



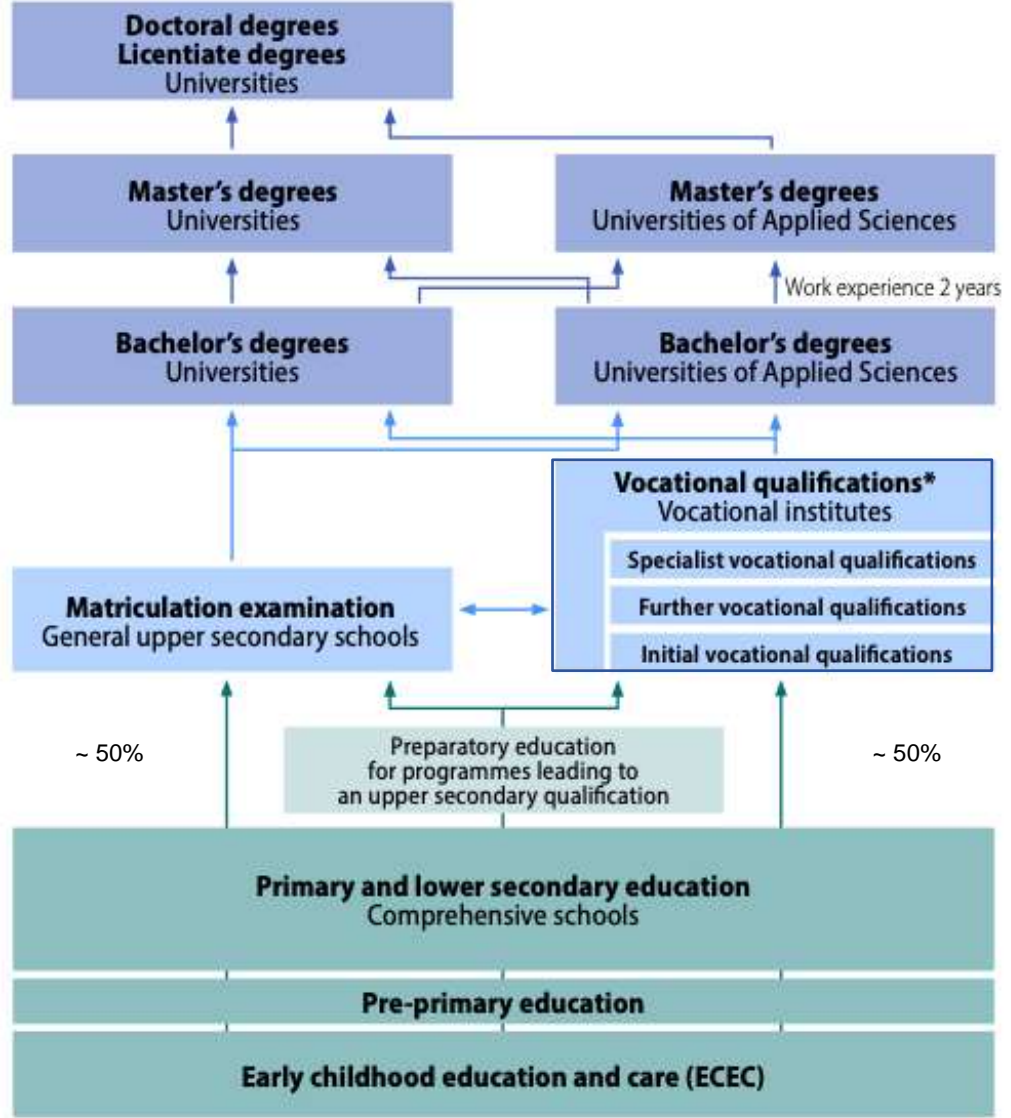
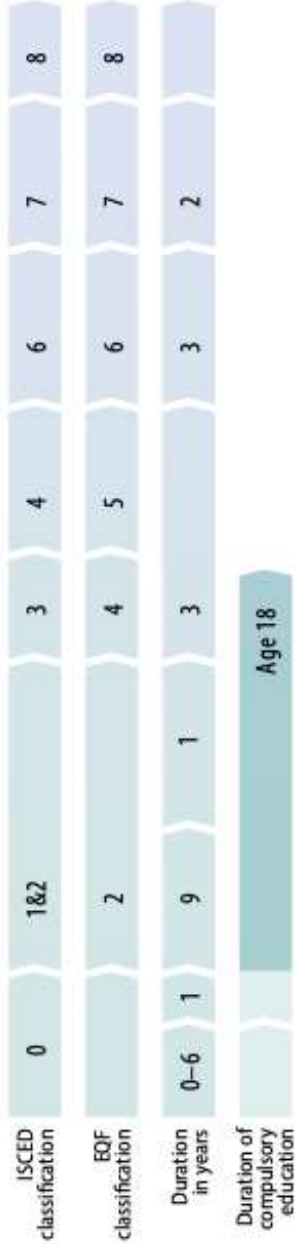
# Welcome Vantaa Vocational College Varia

