IO2 C-STEP 2 'Future jobs'
Fact sheet for lecturers: Unit 3 "Upcoming trends"

Objectives and learning contents

The session will be focused on the new jobs and competencies which characterize the new world of work. In particular, topics such new business models and new approaches for emerging markets, new professions and working condition, new job and skill demands and the most emerging and declining occupations and skills.

Furthermore, the unit focuses on new technologies and industries they will influence, the new technologies that will have an influence on the way of working in this 4th industrial revolution and influence of the virtual technologies in their daily job as career counsellors.

Overview of the learning contents in Unit 3:
1. New jobs and skills
2. New technologies and industries they will influence
3. Virtual study visit - "Hirschtec - Agency for digital workplace"
4. The Influence of Digitalization on Career Guidance

By focusing on the above mentioned contents Unit 3 aims to meet the following **learning outcomes:**
- Identify new jobs and competencies which characterize the new world of work.
- Analyse new business models and new approaches for emerging markets and identify new job and skill demands
- To know new technologies and ways of counselling in view of the new trends in the labour market and potential impact on employment demographics

Material for use

- Didactical framework, Unit descriptions and List of additional material and resources (OUTPUTS – Academiaplus)

- List of learning material and resources (all materials can be found on Academia+ Moodle platform)

- >>> AGENDA 16th March, 2021
- Speaker 1
  - o   1. Presentation: Digitization_Effects on employment and competencies
  - o   3. Results of the working group: Flinga_group session
  - o   3. Additional material: Chat discussion
- Speaker 2
  - o   1. Presentation: AI in the Recruitment Sector, and Jobs of the Future
  - o   2. Additional material: Chat comments
  - o   3. Recording
- Speaker 3

- o 📄 [1. Presentation: HIRSCHTEC -Agency for digital workplace](#)
- o 📄 [2. Work material: Link to the video](#)
- o 📄 [3. Additional material: Chat during virtual study visit](#)
- Speaker 4
  - o 📄 [1. Presentation: Digitalization and Career Guidance and Counselling](#)
  - o 📄 [2. Additional material: Chat from session](#)
- Additional material
  - o 📄 [1. Big Data in Smart Farming – A review](#)
  - o 📄 [2. Big Data technologies: A survey](#)
  - o 📄 [3. Advancements, prospects, and impacts of automated driving](#)
  - o 📄 [4. Lessons learned from supplementing archaeological museum](#)
  - o 📄 [5. A systematic review of Virtual Reality in education](#)

Preparation work

It is important for a good start to the training, whether it takes place in presence or online, to consider some preparation steps in order to make the Unit a success:

- To do a technical test with participants and lecturers in advance is highly recommend
- To have enough time for getting to know each other (participants and lecturer/-s)
  - To start the training with a brief introduction by the lecturer about him/her professional profile, institution, lines of research, etc., in order to get closer to the group
  - To ask for volunteers/participants to introduce themselves (name, institution and what they would like to learn) depending on the size of the group
- Lecturer explains the agenda for the day and get a first overview about the schedule for the session
- Lecturer presents a few brief indications and establishes some rules for the session (especially for an online training with many participants, some specific rules of conduct can structure the session and thus contributes to the success):
  - It is recommended to mute/ turn off all the microphones while the speaker is talking (otherwise, the connection will deteriorate, background noise and any interference will cause anxiety and poor understanding)
  - Depending on the number of participants, it is also necessary to turn off the video signal while the speaker is presenting. More video signals means more data consumption, which may affect the quality of the conference. In small groups or for group work and discussions in several groups it is useful to switch on the video signal.
  - While using the common platforms (Zoom, MS Teams, etc.) there are two different options for asking questions while an input session. On the one hand, it is possible to use the chat. It is very helpful to collect and channel the questions during a longer input session. The questions asked in the chat can then be answered in special Q&A sessions. On the other hand, Zoom and MS Teams provide different actions for

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participants who want to say or ask something. Participants can raise their hand symbol when they have a question or want to say something. The little hand will then pop up at the speakers desktop so he/she knows that someone wants to say something.

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