



ITU Centres of Excellence Network for Europe
National Institute of Telecommunications
Online Training Course on
Legal Aspects of Artificial Intelligence
in business, household and public sector
7 – 14 December 2020

COURSE OUTLINE

COURSE DESCRIPTION

Title	Legal Aspects of Artificial Intelligence in business, household and public sector
Objectives	The subject matter of this stationary workshop is the discussion of legal framework applicable to Artificial Intelligence with international focus. By discussing the application of Artificial Intelligence, various types of Artificial Agents in many spheres of life will be considered, including: business activity, household, and the public sector. During the workshop different definitions of Artificial Intelligence will be considered and discussed from a legal point of view. The workshop will also encompass liability issues connected with the use of Artificial Intelligence, including robots. Various concepts of liability will be assessed. During the workshop various examples of the application of Artificial Intelligence will be included. In addition, recommendations for future legislation will be presented and analysed. At the outset of the workshop a knowledge test will be conducted.
Dates	7-14 December 2020
Duration	8 days
Registration deadline	7 December 2020
Training fees	USD 150
Course code	20OI24838EUR-E

LEARNING OUTCOMES

At the end of the training, the participant should have gained an understanding of the key aspects of:

- Basics of artificial intelligence
- Machine learning and algorithms of artificial intelligence
- Autonomy of an artificial agent
- Legal framework for the assessment of legal status of artificial agents
- Legal approach to robots as products
- Legal approach to artificial agents as animals
- Legal approach to artificial agents as natural persons and legal persons
- The concept of liability of artificial agents
- Artificial intelligence and personal data protection
- Prospective legal concepts of artificial intelligence

TARGET POPULATION

The target group of this workshop include representatives of regulatory bodies, dealing specifically with Artificial Intelligence issues, but also with consumer protection issues, cyber security issues, data protection issues.

TUTORS/INSTRUCTORS

NAME OF TUTOR(S)/INSTRUCTOR(S)	CONTACT DETAILS
Dr Andrzej Krasuski	akrasuski@akrasuski.com

EVALUATION

On the last day of the course a quiz test will be assigned. It will consist of 20 questions (multiple choice) which should be solved in a time frame of 90 minutes, with at least 12 correct answers (60%).

The course evaluation for obtaining the certificate at the end is based primarily on the results from the Quiz, however, replies to the raised discussion topics may also be considered in the evaluation process

TRAINING SCHEDULE AND CONTENTS

There are in total eight days, from which first 5 days (7 – 11 December 2020) there will be given recorded video lectures, 2 per day, five days in total and that gives the total of 10 video lectures in this course. The lectures are on the following subjects:

Lecture	Subject
Lecture 1	Mankind towards artificial intelligence
Lecture 2	Machine learning and algorithms of artificial intelligence
Lecture 3	Autonomy of an artificial agent
Lecture 4	Legal framework for the assessment of legal status of artificial agents
Lecture 5	Legal approach to robots as products
Lecture 6	Legal approach to artificial agents as animals
Lecture 7	Legal approach to artificial agents as natural persons and legal persons
Lecture 8	The concept of liability of artificial agents
Lecture 9	Artificial intelligence and personal data protection
Lecture 10	Prospective legal concepts of artificial intelligence

The course has a blended mode of a course, which means that there are live talks at face-to-face course, which are well recorded, production is carried by the NIT (National Institute of Telecommunication), Warsaw, Poland. While typical face-to-face courses last two full days, typical elearning (with reading materials, not video lectures) last four weeks, the blended mode lasts 8 days, which provides feeling as in face-to-face lectures, but at the time suitable for each participant, which gives flexibility and commodity provided by elearning courses via the ITU Academy platform.

The course begins on Monday, and ends next Monday.

Each working day there will be posted a discussion topic before noon (according to the GMT+1 time) by the course tutor (posted in Forum) and they are intended to point to the participants the main subject covered in the video lectures on the given day.

Participants could also raise their own discussion topic thread on the appropriate place for it that is "General discussions" forum.

At the end of each day, from Monday to Friday, I will give a summary of the day on the raised daily Forum topics.

All course news and announcement will be given in the News Forum on the cover page of the course.