**VARIA**  
VANTAAN AMMATTIOPISTO



# EDUCATION SYSTEM IN FINLAND

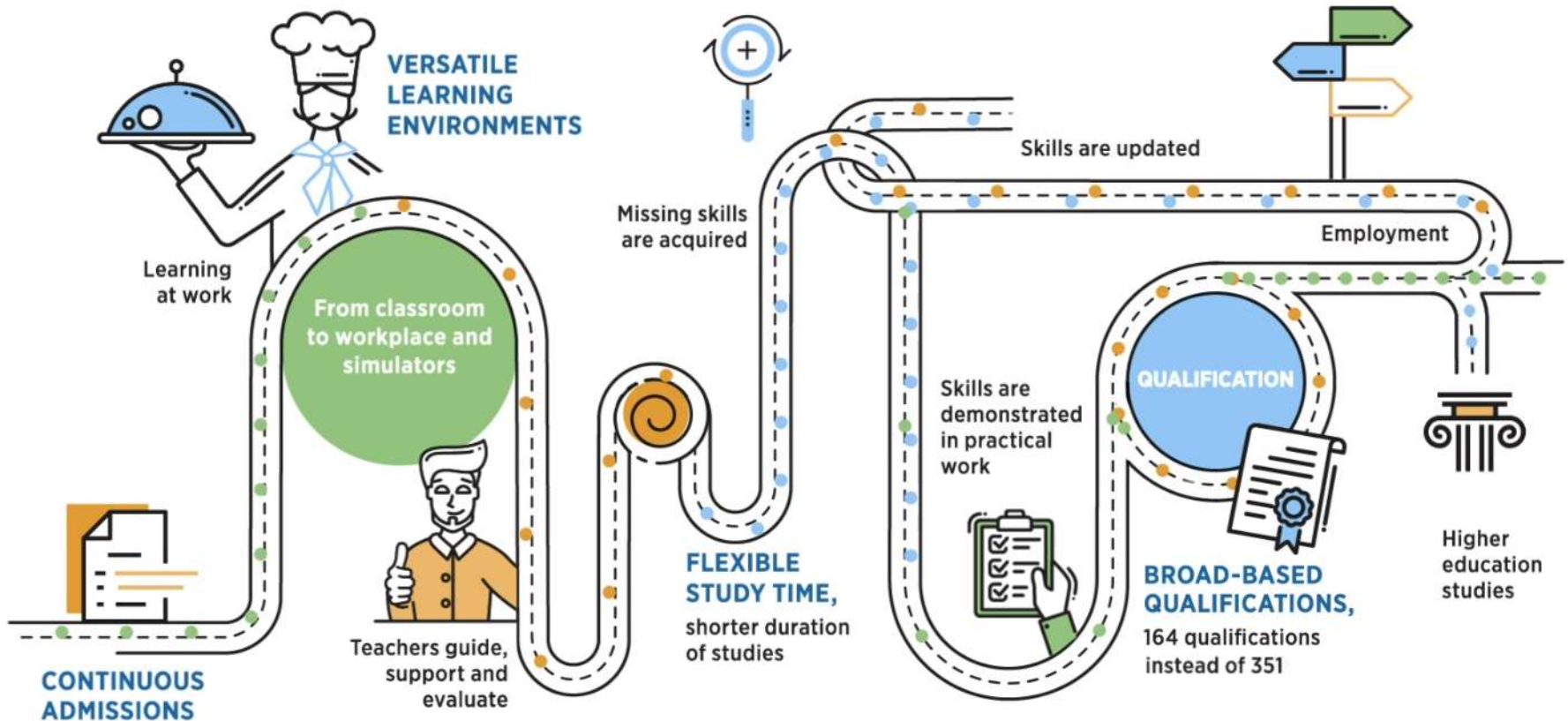
After comprehensive schools, the division to 'high-schools' and 'vocational schools' is **about 50-50**. Preparatory education (TUV) is a mix of the former high-school prep grade, vocational prep grade and 10<sup>th</sup> grade – students create their own study/career path plan during their time in TUV. From TUV the students can go to either general upper secondary schools or vocational institutes. **Open path system** throughout the whole education system allows students to go from **any** upper secondary-level institution to **any** higher-level institution.



