

# 3DEXPERIENCE EDU HANDBOOK

2022 Edition

Start your  
journey now!



## NEVER STOP GROWING

**3DEXPERIENCE®** Edu is the Dassault Systèmes' Education Department – an exciting world available in My**3DEXPERIENCE** to help schoolchildren, students, teachers and professionals level up their lifelong learning and boost their employability and innovation power!

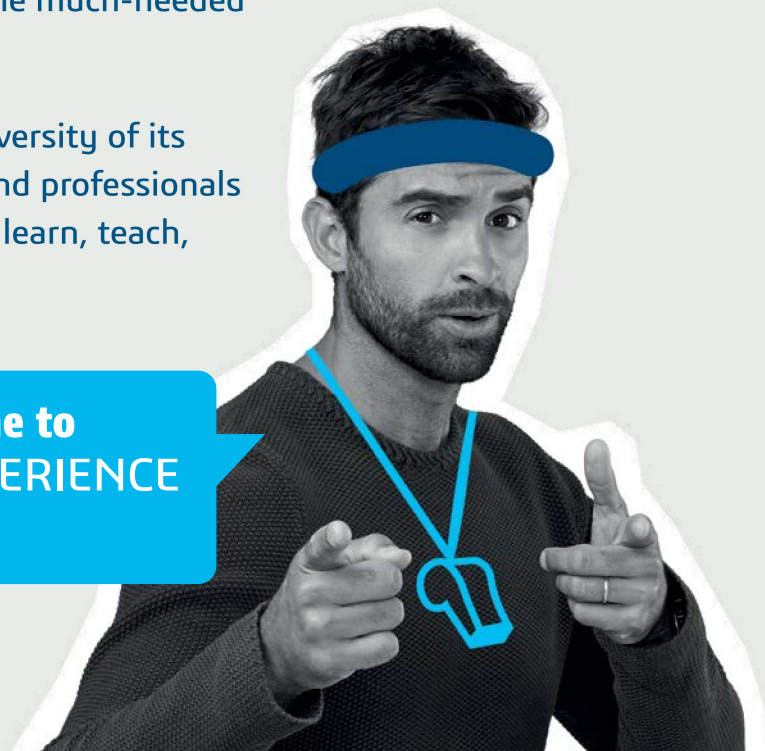
We know that to create a more sustainable world people need to be empowered with the right skills, so we've spent the last several months working on the perfect environment for them.

**3DEXPERIENCE** Edu features unique learning experiences for the brands you love, like SOLIDWORKS, CATIA, SIMULIA, BIOVIA, etc., powered by the **3DEXPERIENCE** platform!

The current global situation has brought challenges to every aspect of our lives, and education is no exception. These are unprecedented times and everyone – from academic institutions to teachers, students, companies and professionals – must adjust and adapt. Teachers have become students, required to learn how to move their daily job online. School children and students must complete their schoolwork and lab activities from home, working collaboratively with their classmates, while meeting deadlines set by their teachers. Professionals must continuously upgrade their skills to be ready for the much-needed business transformation.

The value of **3DEXPERIENCE** Edu hinges on the diversity of its community – schoolchildren, students, teachers and professionals all aiming for the same goal: reinvent the way we learn, teach, make & share to imagine sustainable innovations.

Welcome to  
**3DEXPERIENCE**  
Edu!



In this **3DEXPERIENCE** Edu Handbook, you will find everything you need to promote, experience, and share education related content.

It provides an overview to help you liaise with your customers, along with innovative ideas for illustrating your presentations and a range of tools to help you sell efficiently.



