

Reaktor



# Reaktor Education

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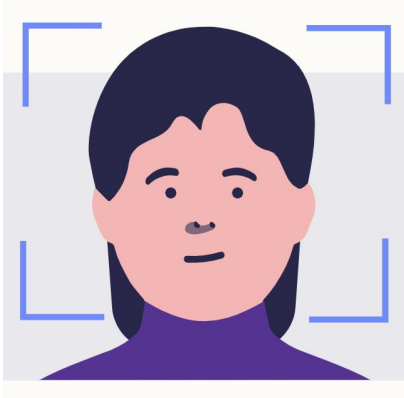


**Reaktor Education wants to provide the  
most accessible online education  
for the future of work.**



# Modern approach to online learning

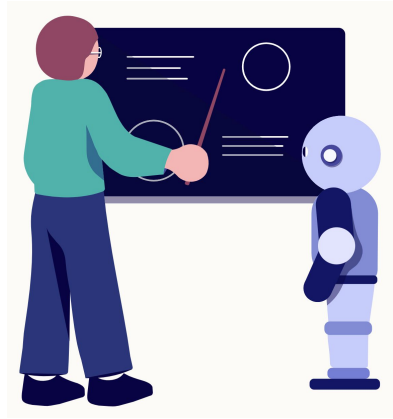




## **Design with the user in the center**

Have a clear target group.  
For Elements of AI it was a female highschool student.

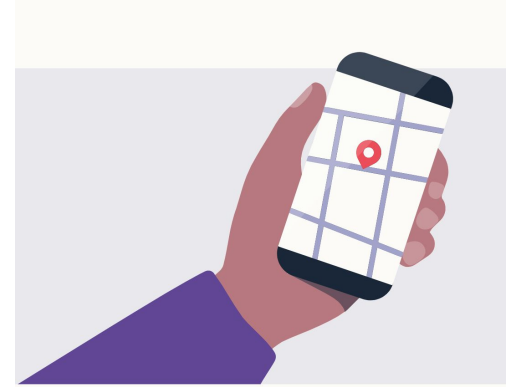
Design for engagement.  
People could watch Netflix or use Facebook instead.



## **Agile ways of working**

True innovation seldom happens in a strictly structured environment.

Ways of working should be agile and the product should be tested with real users as often as possible.



## **Marketing and communications**

Nothing happens by just putting things online.

Marketing and communications have to be planned, budgeted and executed professionally.



# Understand WHY people learn.

## **What are their feelings on the subject you are about to teach?**

Is it boring? Is it too confusing or elitist or overwhelming to know where to start? Is the current way of discussing the topic gender biased? Is there a fear about the effect your subject might have on the student's future, on society?

## **Why do they care?**

Do they want to be like someone they know who has a job requiring these skills? Do they want to earn more money? Do they want to be able to work remotely? Do they want to seem aware and up-to-date at their next meeting/dinner party/job interview?





## ● Elements of AI

Elements of AI ranked as the  
**#1 Computer Science online  
course** in the world, ahead of  
Stanford, Harvard, and MIT.

Class Central 2021





# Digital Skill Up Courses



## Intro

Three courses focusing on emerging technologies, can be taken separately or as a serie. Together they create a learning path that has the potential to engage students with different backgrounds and skill levels.

First course 'Digital Revolution' creates the foundation to understand the discussion on technologies, second course 'Emerging technologies' gives an overall brief on the these technologies, and third course 'Cybersecurity' dives deeper in the theme that is relevant in all technology discussion.

Courses are free and available in 10 EU languages. The educational arm of the European Digital Skills and Jobs Platform.





## Digital Revolution

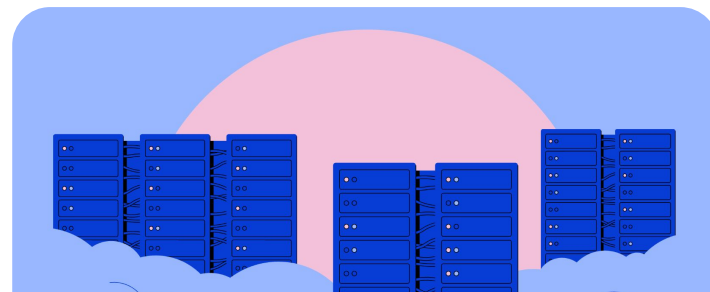
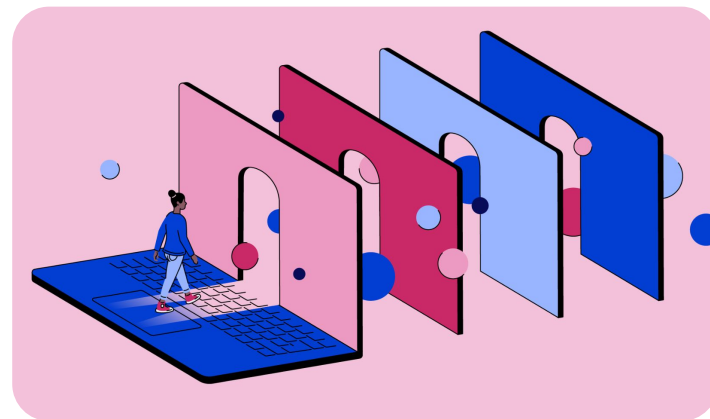
The course introduces digital revolution as a phenomenon, zooming in on most prominent aspects and taking learners through history and evolution, delivering a foundation of knowledge to comprehend emerging technologies.