\* Also available as apprenticeship training or by training agreement.



# Vocational education and training



In Varia, each student gets a personalized-study-plan (HOKS) at the start of their studies. Previous degrees, courses and skills are taken into consideration when creating HOKS. If a student has credits that can be transferred or experience/skills that can be demonstrated, they will cut down the student's study time.

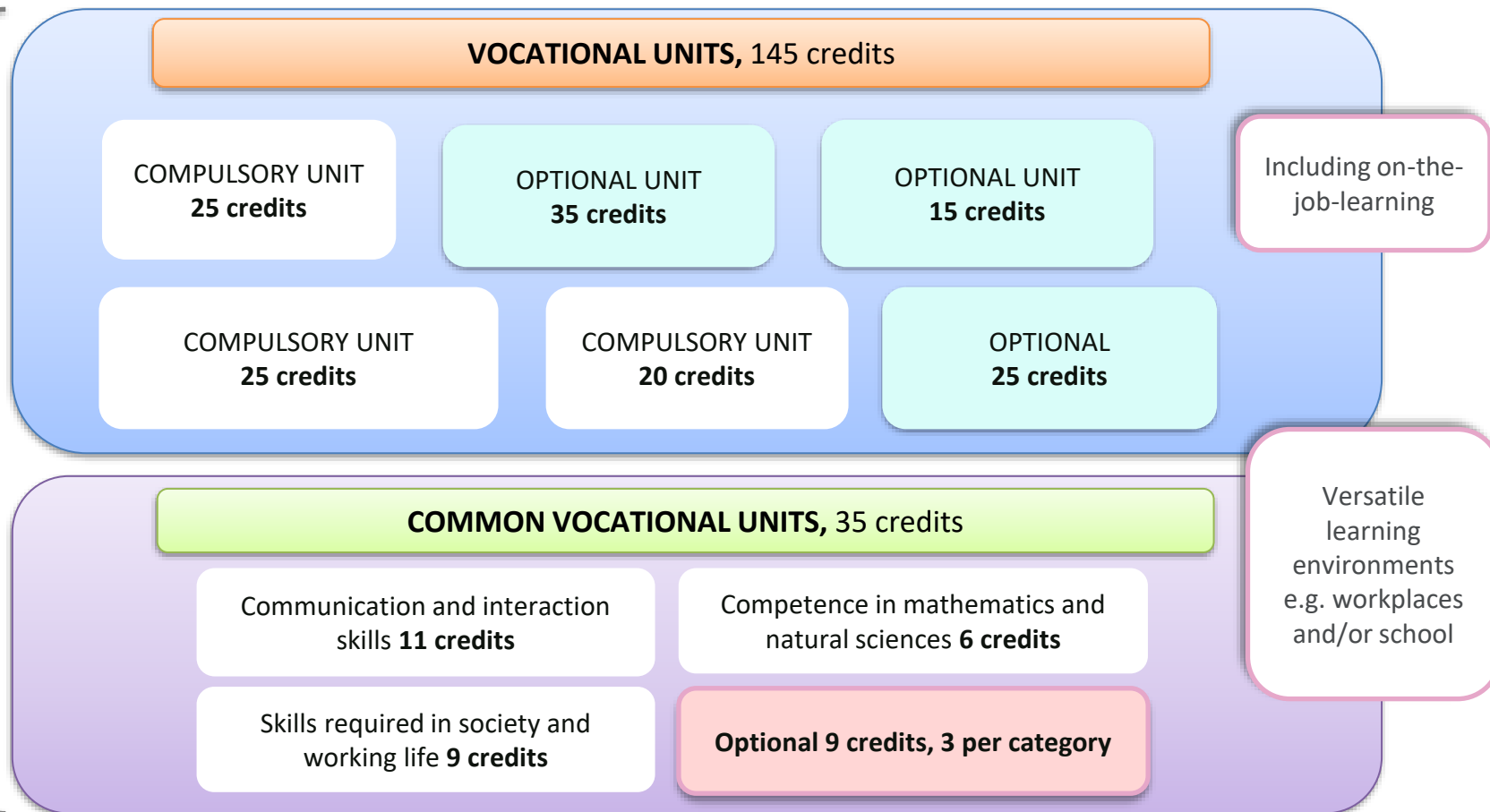
<https://minedu.fi/en/vocational-education-and-training>



