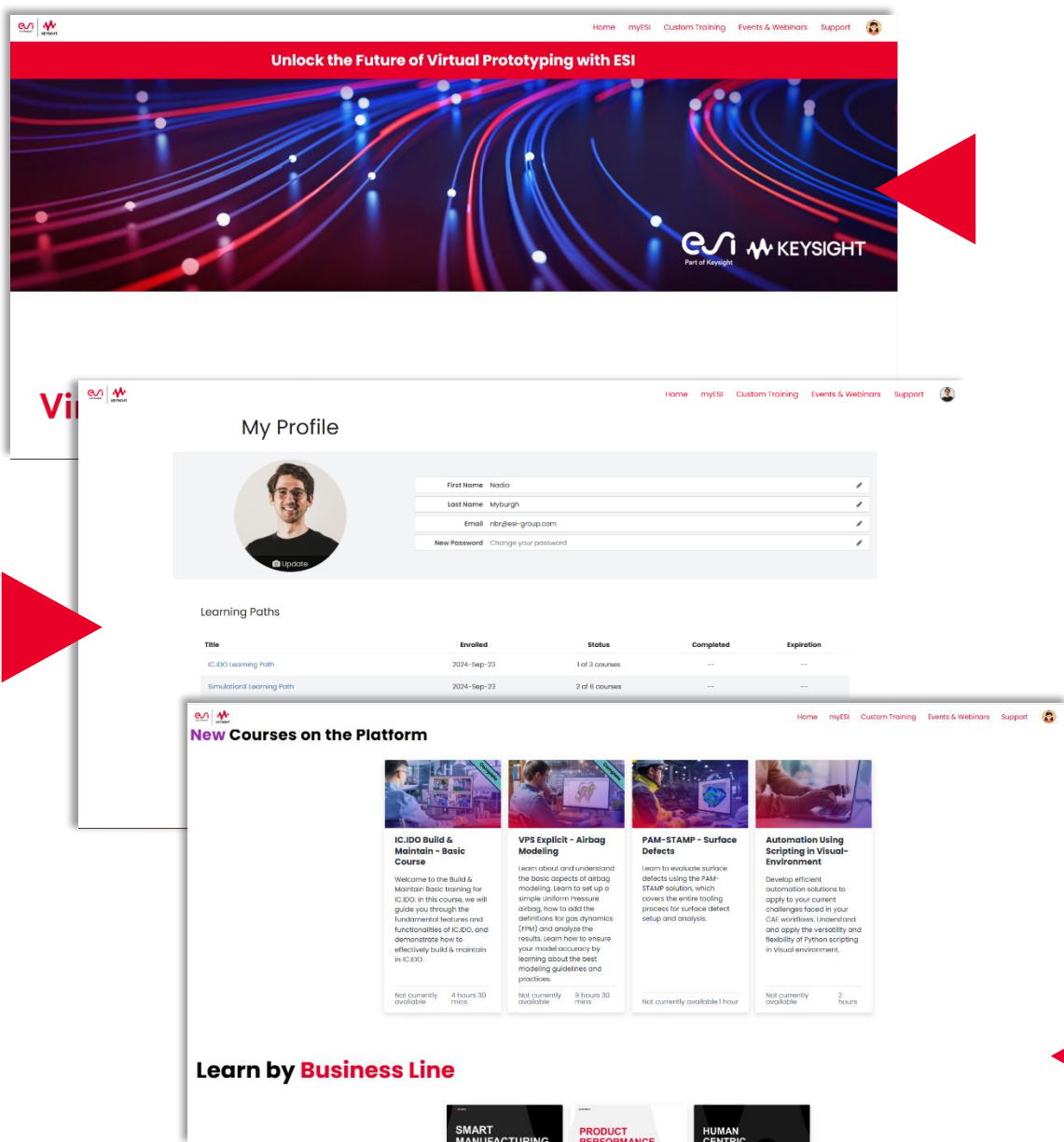
Return to [Top](#)

eLearning Platform Sneak Peek

Our platform is ergonomically designed with user experience and efficiency in mind, offering all the tools and features needed to ensure a seamless and successful eLearning journey.

On the eLearning platform, you can:

- track **all course progress** from your profile,
- **share certificates directly to LinkedIn** from your profile,
- see **new courses on the platform** as they become available,
- **sort and learn through topics** or business lines that interest you,
- and **much more!**



The screenshot displays the ESI eLearning platform interface. The top banner features the text "Unlock the Future of Virtual Prototyping with ESI" and the ESI KEY SIGHT logo. Below this, the "My Profile" section shows a user's profile picture and details: First Name (Nadia), Last Name (Myburgh), Email (nrx@esi-group.com), and a New Password field. The "Learning Paths" section lists two paths: "IC-DO Learning Path" and "Simulation Learning Path", both with enrollment dates of 2024-Sep-23. The "New Courses on the Platform" section highlights four courses: "IC-DO Build & Maintain - Basic Course", "VPS Explicit - Airbag Modeling", "PAM-STAMP - Surface Defects", and "Automation Using Scripting in Visual-Environment". Each course includes a brief description and a duration. The bottom section, "Learn by Business Line", features three categories: "SMART MANUFACTURING", "PRODUCT PERFORMANCE", and "HUMAN CENTRIC".