Days	Activity	Exercises and interactions
Day 1	Learning	Watching and listening to video lectures 1 and 2. Answering on questions asked by the tutor, and possibility to ask questions to him via course forum.
Day 2	Learning	Watching and listening to video lectures 3 and 4. Answering on questions asked by the tutor, and possibility to ask questions to him via course forum.
Day 3	Learning	Watching and listening to video lectures 5 and 6. Answering on questions asked by the tutor, and possibility to ask questions to him via course forum.
Day 4	Learning	Watching and listening to video lectures 7 and 8. Answering on questions asked by the tutor, and possibility to ask questions to him via course forum.
Day 5	Learning	Watching and listening to video lectures 9 and 10. Answering on questions asked by the tutor, and possibility to ask questions to him via course forum.
Day 6-7	Consolidation of knowledge	Possibility to watch all video lectures one again with possibility to ask questions to the tutor.
Day 8	Solving the Final Quiz	Solving the Final Quiz.

METHODOLOGY

The course methodology will be as follows:

- Each day from 7 to 11 December 2020 there will be made available two recorded video lectures, which are recorded in the face-to-face ITU Centre of Excellence workshop organised by National Institute of Telecommunications in Poland. In total there are 10 video lectures during the course.
- Discussion forum will be organized based on discussion topics given on a daily basis, where students are highly encouraged to participate and interact with instructors and other students.
- Quiz test will be assigned on the last day of the course, 14 December 2020.
- All announcements for all events (lectures, quiz and forum) will be given in a timely manner (prior to the event) by the course tutor.

COURSE COORDINATION

Course coordinator: Name: Sylwester Laskowski Email address: S.Laskowski@il-pib.pl	ITU coordinator: Name: Jaroslaw Ponder Email address: jaroslaw.ponder@itu.int
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REGISTRATION AND PAYMENT

ITU Academy portal account

Registration and payment should be made online at the ITU Academy portal.

To be able to register for the course you **MUST** first create an account in the ITU Academy portal at the following address:

<https://academy.itu.int/index.php/user/register>.

Course registration

When you have an existing account or created a new account, you can register for the course online at the following link: <https://academy.itu.int/training-courses/full-catalogue/legal-aspects-artificial-intelligence-business-household-and-public-sector>

You can also register by finding your desired course in our training catalogue <https://academy.itu.int/index.php/training-courses/full-catalogue>.

Payment

1. On-line payment

A training fee of USD 150 per participant is applied for this training. Payment should be made via the online system using the link mentioned above for training registration <https://academy.itu.int/training-courses/full-catalogue/legal-aspects-artificial-intelligence-business-household-and-public-sector>

2. Payment by bank transfer

Where it is not possible to make payment via the online system, select the option for offline payment to generate an invoice using the same link as above. Download the invoice to make a bank transfer to the ITU bank account shown below. Then send the proof of payment/copy of bank transfer slip and the invoice copy to Hcbmail@itu.int and copy the course coordinator. **All bank transaction fees must be borne by the payer.**

Failure to submit the above documents may result in the applicant not being registered for the training.

3. Group payment

Should you wish to pay for more than one participant using bank transfer and need one invoice for all of them, create an account as **Institutional Contact**. **Institutional Contacts** are users that represent an organization. Any student can request to be an institutional contact or to belong to any existing organization.

To do this, head to your profile page by clicking on the **“My account”** button in the user menu. At the bottom of this page you should see two buttons:

- a. If you want to **become an institutional contact**, click on the **“Apply to be an Institutional Contact”** button. This will redirect you to a small form that will ask for the organization name. After you fill the name of the organization you want to represent, click on **“continue”** and a request will be created. An ITU Academy manager will manually review this request and accept or deny it accordingly.
- b. If you want to **belong to an existing organization**, click on the **“Request to belong to an Institutional Contact”** button. This will redirect you to a small form that will ask you to select the organization you want to join from an organization list. After you select the correct organization, click on **“continue”**, a request will then be created.

The Institutional Contact that represents that organization will manually accept or deny your request to join the organization.

ITU BANK ACCOUNT DETAILS:

Name and Address of Bank:	UBS Switzerland AG Case postale 2600 CH 1211 Geneva 2 Switzerland
Beneficiary:	Union Internationale des Télécommunications
Account number:	240-C8108252.2 (USD)
Swift:	UBSWCHZH80A
IBAN	CH54 0024 0240 C810 8252 2
Amount:	USD 150
Payment Reference:	CoE-EUR 24838 – P.40595.1.04

4. Other method of payment

If due to national regulations, there are restrictions that do not allow for payment to be made using options 1 & 2 above, please contact the ITU coordinator for further assistance.

CERTIFICATES

Each fully registered participant who will successfully complete the course, based on the evaluation, will receive an ITU Certificate after the course.