**Level:** Introductory

**Certificate:** Available on completion

**Length:** 15-25 hours

**Target audience:** General public



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## Emerging Technologies

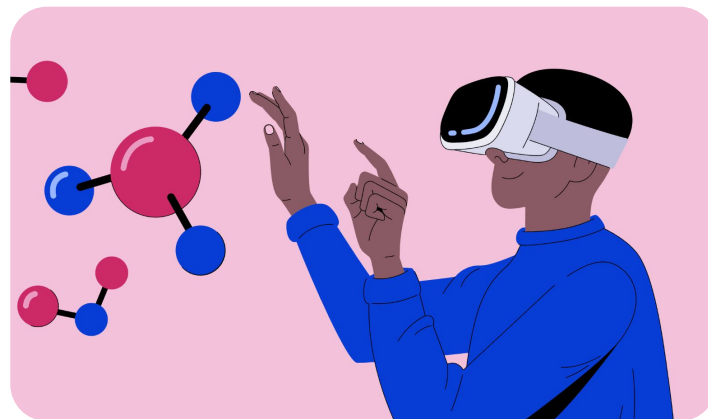
The course builds the understanding of what emerging technologies are and may be in the future, providing an overview of the impact, applications and implications of emerging technologies as a whole, with a special focus on Internet of things, Robotics and AR/VR.

**Level:** Introductory

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**Length:** 15-25 hours

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## Cybersecurity

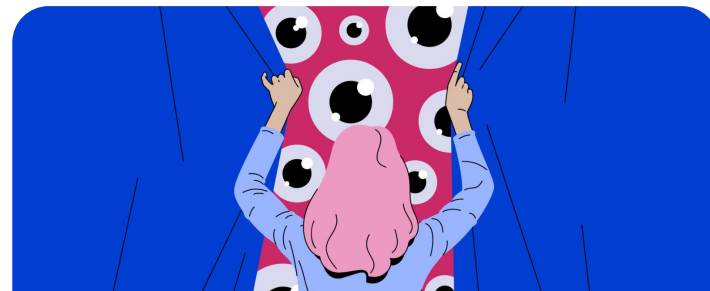
Security, Safety and trust online. The course builds on the general notion of risk online and associated concepts (asset, vulnerability, threat, impact) to drive a general approach to securing one's digital life.

**Level:** Introductory

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# **Courses on the future of work**



## AI for Built Environment

The course goes through the basics of AI in built environment and gives them tools to better understand the ways to create their own AI solutions.

For everyone in the field. Bringing together doers, thinkers, challengers and visionnaires.

**Level:** Introductory

**Certificate:** Available on completion

**Length:** 10-15 hours

**Target audience:** Construction, infrastructure





## Agile project management

What does Agile mean and how to move step by step towards a common goal. What does agile mean for individuals, teams and interaction? Designed to lead from words to action