### KIDS/STUDENTS

My Student offer

Certification

Job place

**3DEXPERIENCE** Edu Hub

Skills of the future

Challenges

Communities, social networks

### EDUCATORS

**3DEXPERIENCE** for Education offer

3D Designer

**3DEXPERIENCE** Engineer

New **3DEXPERIENCE** Academic offers

My Offer

Learning portal

**3DEXPERIENCE** Edu Centers

Academy Member program

Certification

Ecosystem

**3DEXPERIENCE** Edu Hub

Skills of the Future

Communities, social networks

### PROFESSIONALS/COMPANIES

My Offer

Education Partner dashboard

Learning portal

Certification

Learning Experiences Libraries

Professional Transformation

**3DEXPERIENCE** Edu Hub

Skills of the Future

Communities, social networks

**CLICK HERE TO SEE**

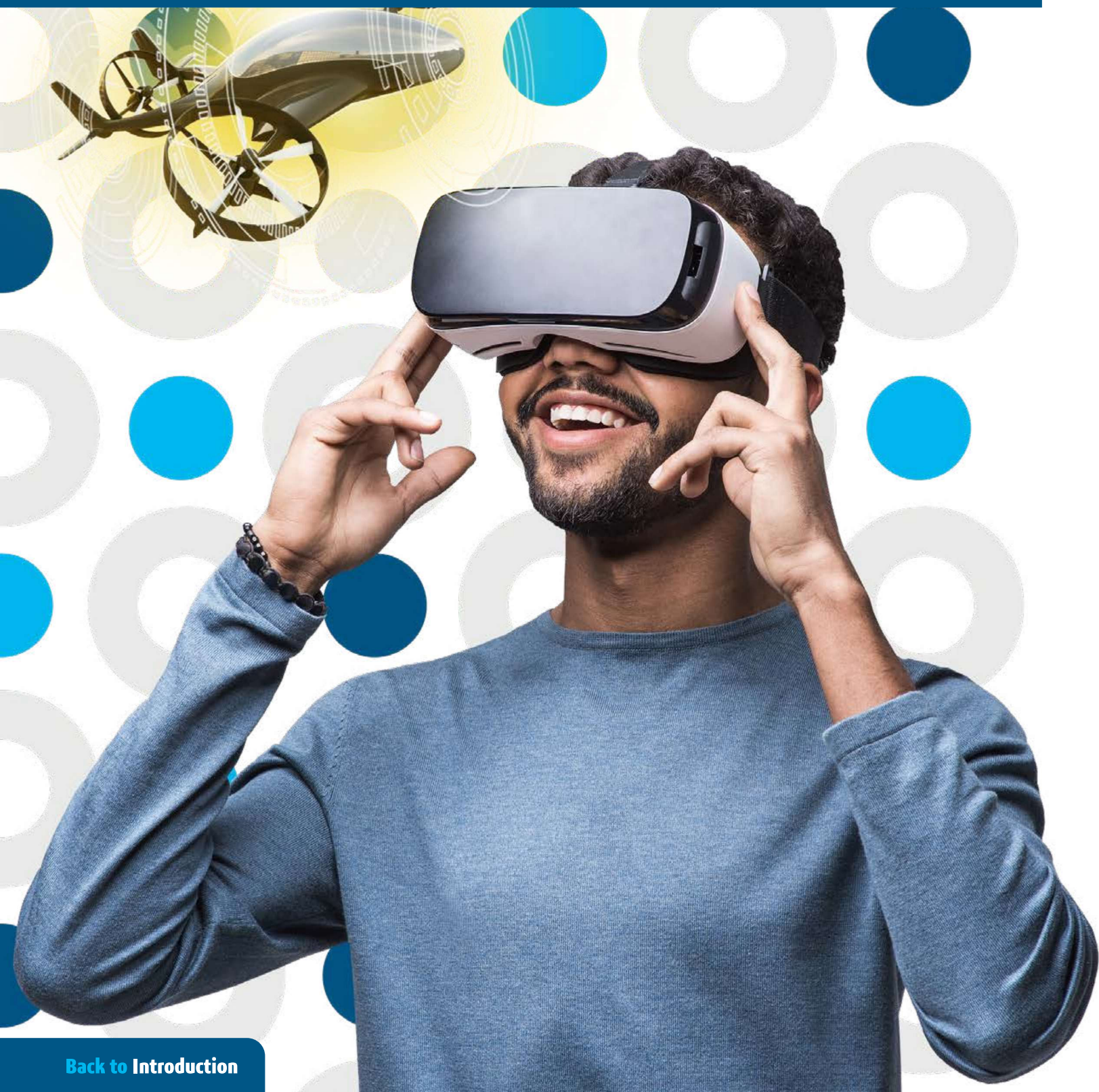
**Appendix: Marketing materials available & Useful Contacts**





# KIDS/STUDENTS

Discover a complete set of apps,  
content and services



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## STUDENT OFFER

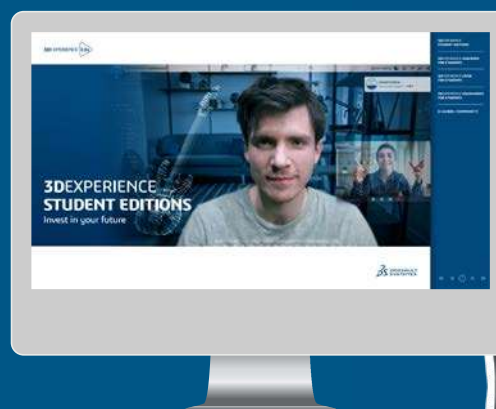


For all students coming from CATIA V5, Abaqus, ICEM Surf or SOLIDWORKS Desktop, they can discover our brand new solutions powered by the **3DEXPERIENCE**! It's time for you to boost their employability by learning the engineering skills of tomorrow!



## "APPS + LEARNING CONTENT + COMMUNITY"

Download the following ebook to know more:



## CERTIFICATION

[edu.3ds.com/be-recognized](https://edu.3ds.com/be-recognized)



Certification provides talented students and individuals with the recognition of their skills in using our solutions to further increase their employability.

Two levels of certification are available:

- 1** Course Certificates  
(attests the acquisition of knowledge and skills during learning activities)
- 2** Professional certification  
(attests the capacity to perform in a job role in a professional environment)



## JOB PLACE

Discover job opportunities connected to your Dassault Systèmes skills and get inspired by success stories from power users.



[edu.3ds.com/job-place](https://edu.3ds.com/job-place)

3DEXPERIENCE Edu

Job Place

### PERSONALIZED JOBS FOR YOUR DASSAULT SYSTÈMES SKILLS

Jobs provided by our partner textkernel in specific countries

SEARCH BY KEYWORD

Country Name

Brands

Education Level

Employment type

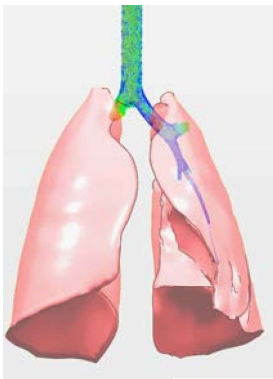
2258 Jobs found.

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## 3DEXPERIENCE EDU HUB

The hub is a dedicated place for those who need inspiration for their project. Every year, this is where we develop advanced projects using the **3DEXPERIENCE** platform. Students will find learning content and materials here, for example to help understand the complexity of CATIA Systems Solutions.

[edu.3ds.com/hub](https://edu.3ds.com/hub)



Lungs  
Trachea  
Simulation

Submarine  
drone



Edu Hub  
Showroom

## SKILLS OF THE FUTURE

[edu.3ds.com/job/skills](https://edu.3ds.com/job/skills)

Technologies are reshaping the world of work. Jobs are being transformed and new jobs requiring new skills are emerging. Dassault Systèmes, as a strategic partner to many customers across industry, is playing a unique role in this transformation.

We have started a series of publications called “Skills Wanted for Sustainable Innovations” aimed at sharing the views of **3DEXPERIENCE** Edu and our ecosystem on the ongoing changes in key roles and skills.

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## CHALLENGES

Dassault Systèmes is proud to enable people from all over the world to compete in international challenges. We sponsor and organize major competitions where students are asked to design humanoid robots, electric-powered submarines, solar racecars, next-generation drones and even space shuttles!

