



Erasmus+



VGTU LYCEUM OF  
ENGINEERING

## *ENTREPRENEURSHIP AT VGTU ENGINEERING LYCEUM*

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12/08/2021

# Top 10 skills of 2025

## Investuok Lietuvoje

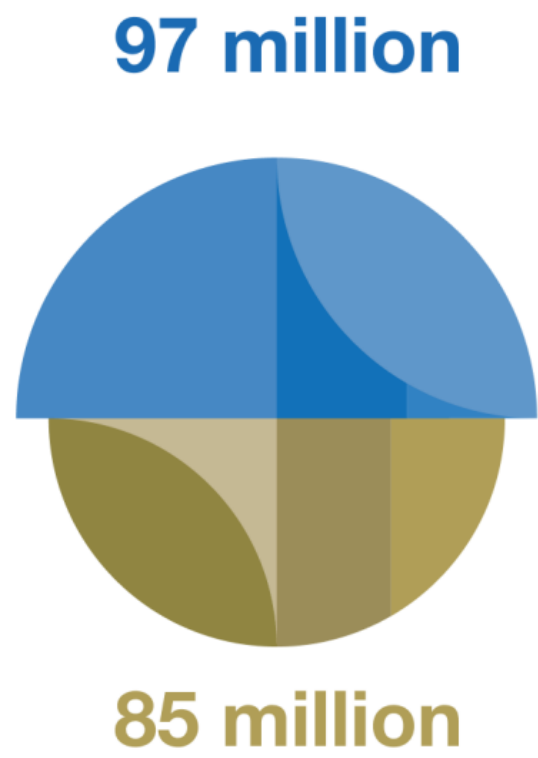
AR ŽINOJOTE, KAD...



-  Analytical thinking and innovation
-  Active learning and learning strategies
-  Complex problem-solving
-  Critical thinking and analysis
-  Creativity, originality and initiative
-  Leadership and social influence
-  Technology use, monitoring and control
-  Technology design and programming
-  Resilience, stress tolerance and flexibility
-  Reasoning, problem-solving and ideation

## Job landscape

By 2025, new jobs will emerge and others will be displaced by a shift in the division of labour between humans and machines, affecting:







### Growing job demand:

1. Data Analysts and Scientists
2. AI and Machine Learning Specialists
3. Big Data Specialists
4. Digital Marketing and Strategy Specialists
5. Process Automation Specialists
6. Business Development Professionals
7. Digital Transformation Specialists
8. Information Security Analysts
9. Software and Applications Developers
10. Internet of Things Specialists

### Decreasing job demand:

1. Data Entry Clerks
2. Administrative and Executive Secretaries
3. Accounting, Bookkeeping and Payroll Clerks
4. Accountants and Auditors
5. Assembly and Factory Workers
6. Business Services and Administration Managers
7. Client Information and Customer Service Workers
8. General and Operations Managers
9. Mechanics and Machinery Repairers
10. Material-Recording and Stock-Keeping Clerks

- Type of skill
-  Problem-solving
  -  Self-management
  -  Working with people
  -  Technology use and development

Source: Future of Jobs Report 2020, World Economic Forum.

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# Experiential Entrepreneurship Education at VGTU Engineering Lyceum

Company Programme offers students the opportunity to learn how to move a business idea from concept to reality.

Students experience running their own company for one academic year, they discover how a company functions and learn how their ideas could be used to set up a business.

Business volunteers share their experience and students get a better overview of career opportunities, skills needed to succeed and they start to consider entrepreneurship as a potential career opportunity.



**ACCELERATORX**  
**CHALLENGE THE CHALLENGE**

JA Lietuva  
100 YEARS OF ACHIEVEMENT  
A Member of JA Worldwide

09/25-27  
ONLINE BOOTCAMP  
MOKSLEIVIAMS

MECENATAS  
**SEB**

STRATEGINIAI INVESTUOTOJAI  
**ups narbutas**

IŠŠŪKIO PARTNERIS  
**Versli Lietuva**

Innovation and entrepreneurship camp

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## Gen-E 2021 - Winners of Europe's largest youth entrepreneurship festival unveiled