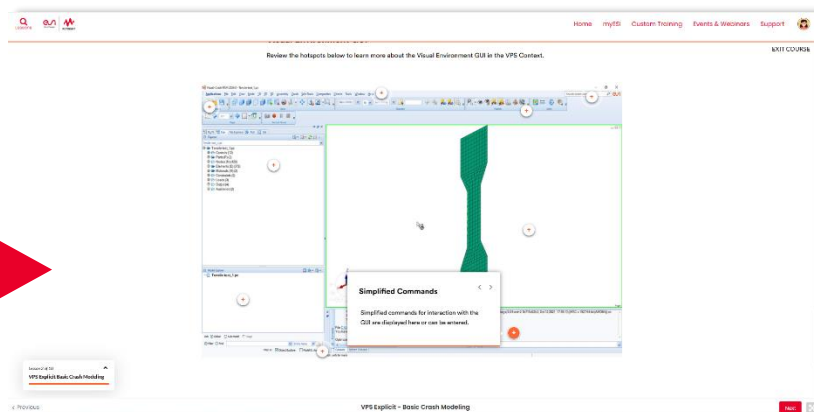
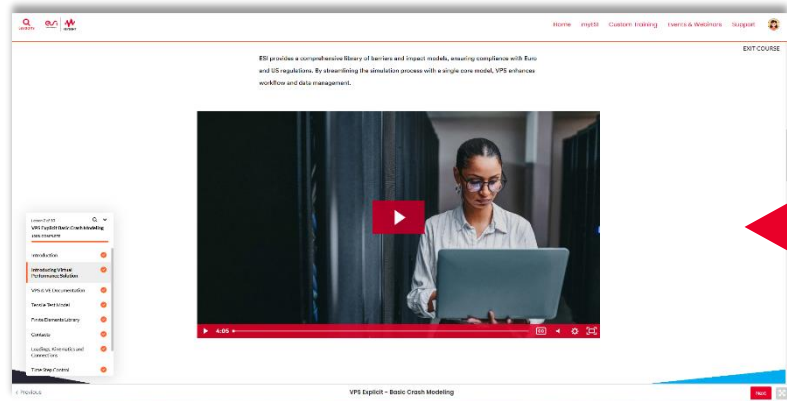
Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

The eLearning Experience

Along with tracking your overall progress in your profile, you can start exactly where you left the course, should you need to take a break from the platform.

Search for topics or key words used throughout and easily jump between different lessons and sections of the course.

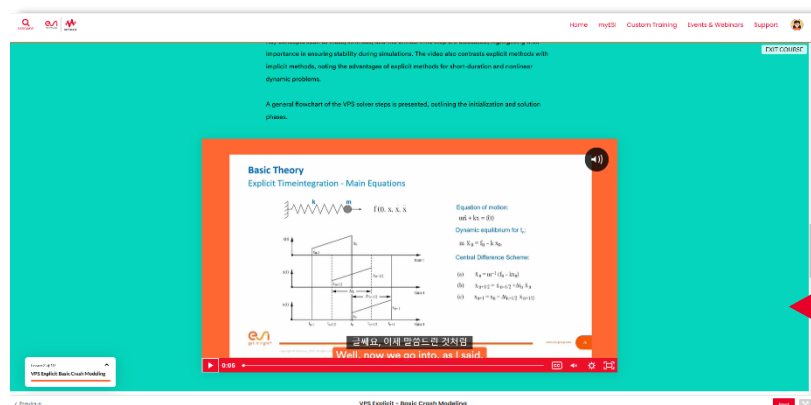


Find engaging and interactive ways to learn about key features of the software.

With a range of unique interactive activities, developed with our experts throughout the course, you'll be using the software in no time at all.

And, to make sure we don't leave anyone behind, captions have been translated into 7 languages: Chinese, Korean, Portuguese, Japanese, Spanish, French and German.*

**available for certain courses only*



Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

Our Annual Subscription Plans

We offer multiple annual subscription types to ensure you find something that truly fits into your schedule. *Currency conversion rates may apply. Billed yearly.*

Our Pricing Plans

| | INDIVIDUAL 1 Course Only Contact Sales €400 per course/year | Product Bundle 3 Courses €1,200 €1,100 per user/year | Product Bundle ENTERPRISE Contact Sales €CUSTOM Billed annually | Product Bundle Add-On €400 €350 Add Course |
|---|--|--|--|--|
| Training License | ✓ | ✓ | ✓ | <ul style="list-style-type: none"> When 3 eLearning courses are not enough, you can use this Add-on option to add an additional course One Product Bundle is necessary as a base for this formula. Training license included Earn a digital certificate for each additional course successfully passed and completed |
| eLearning Portal Access | ✓ | ✓ | ✓ | |
| 3 eLearning courses | ✗ | ✓ | ✓ | |
| Profile & Course Progress Tracking | ✓ | ✓ | ✓ | |
| Digital Certificate upon passing Assessment | ✓ | ✓ | ✓ | |
| Multiple Users | ✗ | ✗ | ✓ | |

Boost Learning With Add-On Options

| | Product Bundle 3 Courses €1,200 €1,100 per user/year | Product Bundle Add-on €400 €350 add-on course | |
|------------------------------------|--|---|--|
| Training License | ✓ | ✓ | <div>Product Bundle Upgrade</div> <div>€1,600</div> <div>€1,450</div> <div>Per User/Year</div> |
| eLearning Portal Access | ✓ | ✓ | |
| Assessment & Digital Certification | ✓ | ✓ | |
| Profile & Course Progress Tracking | ✓ | ✓ | |
| Multiple Users | ✗ | ✗ | |
| Additional 4th Course | ✗ | ✓ | |

Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

Introducing Enterprise Packages - Scalable Solutions for Larger Teams

Our Enterprise Product Bundle Packages are designed to support multiple users with flexible, scalable pricing. Training licenses are also included.

Reach out to us for more information.

Enterprise Packages

Reach out for more information

| 5 Users | 10 Users | 15 Users | 20 Users |
|--------------------|--------------------|--------------------|--------------------|
| €60,000 | €12,000 | €18,000 | €24,000 |
| €5,250 | €10,200 | €14,850 | €19,200 |
| per year | per year | per year | per year |

| | 5 Users | 10 Users | 15 Users | 20 Users |
|---|---------|----------|----------|----------|
| 1 Product Bundle per user = 3 eLearning Courses | ✓ | ✓ | ✓ | ✓ |
| eLearning Portal Access | ✓ | ✓ | ✓ | ✓ |
| Assessment & Digital Certification | ✓ | ✓ | ✓ | ✓ |
| Possibility to add extra course per user | ✓ | ✓ | ✓ | ✓ |
| Multiple Users | ✓ | ✓ | ✓ | ✓ |