[edu.3ds.com/challenges](http://edu.3ds.com/challenges)



Join our Challenges, show off your talents and level up your skills!

## COMMUNITIES, SOCIAL NETWORKS

[go.3ds.com/studentcommunity](http://go.3ds.com/studentcommunity)



### 3DEXPERIENCE EDU | STUDENTS

This is the place where all students using the **3DEXPERIENCE** platform can discuss ideas, share their work and get help when needed from our experts.



**Learn about offers and events** in your country and **interact** with students/teachers.  
[facebook.com/3DXEdu](https://facebook.com/3DXEdu)



Stay up-to-date on the latest EDU news including student events and contests.  
[twitter.com/3DXEdu](https://twitter.com/3DXEdu)



Find the latest **tutorials** on **3DEXPERIENCE** Edu.  
[youtube.com/3DEXPERIENCEEdu](https://youtube.com/3DEXPERIENCEEdu)



See how others use the platform and stay in the know about Edu news.  
[instagram.com/3dxdedu](https://instagram.com/3dxdedu)

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# EDUCATORS

Discover a complete set of apps,  
content and services



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## 3DEXPERIENCE FOR EDUCATION — OFFER

The **3DEXPERIENCE** platform features sets of roles corresponding to typical industry activity profiles. The specific 'Education' package builds on packages that aggregate broad sets of the same roles.

The **3DEXPERIENCE** platform is available in the cloud, including social and collaborative capabilities. Pricing includes all use and service costs, and any configuration is easily scalable.

All packages are available in four sizes (S, M, L, XL) to meet the needs of diverse secondary and higher education institutions:

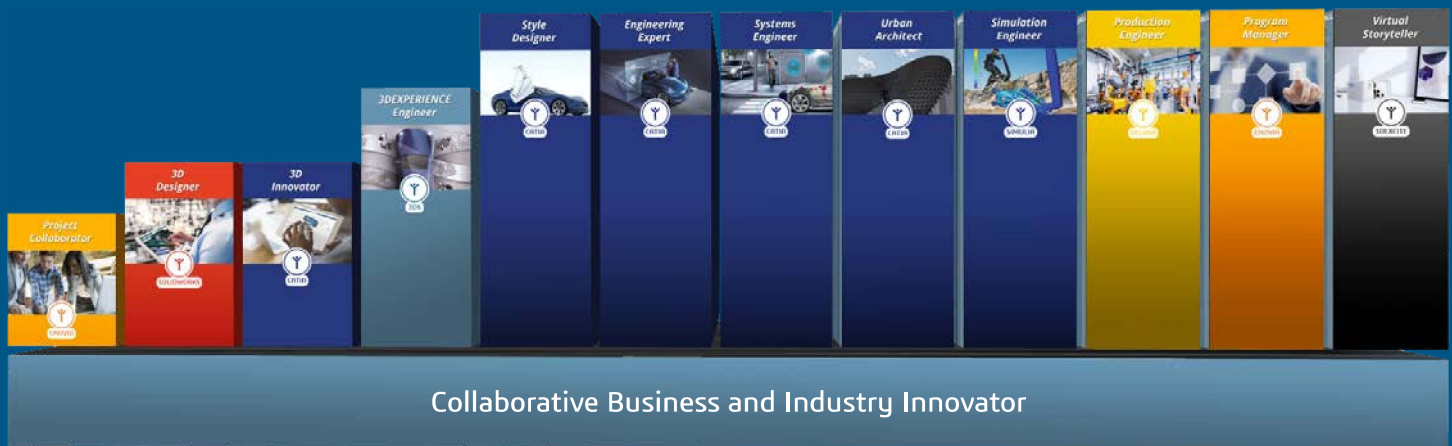
**Small** for up to 30 users

**Medium** for up to 100 users

**Large** for up to 300 users

**Extra Large** for up to 900 users

This is just a snapshot of the offer. Click below to discover additional packages on Simulation, Manufacturing and Production, Systems Engineering and much more.



**Click here to have access to all Academic Roles for Educators**



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## 3D DESIGNER

Based on SOLIDWORKS and powered by the 3DEXPERIENCE platform on the cloud, **3D DESIGNER** is the best full-cloud solution available for student challenges & learning purposes, ready to use from any browser and device! No specific installation or powerful computer required!



[edu.3ds.com/software](https://edu.3ds.com/software)



## HIGHLIGHTS

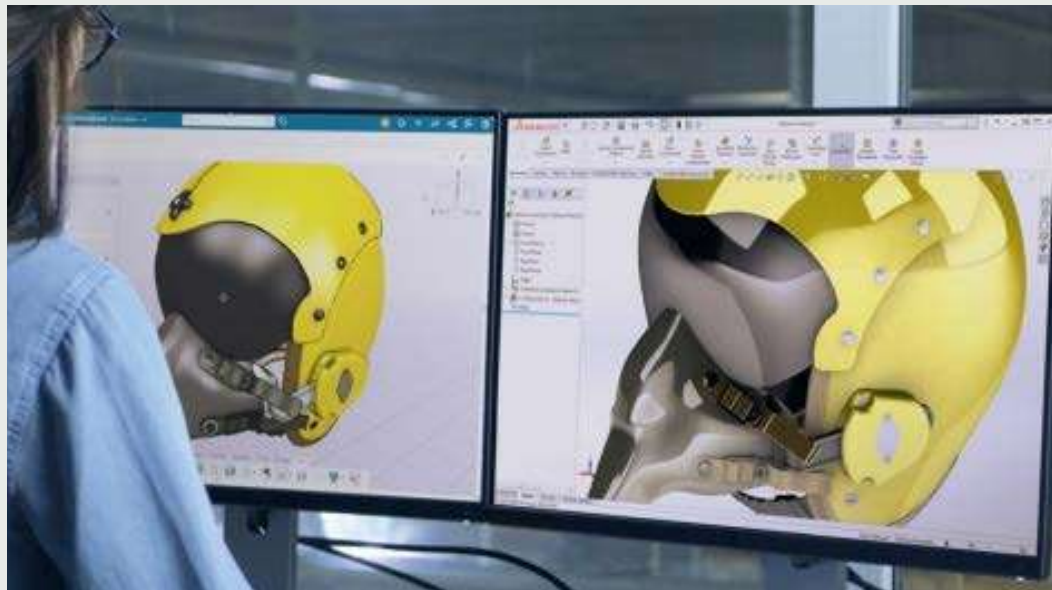
Bring together schools, educators and students on a single framework for sustainable innovation