Vilnius, Lithuania,  
15 July 2021



<http://jaeurope.org/medias/news/1016-gen-e-2021-winners.html>

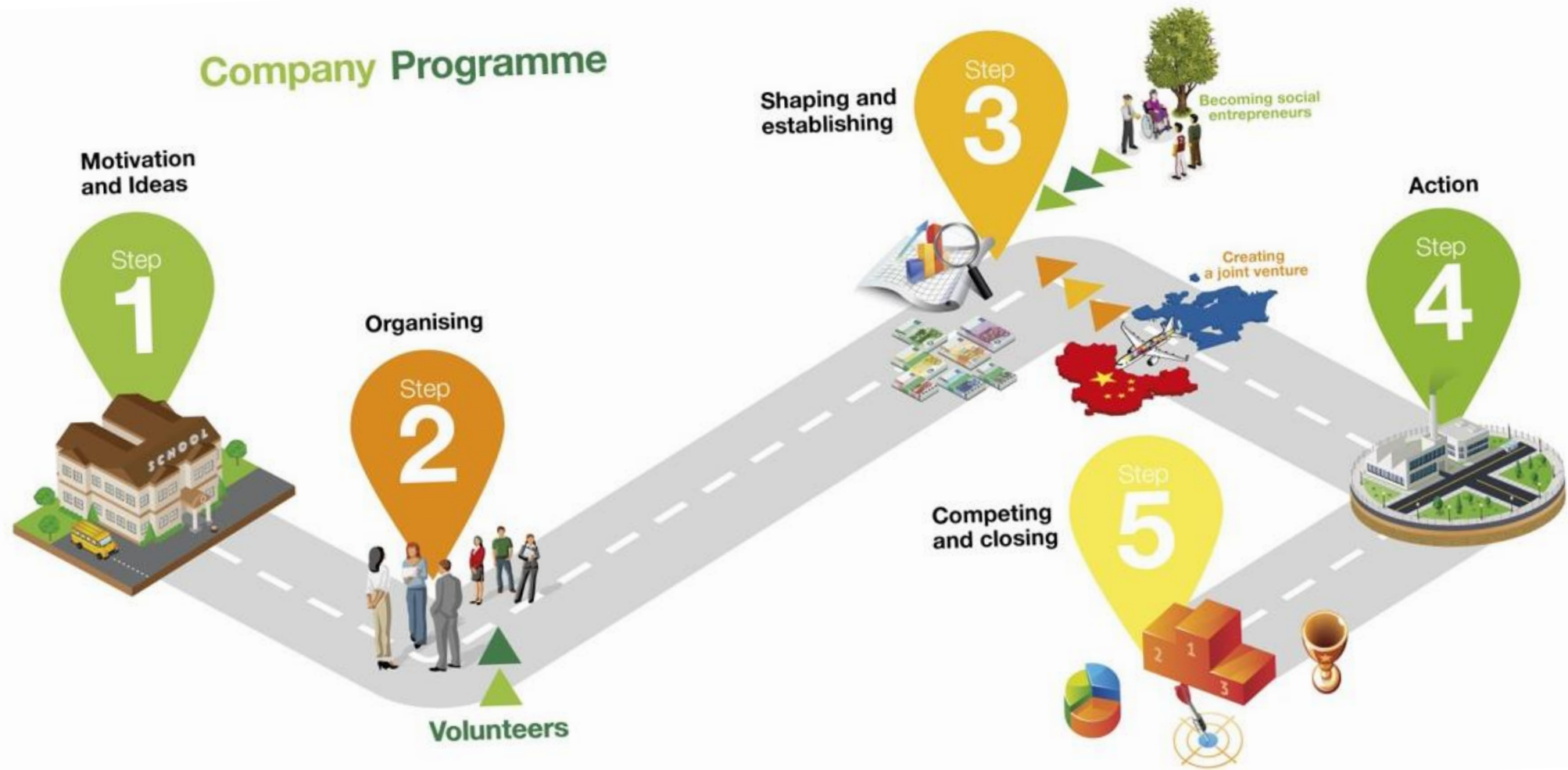
# Artanau

<https://www.artanau.lt/>

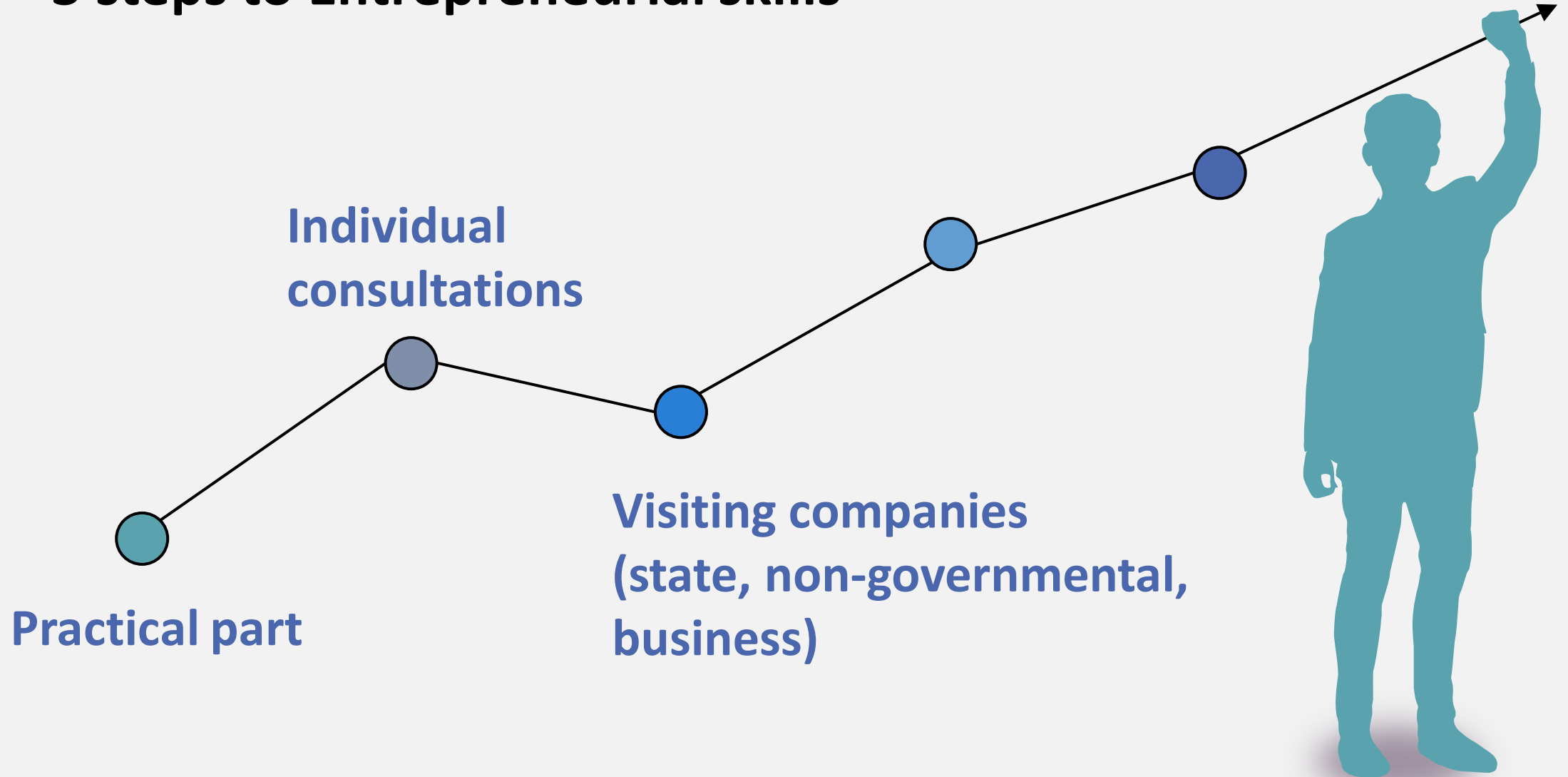
*"Keliaukime į laimingesnę dieną"*



# Company Programme




# 3 steps to Entrepreneurial skills





## **BUSINESS SEARCH:**

- Partnership Committee at School: admin. representative, teachers' representatives, parents' representatives, students' representatives
- Looking for partners and connections
- Addressed to the Lithuanian Business Confederation
- The school presents its idea in media as a possibility to attract businesses to apply themselves and collaborate




**Planning:  
preparing for  
implementation**

**1**

## ACTIVITY PLAN-DIRECTIONS:


- Short-term projects (duration: 1-5 months; trimester / semester)
- Long-term projects (6-9 months)
- Shadow program (half or full school year)
- Supplementing the subject system (subjects) with the involvement of business representatives in the teaching process (teacher + business company representative). Duration: trimester / semester / one academic year.
- Non-formal education



Planning:  
preparing for  
implementation  
2

## REGULATORY DOCUMENTS:

- Coordination with the founder
- Co-developed strategy
- Collaboration creates lesson schedules or activity books
- Contractual relations (provides the legal basis for such cooperation)



Planning:  
preparing for  
implementation

3