Enterprise50 & Product Bundle Add-on

Reach out for more information

| 50 Users | Enterprise Add-on |
|--------------------|--------------------|
| €60,000 | €20,000 |
| €46,500 | €15,000 |
| per year | /extra course |

| | 50 Users | Enterprise Add-on |
|---|----------|-------------------|
| 1 Product Bundle per user = 3 eLearning Courses | ✓ | ✓ |
| eLearning Portal Access | ✓ | ✓ |
| Assessment & Digital Certification | ✓ | ✓ |
| Possibility to add extra course per user | ✓ | ✓ |
| Multiple Users | ✓ | ✓ |
| Additional 4th Course | ✗ | ✓ |

Enterprise Product Bundle Upgrade

$$\begin{aligned}
 &\text{€80,000} \\
 &= \text{€61,500}
 \end{aligned}$$

50 Users + Add-on Course / Year

Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

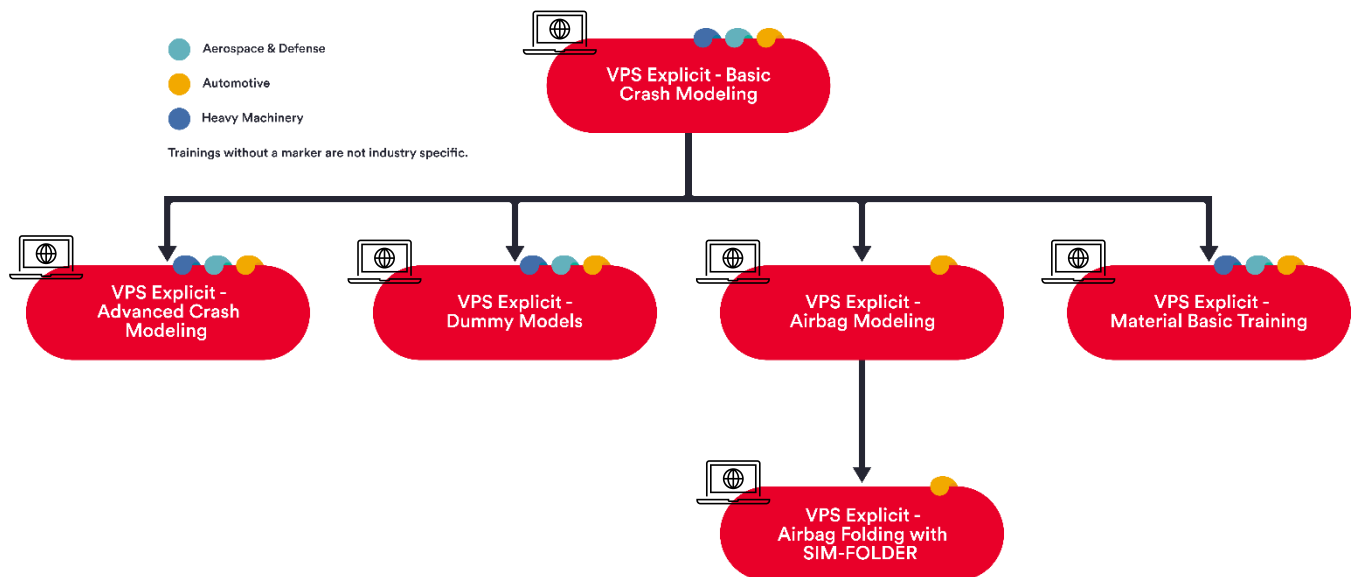
Product Performance

VPS Explicit Learning Path



When this icon is present, the course is available on our eLearning platform, as well as for instructor-led training.

If there is no icon present, it can be taken as a Standard Training with an Instructor.



Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

VPS Implicit Learning Path

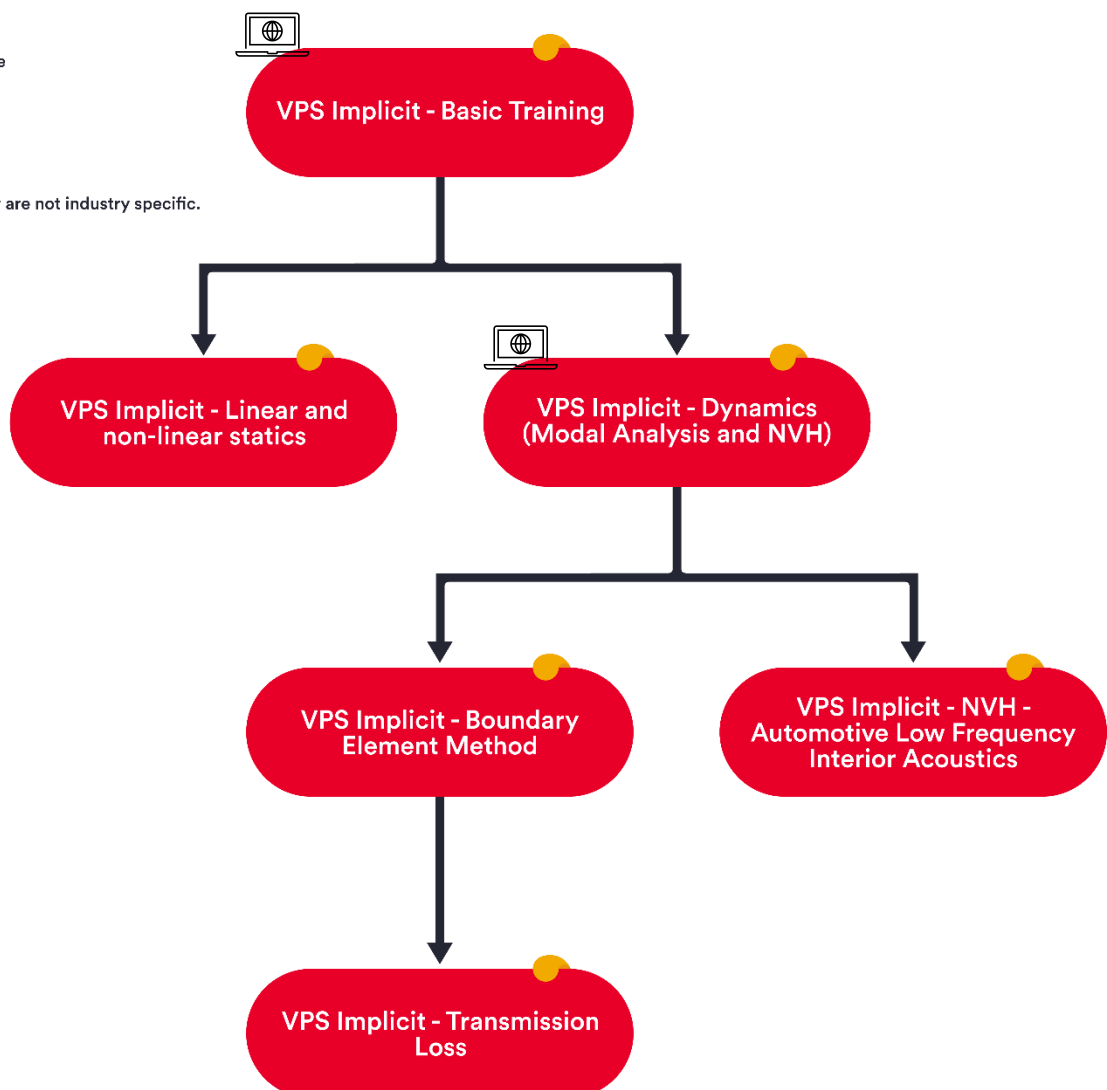


When this icon is present, the course is available on our eLearning platform, as well as for instructor-led training.

If there is no icon present, it can be taken as a Standard Training with an Instructor.

-  Aerospace & Defense
-  Automotive
-  Heavy Machinery

Trainings without a marker are not industry specific.








Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

VPS Course Details

For more information about the objectives and topics covered in each course, read our [training catalog here](#).

| Name | Level | Course Duration (Hours) | Prerequisite Course | Translated Video Captions |
|---|----------|-------------------------|---|---|
| VPS Explicit Basic Crash Modelling | Basic | 11 | None |  |
| VPS Explicit Advanced Crash Modelling | Advanced | 9.5 | VPS Explicit Basic Crash Modelling | - |
| VPS Explicit Airbag Modelling | Advanced | 9.5 | VPS Explicit Basic Crash Modelling | - |
| VPS Explicit Material Modeling | Advanced | 8 | VPS Explicit Basic Crash Modelling | - |
| VPS Explicit Dummy Modelling | Advanced | 5 | VPS Explicit Basic Crash Modelling |  |
| VPS Explicit Airbag folding with SIM-folder | Advanced | 6.5 | VPS Explicit - Basic Crash Modeling Training & VPS Explicit - Airbag Modeling Training. |  |
| VPS Implicit Basic Training | Basic | 5 | None |  |
| VPS Implicit Dynamics Training | Advanced | 4.5 | VPS Implicit Basic Training |  |

The **listed course durations are based on video content only** and are designed to provide a structured foundation for your learning journey.

To maximize the value of each course, we highly recommend allowing additional time for:

- **Hands-On Practice** – Apply what you’ve learned through guided exercises.

Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

- **Experimentation and Simulations** – Reinforce concepts by exploring real-world scenarios at your own pace.
- **Self-Reflection and Review** – Deepen understanding and retention through independent study.

This flexible approach ensures you can progress at a pace that suits your needs while building the skills required for practical application and long-term success.

VA One Learning Path

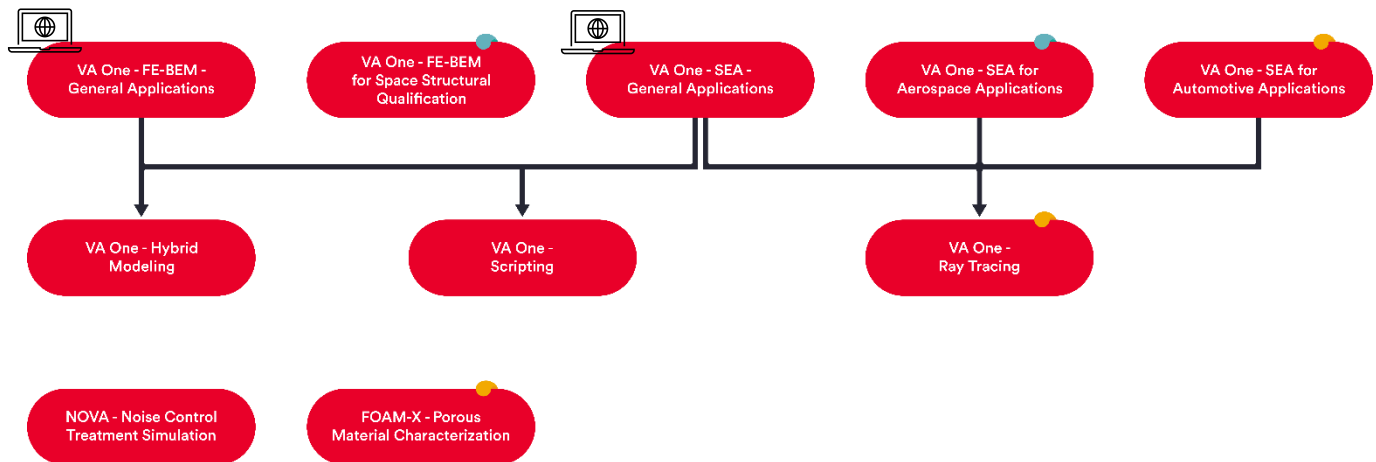


When this icon is present, the course is available on our eLearning platform, as well as for instructor-led training.

If there is no icon present, it can be taken as a Standard Training with an Instructor.

- Aerospace & Defense
- Automotive
- Heavy Machinery

Trainings without a marker are not industry specific.