# Example of the Vocational Qualification structure

- Vocational education is designed to last 3 years (approximately 60 credits/school year).
- In Varia, optional units can be also chosen from polytechnic degree (University of Applied Sciences) and/or other vocational, special or further vocational qualification. It can be also a locally offered unit.

180 credits aka. “competence points”





## Example of the Vocational Qualification structure

- Students have the opportunity to study up to 60 credits worth of optional units from University of Applied Sciences

### University of Applied Sciences studies in Varia

**E.g.** Varia student in their last year of studying an *English degree in Restaurant and Catering Services*, can complete the first semester of Bachelor of Hospitality Management in Haaga-Helia UAS through aforementioned optional units

# Vantaa Vocational College Varia



Founded in 1963



Budget 42M€



Owned by City of Vantaa



Staff ~400;  
~300 Teachers



4 500 students  
(both young & adult)



5 locations around  
the City of Vantaa





# Vantaa Vocational College Varia's services and organization

Principal Pekka Tauriainen

## SHARED SERVICES

Head of shared services

## SERVICE SECTOR

Head of education services

## LABOUR MARKET SERVICES

Head of labour services

## TECHNOLOGY SECTOR

Head of education services

### FINANCIAL SERVICES

Financial analyst, financial coordinator, financial secretaries

### GROWTH AND HEALTH

Education manager  
Social and health care

### GROWTH AND HEALTH

Education manager  
Social and health care

### LOGISTICS

Education manager  
Logistics  
(drivers, warehouse operatives)

### LOGISTICS

Education manager  
Logistics  
(drivers, airport maintainers)

### EXPERT SERVICES

Assessment expert, international affairs, ICT support

### PREPARATORY TRAINING

Education manager  
Preparatory training, immigrant training

### LABOUR MARKET SERVICES

Services for labour market, customer relations, network cooperation, apprenticeship training, labour policy education, entrepreneurship

### BUILDING

Education manager  
Construction, Surface treatment technology, crafts and design (decoration)

### CAR AND AVIATION

Education manager  
Vehicle technology, aircraft maintenance

### APPLICANT AND STUDENT SERVICES

Applicant and student services manager Tuula Kiiskinen, study secretaries, student counsellors, application coordinator, coordinator of student affairs

### FOOD SERVICES

Education manager  
Food production, restaurant and catering services

### MEDIA AND WELLBEING

Education manager  
Media and visual expression, safety and security, tourism industry, hairdressing and beauty care

### ELECTRICITY AND ICT

Education manager  
Electrical engineering and automation technology, ICT

### PROPERTY AND ENGINEERING TECHNOLOGY

Education manager  
Building maintenance technology, mechanical engineering and production technology, cleaning and property services

### COMMUNICATION

Communication officer

CUSTOMERS

# Varia's Campuses in Vantaa







## Personnel

- ~300 teachers
- 6 Special teachers
- 5 School social workers
- 14 Student counselors
- 4 Psychologists
- 6 School nurses
- 1 Doctor
- 9 Youth workers