**Partnership of education and business**

What competences and skills are being expected to improve?

Analysis of competences and skills

Preparation and approval of documents

- Strategy
- Program description
- Contracts for collaboration (volunteering , philanthropy)

Timetable/ Activity plan

- How to do this:**
- integration into the subject system according to the nature of the subject
  - timetables
  - Development of competences

- Who will do this at school?
- What companies do we need?

Searching for companies (LT and foreign)

Integration of Entrepreneurship and school subjects


- Competences and skills
- Content planning
- Practice at school and companies

Legal status of the school

- Privat school
- State school
- Semi-privat school

Collaboration of teachers and business representatives

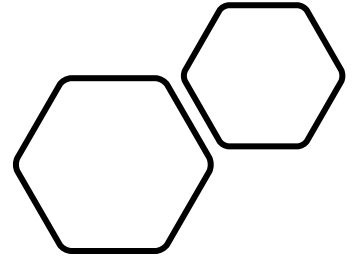
- Strategy plan
- Program description
- Colaboration contracts

An illustration from the Disney movie 'Alice in Wonderland'. Alice, with long blonde hair and wearing a blue dress with a white apron, is seen from behind, looking up at the Cheshire Cat. The Cheshire Cat is a purple and pink striped cat with a wide, toothy grin, sitting on a dark, leafy branch. The background is a dark, starry night sky.

"Would you tell me, please, which way I ought to go from here?"  
"That depends a good deal on where you want to get to."

"I don't much care where —"  
"Then it doesn't matter which way you go."

~Lewis Carroll,  
Alice in Wonderland



# The Future

NEXT EXIT