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Return to [Top](#)

VA One Courses

For more information about the objectives and topics covered in each course, read our [training catalog here](#).

| Name | Level | Course Duration (Hours) | Prerequisite Course | Translated Video Captions |
|-------------------------------------|-------------|-------------------------|---------------------|---|
| VA One FEM/BEM General Applications | Basic | 7 | None | - |
| VA One SEA General Applications | Basic | 7 | None |  |
| VA One FEM/BEM Space Structural | COMING SOON | COMING SOON | COMING SOON | COMING SOON |
| VA One SEA Aerospace | COMING SOON | COMING SOON | COMING SOON | COMING SOON |
| VA One SEA Automotive Applications | Advanced | COMING SOON | COMING SOON | COMING SOON |

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- **Hands-On Practice** – Apply what you’ve learned through guided exercises.
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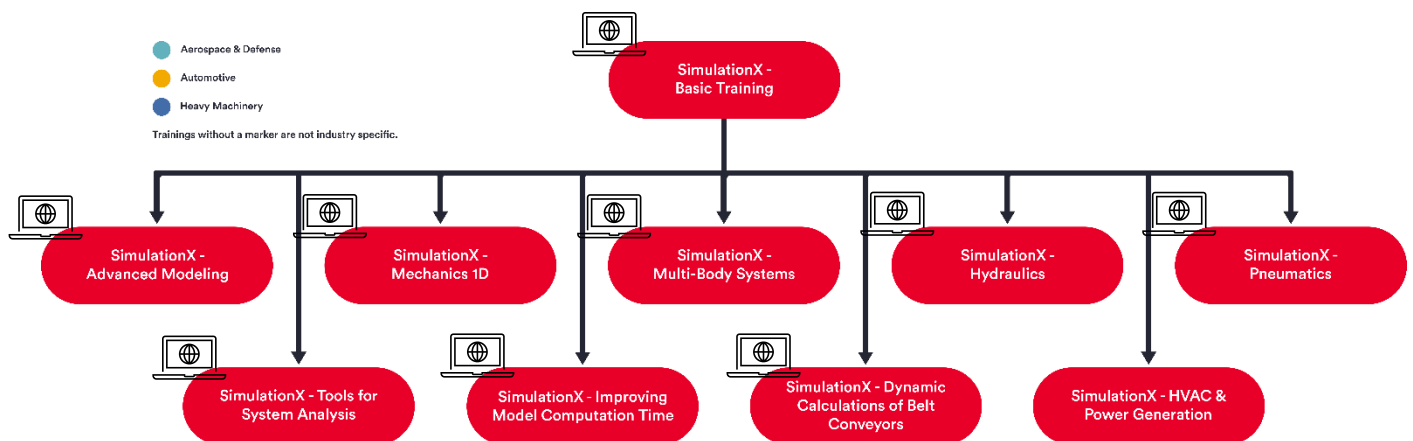
Return to [Top](#)

SimulationX Learning Path



When this icon is present, the course is available on our eLearning platform, as well as for instructor-led training.

If there is no icon present, it can be taken as a Standard Training with an Instructor.



Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

SimulationX Courses

For more information about the objectives and topics covered in each course, read our [training catalog here](#).

| Name | Level | Course Duration (Hours) | Prerequisite Course | Translated Video Captions |
|--|----------|-------------------------|----------------------------|---|
| SimulationX Basic Training | Basic | 5 | None |  |
| SimulationX Advanced Modelling | Advanced | 6.5 | SimulationX Basic Training |  |
| SimulationX Mechanics 1D | Advanced | 5 | SimulationX Basic Training | - |
| SimulationX Multi-Body Systems | Advanced | 5.5 | SimulationX Basic Training |  |
| SimulationX Hydraulics | Advanced | 3.5 | SimulationX Basic Training | - |
| SimulationX Pneumatics | Advanced | 5.5 | SimulationX Basic Training |  |
| SimulationX Tools for System Analysis | Advanced | 4 | SimulationX Basic Training |  |
| SimulationX Improving Model Computation Time | Advanced | 4.5 | SimulationX Basic Training |  |
| SimulationX Dynamic Calculations of Belt Conveyors | Advanced | 7.5 | SimulationX Basic Training |  |

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Return to [Top](#)

- **Hands-On Practice** – Apply what you’ve learned through guided exercises.
- **Experimentation and Simulations** – Reinforce concepts by exploring real-world scenarios at your own pace.
- **Self-Reflection and Review** – Deepen understanding and retention through independent study.

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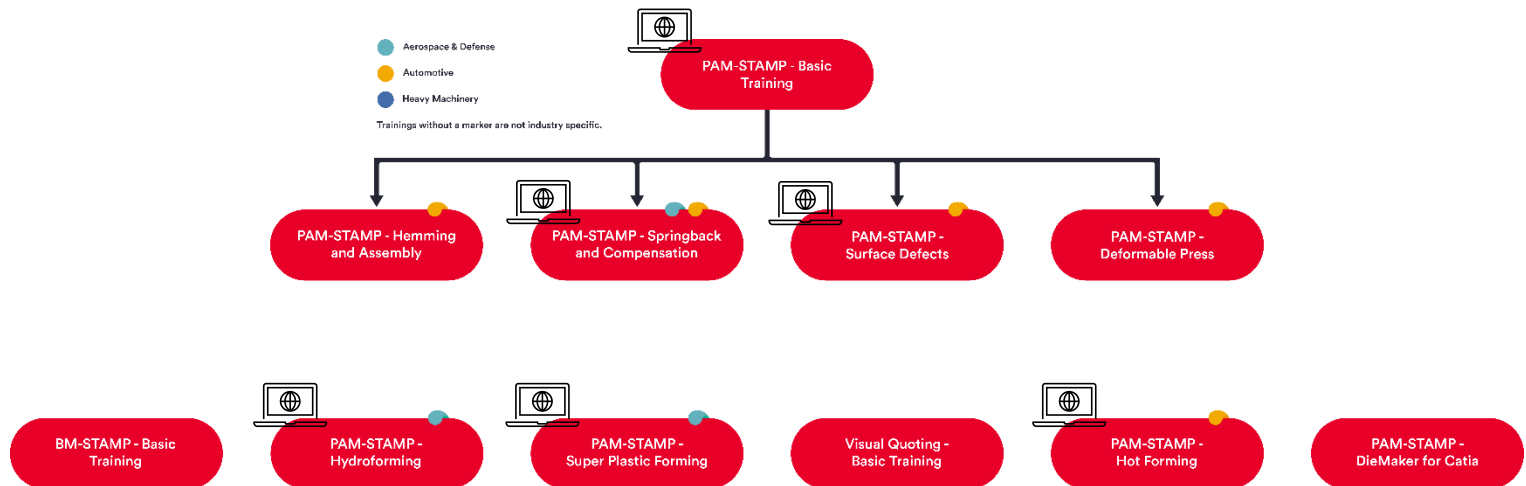
Smart Manufacturing