Take advantage of apps to design, refine, organize, manage, and collaborate on content in real-time

Innovate, collaborate and create great designs anytime, anywhere, from any device — including Macs and mobile devices

Utilize advanced time-saving features and technology like Artificial Intelligence and Machine Learning

All in-the-cloud with zero installation and no extra IT efforts



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# 3DEXPERIENCE ENGINEER

Experience the collaborative engineering practices of industry leaders!

**3DEXPERIENCE Engineer** provides educators with a broad set of design, engineering, simulation, collaboration, management and marketing tools to cover the entire design-to-manufacture ecosystem.

[edu.3ds.com/software](https://edu.3ds.com/software)

## HIGHLIGHTS

**3DEXPERIENCE Engineer** is a portfolio of solutions spanning the entire design-to-manufacture ecosystem and proven industry workflows, all connected through the **3DEXPERIENCE** platform. Access powerful capabilities for 3D design (CATIA), simulation (SIMULIA), manufacturing (DELMIAWORKS), and product data and lifecycle management (ENOVIA).

### Inspired by the pros — available for your students!

In today's ever-changing world and technology landscape, keep ahead of the curve with access to the same tools the pros use in the workplace. Extend your students' design capabilities and innovate faster with intuitive design, advanced simulation, manufacturing and product lifecycle management — all in the cloud.

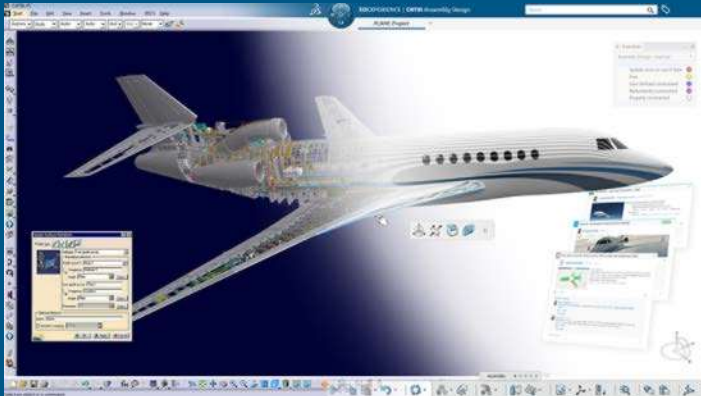
**3DEXPERIENCE Engineer** provides a suite of connected tools and apps specifically cultivated for the broader toolkit required by the designers and engineers of tomorrow. Cement industry-proven best practices of today to propel your students after graduation and beyond.

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# NEW 3DEXPERIENCE ACADEMIC OFFERS

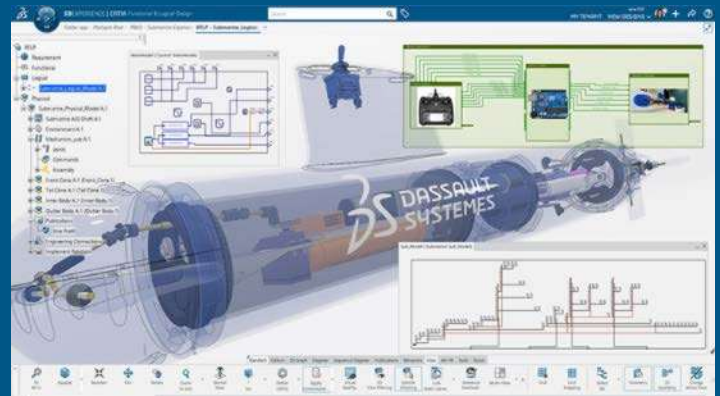


From CATIA V5 to 3DEXPERIENCE Platform  
Shifting toward collaborative and experiential learning.

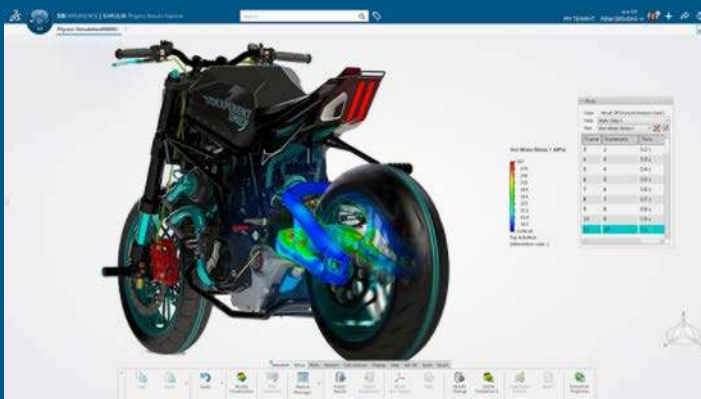
Jump into the **3DEXPERIENCE** with our brand new offers for Educators. Whether they are studying general industry practices or domain specific topics; whether they are coming from SOLIDWORKS, CATIA or SIMULIA worlds, we've got the right fit for their classroom.



Add the value of 3DEXPERIENCE to SOLIDWORKS  
Shifting toward collaborative and experiential learning.



Systems Engineering: the new standard for a complex world  
From mechatronics to connected products & model-enterprise.



Simulation: the new standard for designers  
Empowering students with simulation-driven design experiences.