Our motto

# Learning by Doing

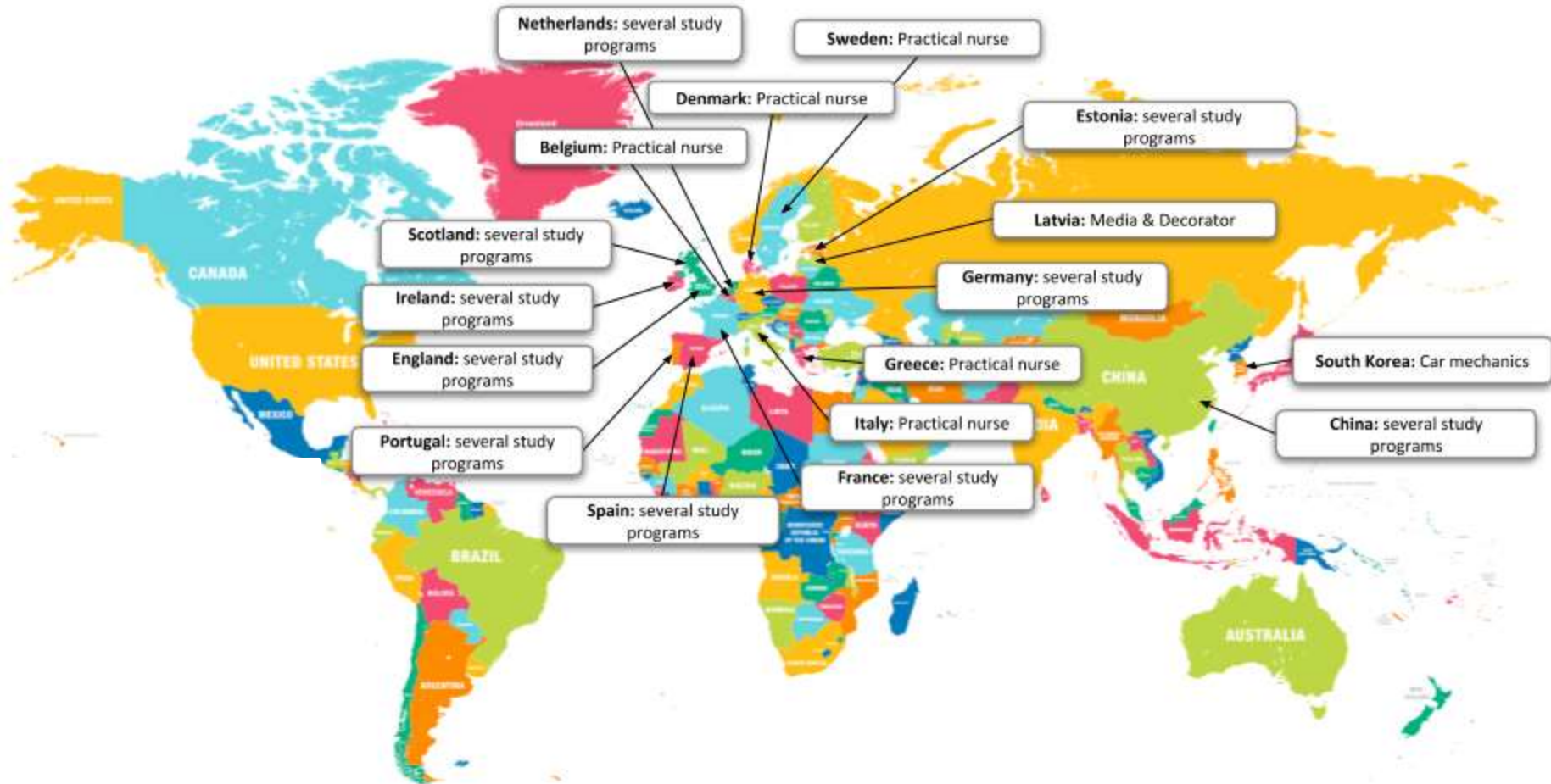


Our students attend  
Yearly Vocational Skills Demonstration  
Skills Competition  
“Taitaja” (Skill Master)





# International partners





# International partners – Typical cooperation with **Varia** (shortly)

- We arrange mobilities with collaborative organizations
  - typically, our students go abroad for 2-12 weeks for internships
  - students who have graduated also have the option (within 12 months of graduation) to go abroad for either exchange studies or on-the-job-learning
  - sometimes our students will finish a vocational unit during their time abroad, meaning that they will do a skill-demonstration in practical work
  - it is also possible for our students to take courses abroad, if they fit the personal study plan and curriculum
- When we receive students, they usually join us for a set period of time, during which said students complete an internship (*learning at work/on-the-job-learning*) period at a company we've worked with before. These trainings are mandatory for our own students, so at times the exchange students might have a Varia student working at the same workplace. Work placements are not paid internships. Training agreements and study grants are signed by and with Varia, as we are the receiving organization.
- We help with the practicalities, such as
  - pick-up service from airport if student or students are not arriving with their teacher/s
  - help with local commuting services, e.g. getting a student discount on travel card
  - finding and choosing accommodation, before arrival
  - introduction and delivery to internship placement on the first day
  - emergency contact or help in any questions related to living and staying in Finland