STAMPING Learning Path



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Return to [Top](#)

STAMPING Courses

For more information about the objectives and topics covered in each course, read our [training catalog here](#).

| Name | Level | Course Duration (Hours) | Prerequisite Course | Translated Video Captions |
|-------------------------------------|----------|-------------------------|--------------------------|---|
| PAM-STAMP Basic Training | Basic | 5 | None |  |
| PAM-STAMP Hot Forming | Advanced | 2.5 | PAM-STAMP Basic Training | - |
| PAM-STAMP Super Plastic Forming | Advanced | 3 | PAM-STAMP Basic Training | - |
| PAM-STAMP Hydroforming | Advanced | 3 | PAM-STAMP Basic Training |  |
| PAM-STAMP Springback & Compensation | Advanced | 2 | PAM-STAMP Basic Training |  |
| PAM-STAMP Surface Defects | Advanced | 2 | PAM-STAMP Basic Training | - |
| BMS Basic Training | Basic | COMING SOON | COMING SOON | COMING SOON |

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Return to [Top](#)

COMPOSITES Learning Path



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If there is no icon present, it can be taken as a Standard Training with an Instructor.

 Aerospace & Defense

 Automotive

 Heavy Machinery

 Energy

Trainings without a marker are not industry specific.




PAM-FORM - Composites
Basic Training




PAM-RTM - Basic
Training




PAM-DISTORTION -
Basic Training




PAM-FORM - Plastics
and Trims Basic Training

PAM-RTM Iso-Thermal
Filling Training







PAM SMC Basic Training

Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

COMPOSITES Courses

For more information about the objectives and topics covered in each course, read our [training catalog here](#).

| Name | Level | Course Duration (Hours) | Prerequisite Course | Translated Video Captions |
|--|-------|-------------------------|---------------------|---|
| PAM-FORM Composites Basic Training | Basic | 8 | None |  |
| PAM-SMC Basic Training | Basic | 4.5 | None | - |
| PAM-RTM Basic Training | Basic | 4 | None |  |
| PAM-DISTORTION Basic Training | Basic | 3.5 | None |  |
| PAM-FORM Plastics & Trims Basic Training | Basic | 8 | None |  |

The **listed course durations are based on video content only** and are designed to provide a structured foundation for your learning journey.

To maximize the value of each course, we highly recommend allowing additional time for:

- **Hands-On Practice** – Apply what you’ve learned through guided exercises.
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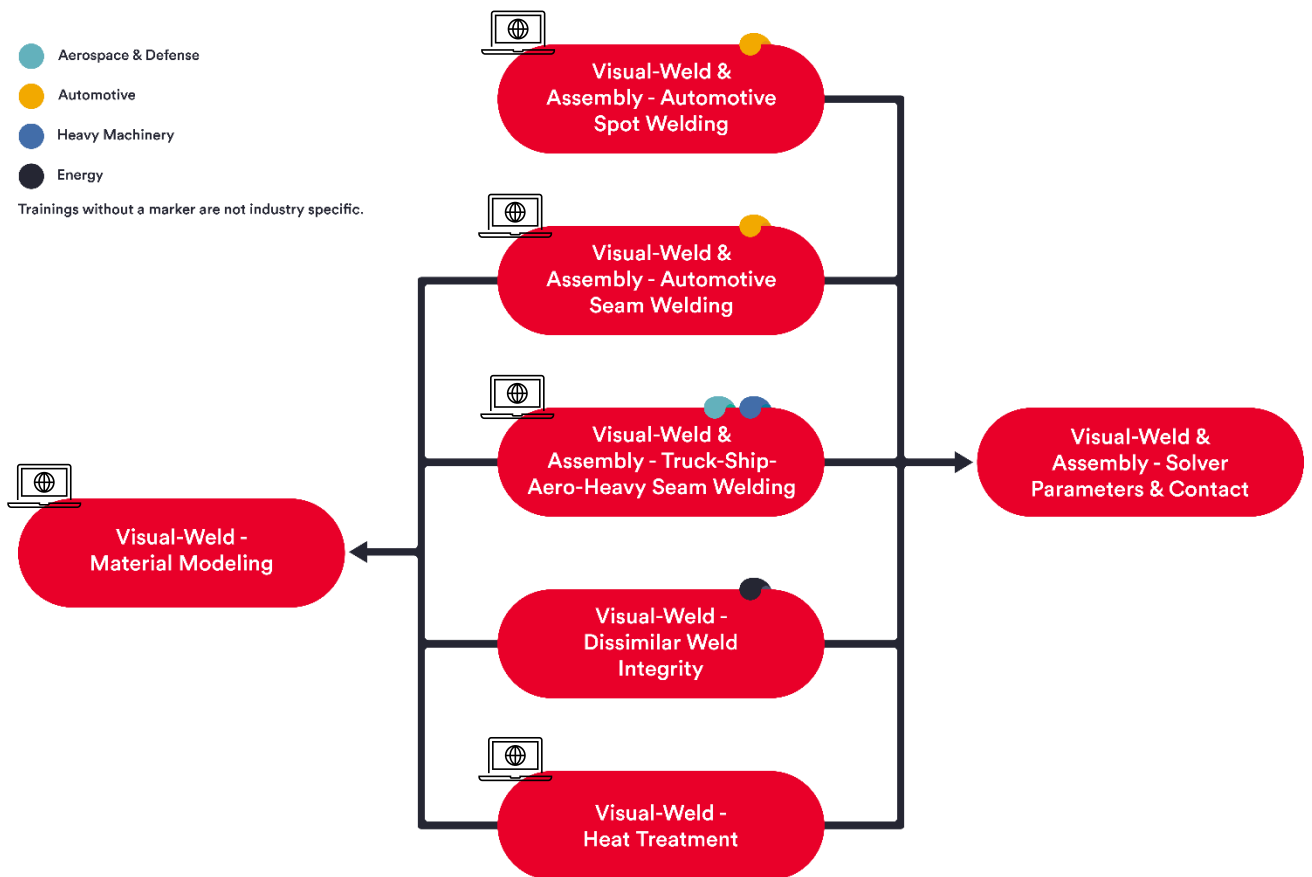
Return to [Top](#)