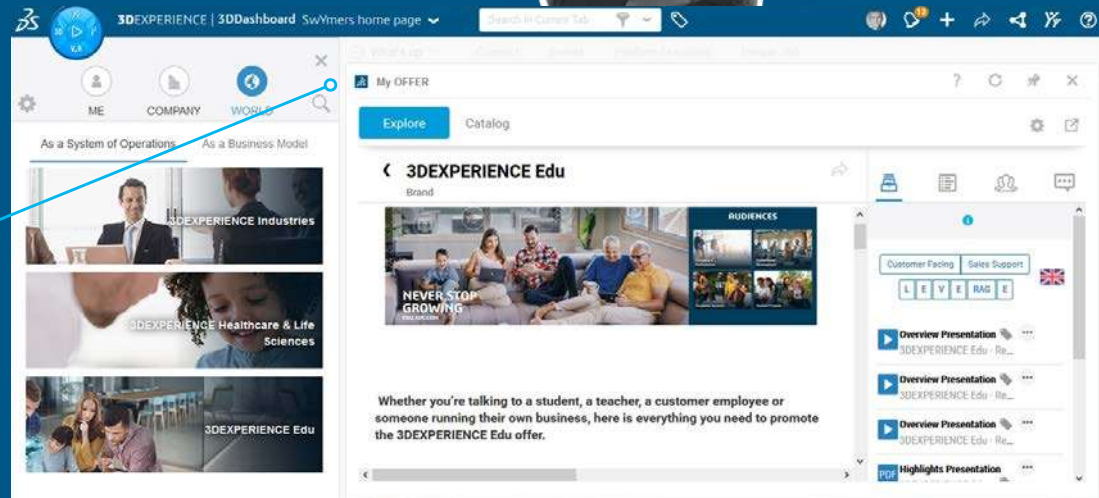
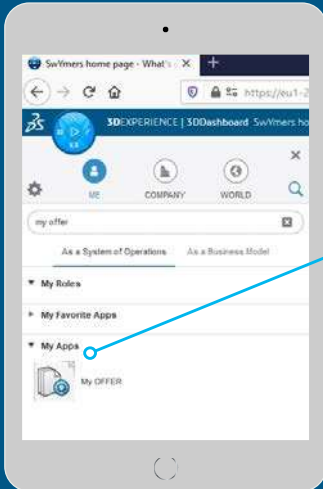


Virtual Manufacturing: the new standard for industrial engineers  
Empower your students to build the factory of the future.



## MY OFFER

Whether you're talking to a student, a teacher, a customer employee or someone running their own business, here's everything you need to promote the **3DEXPERIENCE Edu** offer.



Internal DS employees access

CPE partners access

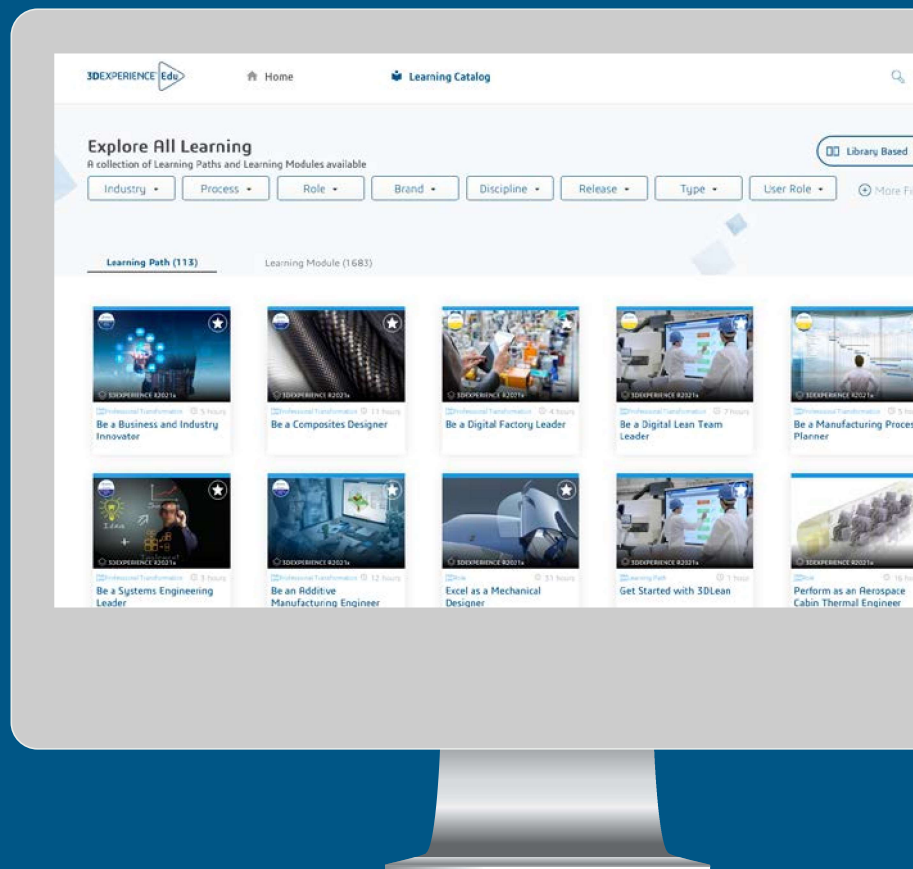
CRE partners access

## LEARNING PORTAL

**eduspace.3ds.com**

**3DEXPERIENCE Edu Space** is a unique online learning portal giving you access, anywhere, anytime, to thousands of learning materials to help students, teachers and professionals become proficient in using Dassault Systèmes products and solutions.

The access to the learning content is linked to the Software Roles, For more information please contact your EDU Sales Representative.



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## 3DEXPERIENCE CENTERS OF EXCELLENCE

**3DEXPERIENCE Center of Excellence** are facilities run by Dassault Systèmes partners, where up-to-date, industry-relevant **3DEXPERIENCE** knowledge and know-how is combined with their own expertise and provided for learners through initial or continuing learning programs.