**Level:** Introductory

**Certificate:** Available on completion

**Length:** 15-20 hours

**Target audience:** Professionals, leaders





# Starting Up

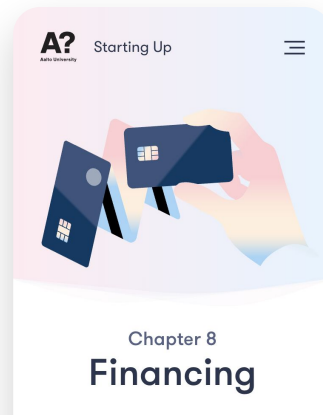
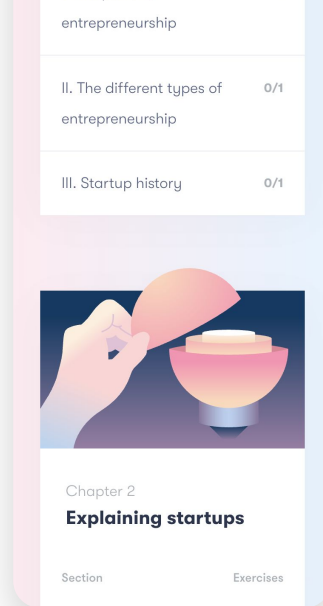
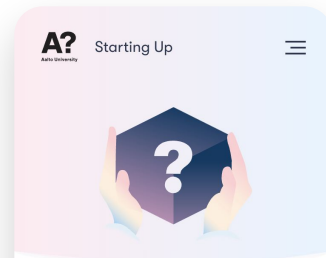
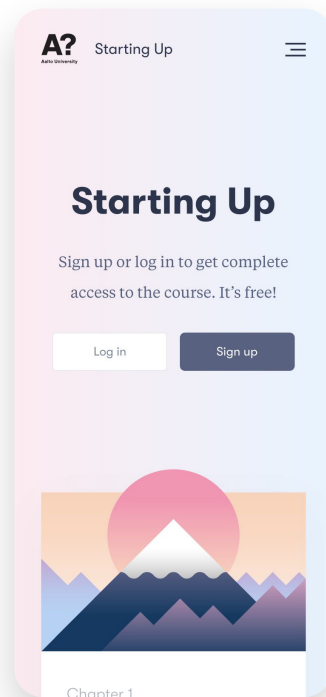
## Beyond the startup hype

Get first-hand knowledge from founders on how to start your own business, kickstart a venture inside an organization, or to simply understand and discuss the topic

## Practical know-how

Learn the fundamentals of startup entrepreneurship, company building, and how to create new products with real-life examples from successful entrepreneurs.

Created by the same community as **Slush**, Europe's biggest startup event.





# Rethinking health

## The fundamentals of value based care

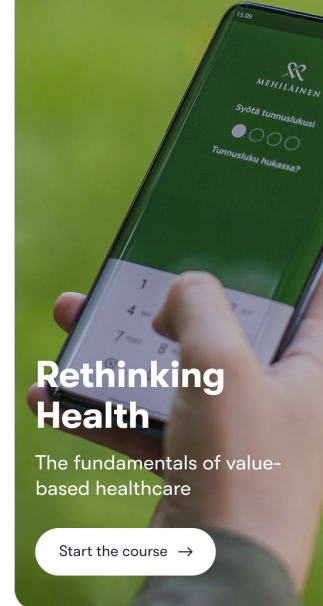
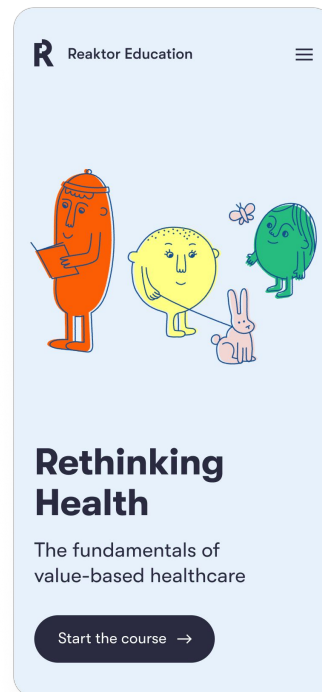
Global events have shown us that healthcare matters more than ever. Value-based healthcare has been proposed as a solution for better results – for individual patients and for society as a whole. You'll get practical case examples and the information you need to be part of the discussion about shaping the future of healthcare.

**Level:** ???

**Certificate:** Available on completion

**Length:** ???

**Target audience:** Healthcare students, professionals & leaders, policy makers, pharmaceuticals





## Regenerative Farming

The course provides basic information on the methods of regenerative farming. The course has been developed with the daily lives and needs of farmers in mind, and its content is based on scientific research condensed into an easy-to-adopt format.

Collaboration with Baltic Sea Action Group, BSAG.

**Level:** ???

**Certificate:** Available on completion

**Length:** ???

**Target audience:** Farmers, general public interested in environmental topics



**Suomalainen maanviljelijä  
pystyy viljelemään maata  
tavalla, joka tervehdyttää  
maaperää, parantaa satoja**



MIKSI?

### Kohti kestävämpää ruoantuotantoa

Kun ymmärrys uudistavan viljelyn mahdollisuuksista lisääntyy, myös ruoantuotanto muuttuu entistä kestävämpään suuntaan. Sen myötä tavallinen kuluttaja voi ostaa kaupasta ruokaa, joka on tuotettu yhä vahvemmin luonnon monimuotoisuutta tukien.



Päyhteistyökumppanit

**SITRA**

**Valio**

Kumppanit



## Linkit

<https://www.reaktor.com/work/education/>

<https://www.digitalskillup.eu/>

## Suorat kurssilinkit

<https://www.elementsofai.com/>

<https://starting-up.org/en/>

<https://courses.reaktor.education/fi/courses/ai-for-built-environment/overview/>

<https://reaktoeducation.com/en/courses/rethinking-health/>





# Thank you!

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