SYSWELD Learning Path



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Return to [Top](#)

SYSWELD Courses

For more information about the objectives and topics covered in each course, read our [training catalog here](#).

| Name | Level | Course Duration (Hours) | Prerequisite Course | Translated Video Captions |
|---|-------------|-------------------------|---------------------|---|
| Visual-Weld & Assembly - Automotive Spot Welding | Basic | 10.5 | None |  |
| Visual-Weld & Assembly - Automotive Seam Welding | Basic | 3.5 | None |  |
| Visual-Weld & Assembly - Truck/Ship/Aero/Heavy Seam Welding | Basic | 8 | None | |
| Visual-Weld - Heat Treatment | Basic | 4 | None |  |
| Visual-Weld - Material Modeling | Basic | 4 | None |  |
| Visual-Weld & Assembly – Solver Parameters & Contacts | COMING SOON | COMING SOON | COMING SOON | COMING SOON |
| Visual-Weld – Dissimilar Weld Integrity | COMING SOON | COMING SOON | COMING SOON | COMING SOON |

The **listed course durations are based on video content only** and are designed to provide a structured foundation for your learning journey.

To maximize the value of each course, we highly recommend allowing additional time for:

- **Hands-On Practice** – Apply what you’ve learned through guided exercises.
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Return to [Top](#)

CASTING Learning Path



When this icon is present, the course is available on our eLearning platform, as well as for instructor-led training.

If there is no icon present, it can be taken as a Standard Training with an Instructor.

-  Aerospace & Defense
-  Automotive
-  Heavy Machinery

Trainings without a marker are not industry specific.



ProCAST -
Investment Casting



ProCAST -
Die Casting



ProCAST -
Sand Casting



QuikCAST -
Die Casting








QuikCAST -
Sand Casting

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Return to [Top](#)

CASTING Courses

For more information about the objectives and topics covered in each course, read our [training catalog here](#).

| Name | Level | Course Duration (Hours) | Prerequisite Course | Translated Video Captions |
|----------------------------|-------|-------------------------|---------------------|---|
| ProCAST Investment Casting | Basic | 11.5 | None |  |
| ProCAST Sand Casting | Basic | 3 | None |  |
| ProCAST Die Casting | Basic | 3 | None |  |
| QuickCAST Sand Casting | Basic | 4 | None |  |
| QuickCAST Die Casting | Basic | 4 | None |  |

The **listed course durations are based on video content only** and are designed to provide a structured foundation for your learning journey.

To maximize the value of each course, we highly recommend allowing additional time for:

- **Hands-On Practice** – Apply what you’ve learned through guided exercises.
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Return to [Top](#)

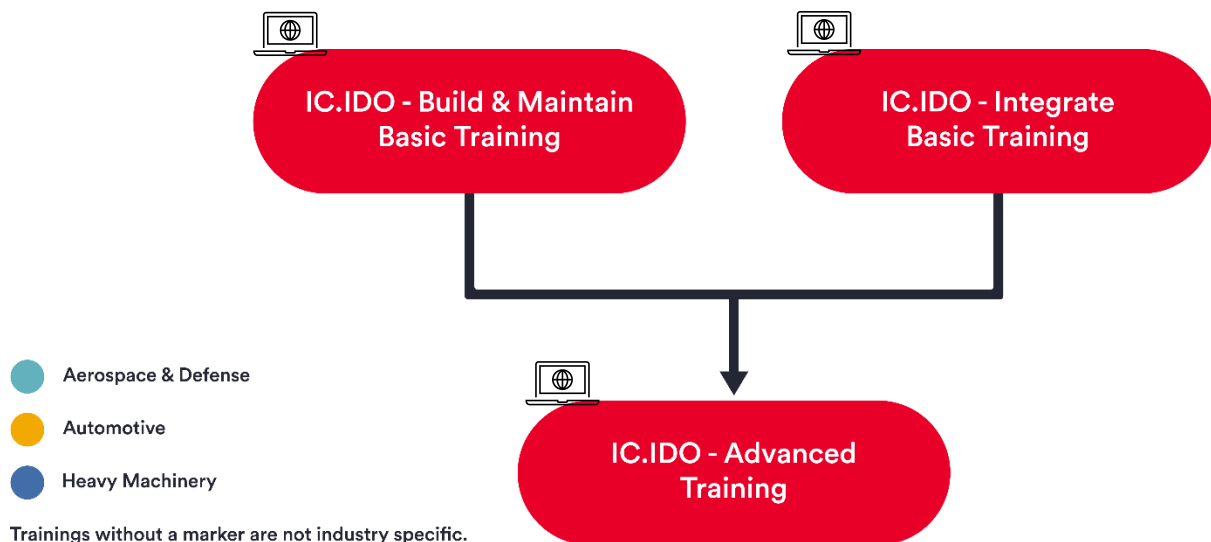
Human Centric

IC.IDO Learning Path



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Return to [Top](#)

IC.IDO Courses

For more information about the objectives and topics covered in each course, read our [training catalog here](#).

| Name | Level | Course Duration (Hours) | Prerequisite Course | Translated Video Captions |
|--|----------|-------------------------|--|--|
| IC.IDO Integrate Basic Training | Basic | 4 | None |  |
| IC.IDO Build & Maintain Basic Training | Basic | 4.5 | None |  |
| IC.IDO Advanced Training | Advanced | 3 | IC.IDO Build & Maintain Basic Training |  |

The **listed course durations are based on video content only** and are designed to provide a structured foundation for your learning journey.