They also welcome students and educators who want to discover the skills needed by industry in an immersive way.

**3DEXPERIENCE Center of Excellence** keep their expertise and equipment up-to-date to reflect the practices that employers need to deploy. They use Dassault Systèmes' certification program to validate their skills, they provide consistent expertise and learning for academic and professional learners

with our Education Partner Program, and they foster ongoing relationships with our headquarters.

Our centers constitute a growing global network where **3DEXPERIENCE** can be discovered, learned and applied to local industry, making them ideal knowledge partners for local educational projects.



[edu.3ds.com/be-recognized](https://edu.3ds.com/be-recognized)

## ACADEMY MEMBER PROGRAM

The “**Dassault Systèmes Academy Member Label**” program acknowledges academic institutions engaged in using Dassault Systèmes **3DEXPERIENCE** platform, **SOLIDWORKS** or **SIMULIA** software in their study programs and which have shown a committed effort to leveraging the benefits of DS tools for student employability and curriculum quality. This recognition is disseminated throughout our global ecosystem.



## CERTIFICATION

[edu.3ds.com/be-recognized](https://edu.3ds.com/be-recognized)



3DS professional certifications recognize the skills involved in using our solutions. Students and professionals can get what

they need for a truly stand-out resume. And why not challenge yourself at the same time by completing our programs to earn formal

recognition of your expertise in our solutions? You can then join our communities of recognized experts!



## ECOSYSTEM



To constantly enhance our understanding of educational needs and trends, Dassault Systèmes fosters strong relationships with engineering education societies, among which:

American Society for Engineering Education (ASEE)

International Federation of Engineering Education Societies (IFEES)

Global Engineering Deans Council (GEDC)

European Society for Engineering Education (SEFI)

Indo Universal Collaboration for Engineering Education (IUCEE)

Japanese Society for Engineering Education (JSEE)

Korean Society for Engineering Education (KSEE)

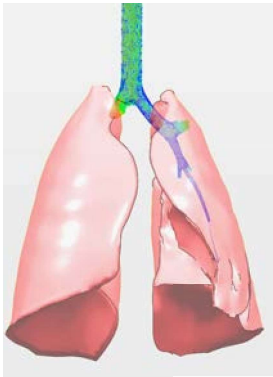
A key aspect of this commitment is our participation in events and conferences organized by these societies in various parts of the globe or online.



## 3DEXPERIENCE EDU HUB

The hub is a dedicated place for those who need inspiration for their project. Every year, this is where we develop advanced projects using the **3DEXPERIENCE** platform. Students will find learning content and materials here, for example to help understand the complexity of CATIA Systems Solutions.

[edu.3ds.com/hub](https://edu.3ds.com/hub)



Lungs  
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Simulation

Submarine  
drone



Edu Hub  
Showroom

## SKILLS OF THE FUTURE

[edu.3ds.com/job/skills](https://edu.3ds.com/job/skills)

Technologies are reshaping the world of work. Jobs are being transformed and new jobs requiring new skills are emerging. Dassault Systèmes, as a strategic partner to many customers across industry, is playing a unique role in this transformation.

We have started a series of publications called “Skills Wanted for Sustainable Innovations” aimed at sharing the views of **3DEXPERIENCE** Edu and our ecosystem on the ongoing changes in key roles and skills.

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## COMMUNITIES



[go.3ds.com/luU](https://go.3ds.com/luU)

### 3DEXPERIENCE EDU | ACADEMICS

This community enables educators to efficiently deploy the 3DEXPERIENCE platform in their curriculum by connecting with peers worldwide.



## SOCIAL NETWORKS



Learn about offers and events in your country and **interact** with students/teachers.  
[facebook.com/3DXEdu](https://facebook.com/3DXEdu)



Stay up-to-date on the latest EDU news including student events and contests.  
[twitter.com/3DXEdu](https://twitter.com/3DXEdu)



Find the latest **tutorials** on 3DEXPERIENCE Edu.  
[youtube.com/3DEXPERIENCEEdu](https://youtube.com/3DEXPERIENCEEdu)



See how others use the platform and stay in the know about Edu news.  
[instagram.com/3dxdedu](https://instagram.com/3dxdedu)



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# PROFESSIONALS/COMPANIES

Discover a complete set of apps,  
content and services

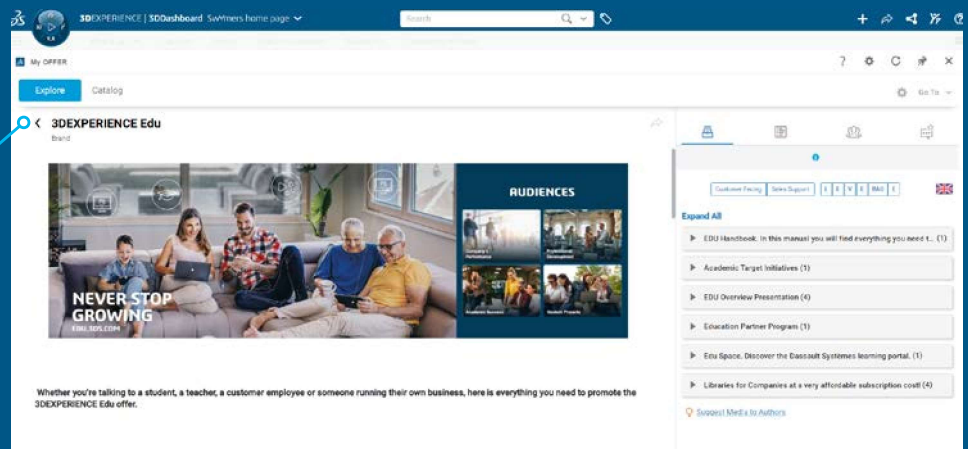
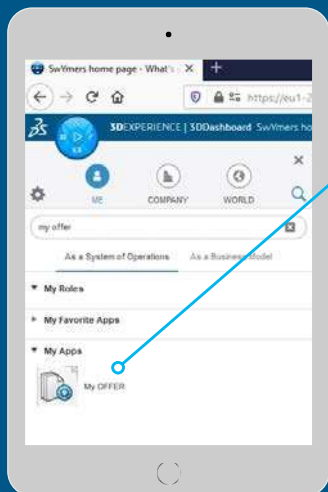


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# MY OFFER

Here's everything you need to promote the **3DEXPERIENCE** Edu offer.