# International partners – examples of networks

**Netinvet** network  
Logistics





# International partners – examples of networks

**Sotenet** network  
Health care





# International partners

## FinKoEdu – Finnish Korean Education network

- FinKoEdu – Finnish Korean Education network strives to develop vocational education and training in cooperation with South Korean colleges
- Network also organises reciprocal mobilities
- Vantaa Vocational College Varia coordinates this network
- Finnish partners are Keuda, Omnia, Salpaus and Helsinki Vocational College
- Korean partners currently consist of Ajou Motor College

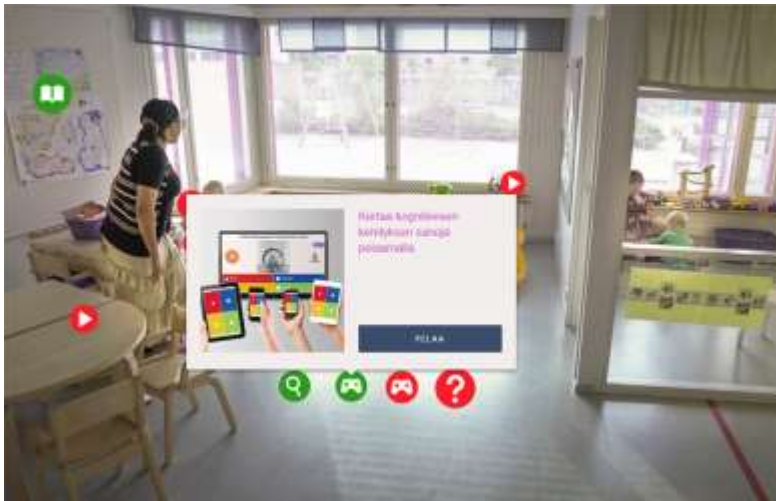






# 3D-Printing VR-glasses Simulators Gamification

are incorporated into our teaching methods





# Something new

- December 2020 "new" airplane for the aircraft maintenance studies
- Aircraft maintenance studies
- Short training courses and individual support for immigrants (such as integration services, counselling, cooperation with employment service, Finnish courses applied to working life, internships and working life skills)
- Utilization of digital pedagogical tools





We have a strong

**Cooperation with the working life**



## Vocational Qualifications offering in **Varia**

- Varia offers the possibility for students to study their Vocational Qualification degrees through apprenticeship
- Varia is authorized to organize and offer all vocational qualifications, there being 164 of them in Finland

### Apprenticeship studies in Varia





## Vocational Qualifications in **Varia**





# Service industry

## Vocational Qualification in

- Restaurant and Catering Services
  - Cook
  - Waiter/ Waitress
- Food Production
  - Baker-confectioner
- Tourism Industry
  - Travel Counsellor
- Media and Visual Expression
  - Photographer
  - Graphic Designer
- Hairdressing and Beauty Care
  - Hairdresser

# Social and Health Care

## Vocational Qualification in Social and Health Care

- ❑ Practical Nurse
  - Children's and Youth Care and Education
  - Mental Health and Drug Abuse Welfare Work
  - Nursing and Care
  - Care for the Disabled
  - Care for the Elderly



# Technology

## Vocational Qualification in

- Mechanical engineering and production technology
  - Machinist
  - Plater-welder
- Building Maintenance
  - Heating, Plumbing and Ventilation Fitter
- Construction
  - Builder
- Surface Treatment technology
  - Painter
- Crafts and Design
  - Decorator







# Transportation

## Vocational Qualification in

- Vehicle Technology
  - Vehicle Body Repairer
  - Vehicle Mechanic
- Logistics
  - Driver
  - Warehouse Operator
  - Airport maintainer
- Aircraft Maintenance
  - Technician

# Electrical Engineering

## Vocational Qualification in

- Electrical and Automation Engineering
  - Automation Assembler
  - Electrician
- Information and telecommunications technology
  - Electronics Assembler
  - ICT Technician
- Safety and Security
  - Security Officer





[www.varia.fi](http://www.varia.fi)



Ammattiopisto Varia



VantaanVaria



Vantaanvaria



Internationalvaria



VantaanVaria

