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Course : Mastering the new legal challenges of digital technology: challenges and prospects

Synthesis course - 2d - 14h00 - Ref. DNU
Price : 2020 CHF E.T.

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On completion of this course, you will be able to navigate the complex world of digital law with ease. You will develop solid expertise in identifying and analyzing the legal challenges posed by emerging technologies. Finally, you will be able to propose legal solutions adapted to current and future digital issues, demonstrating your ability to anticipate and support digital transformations.

Teaching objectives

At the end of the training, the participant will be able to:

- Master the fundamentals of IT and electronic communications law
- Analyze legal issues related to emerging technologies
- Assessing the impact of technological developments on law and society
- Acquire a global vision of the legal challenges of digital technology and propose innovative solutions

Intended audience

Company directors, CFOs, lawyers, business managers, project managers, controllers, IT managers, consultants, auditors, IT specialists.

Prerequisites

No

Practical details

Hands-on work

Presentation, discussion and summary

Course schedule

PARTICIPANTS

Company directors, CFOs, lawyers, business managers, project managers, controllers, IT managers, consultants, auditors, IT specialists.

PREREQUISITES

No

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

1 The fundamentals of digital law

- Introduction to computer and electronic communications law: key concepts, sources of law, historical developments.
- The General Data Protection Regulation (GDPR): fundamental principles, obligations of data controllers, rights of data subjects, sanctions.
- Intellectual property in the digital world: copyright, trademarks, patents, trade secrets, open source.
- Digital contracts: formation, content, performance, contractual liability.
- Cybercrime: offences, prevention, incident response, corporate liability in the event of a cyberattack.

2 The legal challenges of artificial intelligence

- Definition and typology of artificial intelligence: automatic learning, deep learning, generative AI.
- Legal issues specific to AI: civil liability, intellectual property, algorithmic discrimination, transparency.
- AI ethics: ethical principles, algorithmic biases, AI governance.
- AI regulation: state of play and outlook.

3 The evolution of cybercrime: new strategic challenges

- Introduction to cybercrime: definition, typologies and impact of digitalization.
- New players and motivations: hackers, organized groups, cyberterrorism.
- Technological developments and cybercrime: IoT, AI, cryptocurrencies and blockchain.
- Large-scale cyberattacks: case studies, geopolitical and economic issues.
- Legal responses and challenges: international regulation, cybersecurity and fundamental rights.

4 The legal challenges of blockchain and cryptocurrencies

- Blockchain technology: how it works, applications, benefits and limitations.
- Cryptocurrencies: definition, regulation, taxation.
- Smart contracts: legal nature, challenges.
- ICOs: legal framework, risks.

5 The legal challenges of metaverses and virtual reality

- Metavers: definition, components, applications.
- Virtual and augmented reality: technologies and uses.
- Specific legal issues: intellectual property in virtual universes, civil liability, consumer protection.

6 Outlook and trends

- New emerging technologies: quantum computing.
- Developments in digital law: new regulations, the ethical challenges of digital technology.
- Future challenges: digital sovereignty, AI ethics, CSR and the law.

TEACHING AIDS AND TECHNICAL RESOURCES

• The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
• At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
• A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

Dates and locations

REMOTE CLASS

2026 : 26 Mar., 4 June, 17 Sep., 8 Dec.