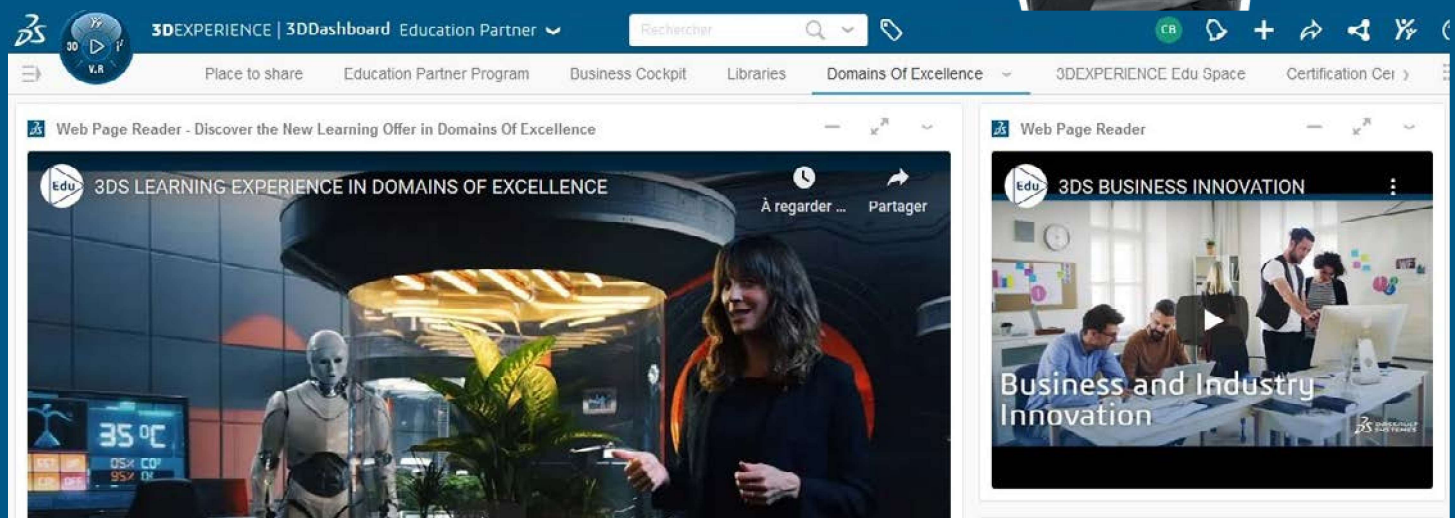
Internal DS employees access

CPE partners access

CRE partners access

# EDUCATION PARTNER DASHBOARD

[go.3ds.com/eB9](https://go.3ds.com/eB9)



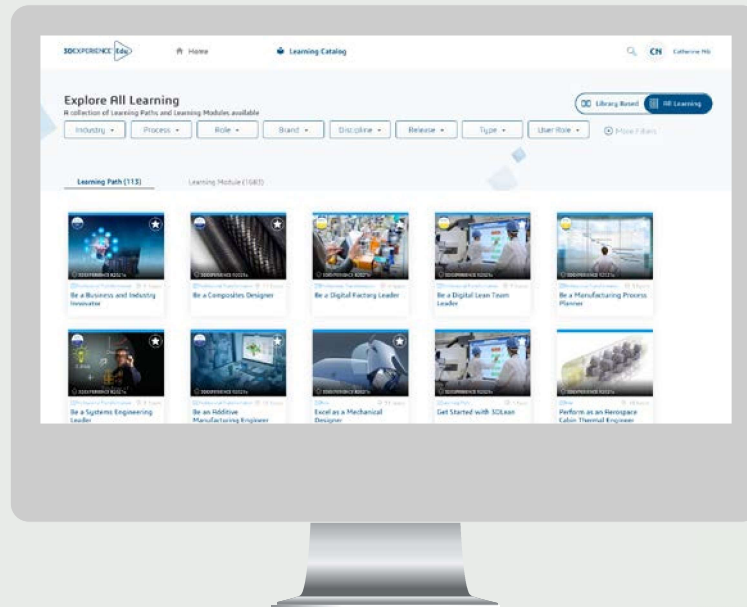
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# LEARNING PORTAL

**3DEXPERIENCE Edu Space** is a unique online learning portal giving you access, anywhere, anytime, to thousands of learning materials to help you become proficient in using Dassault Systèmes products and solutions.

The access to the learning content is linked to the Software Roles,  
For more information please contact your EDU Sales Representative.

[eduspace.3ds.com](https://eduspace.3ds.com)



# CERTIFICATION

Provides talented individuals with the recognition of their skills in using our solutions to further increase their employability.

[edu.3ds.com/be-recognized](https://edu.3ds.com/be-recognized)

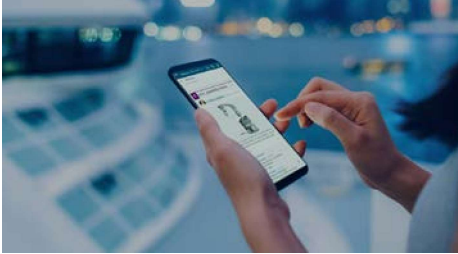
Two levels of certification are available:

- 1 Associate certification (attests the acquisition of knowledge and skills during learning activities)
- 2 Professional certification (attests the capacity to perform in a job role in a professional environment)



# LEARNING EXPERIENCES LIBRARIES

[edu.3ds.com/learn/learning-experiences-libraries](https://edu.3ds.com/learn/learning-experiences-libraries)



## 3DEXPERIENCE COLLABORATIVE INNOVATION

Take advantage of the 3DEXPERIENCE platform to design and oversee the most innovative, web-based projects.