To maximize the value of each course, we highly recommend allowing additional time for:

- **Hands-On Practice** – Apply what you’ve learned through guided exercises.
- **Experimentation and Simulations** – Reinforce concepts by exploring real-world scenarios at your own pace.
- **Self-Reflection and Review** – Deepen understanding and retention through independent study.

This flexible approach ensures you can progress at a pace that suits your needs while building the skills required for practical application and long-term success.

Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)

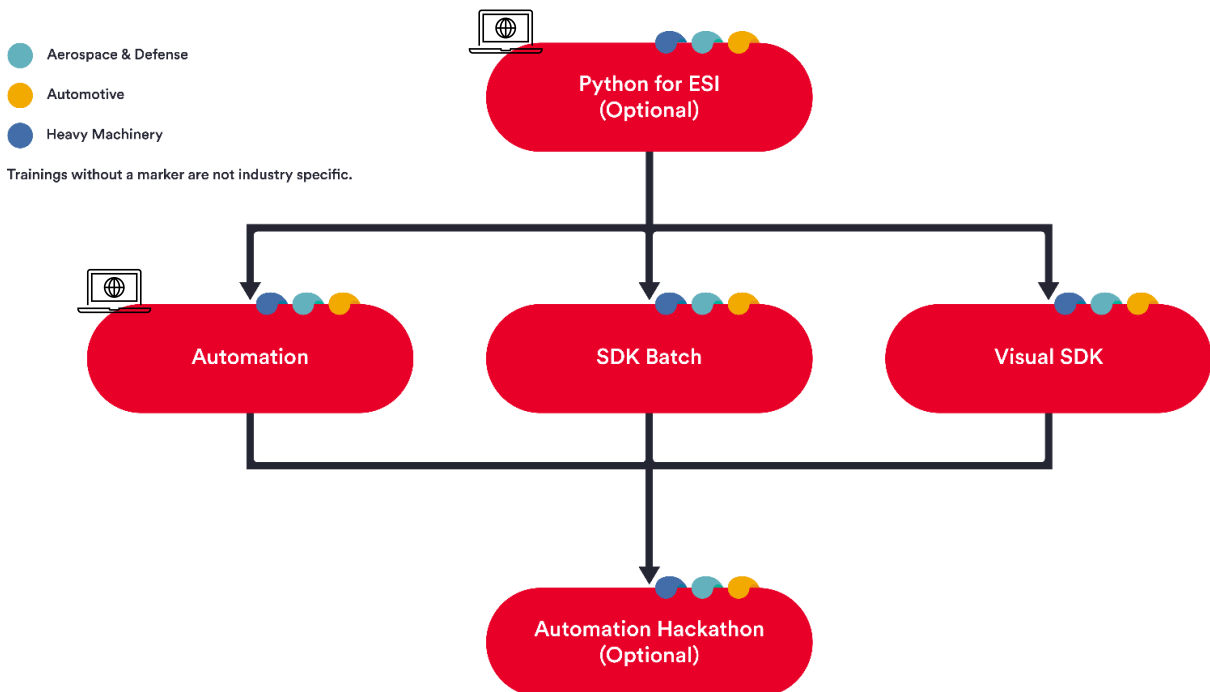
Automation

Automation Learning Path



When this icon is present, the course is available on our eLearning platform, as well as for instructor-led training.

If there is no icon present, it can be taken as a Standard Training with an Instructor.





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Return to [Top](#)

AUTOMATION Courses

For more information about the objectives and topics covered in each course, read our [training catalog here](#)

| Name | Level | Course Duration (Hours) | Prerequisite Course | Translated Video Captions |
|--|-------------|-------------------------|---|---|
| Basics of Python (optional) | Basic | 3 | None |  |
| Automation using Scripting in Visual-Environment | Basic | 2 | None, but Python knowledge is recommended |  |
| Automation using SDK Batch | COMING SOON | COMING SOON | COMING SOON | COMING SOON |
| Automation using Visual-SDK | COMING SOON | COMING SOON | COMING SOON | COMING SOON |

The **listed course durations are based on video content only** and are designed to provide a structured foundation for your learning journey.

To maximize the value of each course, we highly recommend allowing additional time for:

- **Hands-On Practice** – Apply what you’ve learned through guided exercises.
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Return to [Top](#)

Other Resources

Thank you for taking the time to consider training from ESI; we trust you found this catalog useful. We want to ensure you're also aware of these other resources available to you:



myesi.esi-group.com: This is your customer portal provided by ESI Group, where you can access exclusive resources, product updates, support, and even interact with other users for community support and information sharing.



www.esi-group.com: This is the official website of ESI Group where you'll find comprehensive information about the company, its services, and products. It is a central hub for news, event information, and updates about the company.



ESI social media platforms: ESI Group's social media accounts on platforms including LinkedIn, Twitter, Facebook, and YouTube provide real-time updates, news, and insights about the company and its offerings.



Events and webinar pages: On these pages, you'll find information about upcoming webinars, online events such as ESI Live, and physical conferences hosted or participated in by ESI Group.



ESI News: This section on ESI Group's website features the latest news and announcements from the company. Watch this space...



The ESI Blog: Our blog is a valuable resource that provides expert insights, thought leadership, and detailed articles on a wide range of topics related to ESI Group's products and services.



The Resource Center: ESI's resource center is the library of resources such as whitepapers, case studies, e-books, and tutorials related to the company's products and services.



Customer Stories: The "Customer Stories" section features real-life experiences of customers using ESI Group's products and solutions. and can be a great source of inspiration and learning for both prospective and existing customers.

Visit <https://myesi.esi-group.com/resources/trainings> to register for instructor-led training courses and select available dates.

Return to [Top](#)