

DOMAIN OF EXCELLENCE LIGHTWEIGHT ENGINEERING



BECOME A LIGHTWEIGHT ENGINEER AND BOOST YOUR CAREER!

Lightweight Engineering provides designers with the expert capabilities to minimize part weight, maximize stiffness, reduce costs and optimize material usage. Lightweight Engineer must move beyond conventional ways of working to think outside the box.

So skill up today! Get the skills you need, validate your expertise in this domain and boost your career opportunities!

The **Lightweight Engineering** domain of excellence currently provides three Learning Experiences:

- **Be an Additive Manufacturing Engineer**
- **Be a Composites Engineer**
- **Be a Lightweight Engineering Leader**

These Learning Experiences in Domains of Excellence offer a breakthrough approach to empowering teams to solve problems and build the workforce of the future.

The learning paths, combining knowledge and know-how, are designed to accelerate the industry digital transformation.

BE AN ADDITIVE MANUFACTURING ENGINEER

This learning experience provides a systematic learn-by-doing approach to key Additive Manufacturing processes. It covers the domain knowledge related to industrial considerations and applications of additive manufacturing (Design and Manufacturing). It also covers the know-how required to perform in your role with the **3DEXPERIENCE®** platform.

Languages: English

Partnership: AddUp

Target audience: all levels/roles in any industry

Method: eLearning

Duration: 12 hours

Credential: Digital Badge



JOIN OUR COMMUNITY

3DEXPERIENCE Edu Professionals Community



- Keep up-to-date on the latest learning content
- Connect with other learners
- Talk with experts
- Discover best practices

HOW TO BUY

Dassault Systèmes Learning Experiences are available through the learning portal:

eduspace.3ds.com

Pricing information:

Sales.Learning-Space@3ds.com

For more information visit us at

edu.3ds.com

Our 3DEXPERIENCE® platform powers our brand applications, serving 11 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE Company, is a catalyst for human progress. We provide business and people with collaborative virtual environments to imagine sustainable innovations. By creating 'virtual experience twins' of the real world with our 3DEXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production.

Dassault Systèmes' 20,000 employees are bringing value to more than 270,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit **www.3ds.com**.

BE A COMPOSITES ENGINEER

This learning path provides a systematic learn-by-doing approach about design concepts for the Composite Designer as well as the impacts of materials in composites. It covers the domain knowledge related to industrial considerations and applications of composite design and composite materials. It also covers the know-how required to model design parts using composite materials.

Languages: English

Partnership: NCC

Target audience: all levels/roles in any industry

Method: eLearning

Duration: 14 hours

Credential: Digital Badge



BE A LIGHTWEIGHT ENGINEERING LEADER

This learning path will teach you how easy creating optimized lightweight products can be. It contains knowledge and know-how of the lightweight engineering strategy that provides industry leaders with the expert capabilities to minimize part weight, maximize stiffness, reduce cost and optimize material usage.

Languages: English

Target audience: all levels/roles in any industry

Method: eLearning

Duration: 3 hours

Credential: Digital Badge



MAIN BENEFITS

- Learn-by-doing and become proficient in your role with the 3DEXPERIENCE platform
- Master key domain knowledge concepts
- Gain key skills in industry best practices at your own pace
- Shorten your training time and learn anywhere, anytime
- Obtain industry recognition through certificates
- Reduce travel time and expenses