Become proficient on **3DEXPERIENCE** roles in no-time. Empower your teams to learn in a self-paced mode, on the job, and get their newly acquired skills recognized through certification.



## SIMULATION

Gain simulation expertise to improve product performance while reducing risks and costs.

**3DEXPERIENCE WORKS**  
Get the most of the 3DEXPERIENCE platform to develop expertise on selected solutions across domains such as Collaboration, Design, Simulation and Manufacturing.

## DESIGN/ENGINEERING

Apply the latest Design & Engineering practices to produce the most innovative products and experiences even faster, as part of a seamless workflow.



## VIRTUAL PLANET

Gain latest know-how in virtual 3D environment to interactively discover the virtual twin of the city.

**MANUFACTURING/PRODUCTION**  
Great products start with great designs, but even the most innovative ideas will fail if they can't be manufactured efficiently.

## GOVERNANCE/LIFECYCLE

Learn how to accelerate cross-team collaboration and product development in a fully connected on-line environment.



# PROFESSIONAL TRANSFORMATION

We provide powerful Learning Experiences, based on Industry-proven practices, with recognized third-party experts and the latest know-how.

These Learning Experiences provide recognized credentials to:

- Rapidly embark on a new career path
- Develop new skills specific to certain job fields driven by industry transformation

[edu.3ds.com/learn/professional-transformation](https://edu.3ds.com/learn/professional-transformation)



## BUSINESS AND INDUSTRY INNOVATION

Companies must take decisions faster than ever, leveraging exponentially-growing data and information, while ensuring collaboration among all process stakeholders.



## CYBER PHYSICAL SYSTEMS

Cyber-physical systems engineering is a cross-disciplinary approach that enables seamless collaboration among siloed departments and ensures optimal traceability.



## DIGITAL FACTORY

Transitioning to a Digital Factory framework is key to coping with the global scale of planning and production that we're seeing in the modern experience economy.

Discover new skills related to Industry Renaissance.



## LIGHTWEIGHT ENGINEERING

Lightweight Engineering provides designers with the expert capabilities to minimize part weight, maximize stiffness, reduce costs and optimize material usage.



## DIGITAL LEAN MANAGEMENT

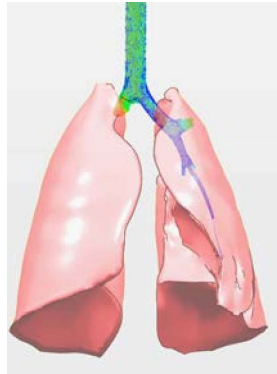
Dassault Systèmes **3DEXPERIENCE** platform brings Lean practices that empower people to communicate, organize, and solve problems more effectively, leading to end-to-end Digital Lean Transformation.



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## 3DEXPERIENCE EDU HUB

The hub is a dedicated place for those who need inspiration for their project. Every year, this is where we develop advanced projects using the 3DEXPERIENCE platform.



Lungs  
Trachea  
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drone



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Edu Hub  
Showroom

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## COMMUNITIES



[go.3ds.com/iXj](https://go.3ds.com/iXj)

### 3DEXPERIENCE EDU | PROFESSIONALS

Whether you're a Dassault Systèmes customer or preparing your next career move, this community is for you!



## SOCIAL NETWORKS



Learn about offers and events in your country and **interact** with students/teachers.  
[facebook.com/3DXEdu](https://facebook.com/3DXEdu)



Stay up-to-date on the latest EDU news including student events and contests.  
[twitter.com/3DXEdu](https://twitter.com/3DXEdu)



Find the latest **tutorials** on 3DEXPERIENCE Edu.  
[youtube.com/3DEXPERIENCEEdu](https://youtube.com/3DEXPERIENCEEdu)



See how others use the platform and stay in the know about Edu news.  
[instagram.com/3dxedu](https://instagram.com/3dxedu)

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# APPENDIX

Marketing materials available  
Useful contacts

# MARKETING COLLATERALS



## MEDIA



### APP + CONTENT + COMMUNITY **EBOOK**

Discover our brand-new **3DEXPERIENCE** Edu universe and dive into a whole set of tailored apps, content and communities!



### 3DEXPERIENCE FOR EDUCATION **EBOOK**

A powerful digital platform to prepare the workforce of the future.



### 3DEXPERIENCE STUDENTS EDITIONS **EBOOK**

Invest in your future



### SKILLS WANTED FOR SUSTAINABLE INNOVATIONS **EBOOKS**

Discover the key jobs for the future



### LEARNING EXPERIENCES LIBRAIRIES **CATALOG**

Accelerate **3DEXPERIENCE** adoption and boost your return on investment.



### PROFESSIONAL TRANSFORMATION **FLYERS**



### SHOW OFF YOUR TALENTS **FLYER**

Take part in the Dassault Systèmes Student Challenges!

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# MARKETING COLLATERALS

## VIDEOS

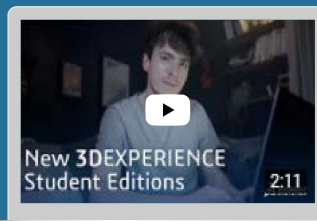
[youtube.com/3DEXPERIENCEEdu](https://youtube.com/3DEXPERIENCEEdu)



What is the  
**3DEXPERIENCE**?



From students to business  
innovators



Prepare your future with next-gen  
industry solutions and get certify!



**3DEXPERIENCE**  
Edu Space



3DS learning in domains of  
excellence





**FIND YOUR LOCAL  
EDUCATION SALES  
LEADER**



Visit us at  
[edu.3ds.com](https://edu.3ds.com)  
to discover more!

