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AR & VR



COMPUTER-AIDED DESIGN (CAD) FOR BEGINNERS: START DESIGNING YOUR OWN PARTS (3D FILES)

Join our introductory CAD course using Onshape, where you'll learn to create practical, functional parts. This program serves as an excellent extension to our 3D printing course, providing the skills needed to design your own parts. You'll gain proficiency in designing parts by interpreting drawings, working with existing components, and creating entirely original designs from scratch. We selected Onshape, a cloud-based 3D design tool, for its free non-commercial use. Transitioning to Fusion 360, SolidWorks or another Parametric Feature-Based CAD later is seamless. This CAD course suits hobbyists, teachers, or employees looking to swiftly apply their new skills to 3D printing, CNC milling, or laser cutting.

[View online](#)

Price: 60,00 €

Start date: 09.12.2024

Instructor(s): SCHON Michel

Language: English

Difficulty: Beginner



INTRODUCTION TO 3D SCANNING: A BEGINNER'S GUIDE

Discover the world of 3D scanning with our comprehensive training program aimed at beginners. This experience is designed to provide participants with an in-depth understanding of 3D scanning, covering everything from fundamental concepts to advanced applications.

Through engaging sessions, participants will learn how to prepare for 3D scanning, choosing the right techniques, and executing scans effectively. Practical examples in alignment, merging and post-processing of scans will be shown, ensuring participants understand how to generate high-quality 3D models.

Furthermore, the training will explore the advanced realms of reverse engineering. Stay ahead of the curve by gaining insights into future trends in 3D scanning.

This course is tailored for a diverse audience, including hobbyists, teachers, and civil or mechanical engineers. While addressing the interests of various

participants, the main focus will center on applications relevant to mechanical engineering, providing valuable insights and skills for professionals in this field.

[View online](#)

Price: 16,00 €

Start date: 25.11.2024

Instructor(s): PIROTTE Jérôme

Language: English

Difficulty: Beginner

CODING



ADVANCED INDUSTRIAL ROBOTICS

Unlock advanced industrial robotics expertise with our Advanced Industrial Robotics course. For those with a foundational understanding of robotics, this course dives into advanced programming techniques, special operating methods, and practical industrial applications.

This advanced course builds on your foundational knowledge, focusing primarily on Python programming to control and automate industrial robots. You will explore sophisticated techniques and applications, gaining insights into cutting-edge robotics technology and its integration into modern industries. The course also emphasizes personal branding and career development in the field of robotics, providing you with the tools to present yourself as a valuable asset to potential employers.

[View online](#)

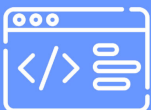
Price: 96,00 €

Start date: 04.12.2024

Instructor(s): ABDOELLAH Adam

Language: English

Difficulty: Advanced



BEGINNER-FRIENDLY LOW-CODE/NO-CODE FULL STACK DEVELOPMENT WITH OUTSYSTEMS

The Beginner-Friendly Low-Code/No-Code Full Stack Development with OutSystems course is an immersive and comprehensive training program tailored for beginners. This course equips participants with the necessary skills and knowledge to develop full stack web applications using the OutSystems platform. This course addresses the growing need for efficient and agile solutions in today's fast-paced digital landscape by providing a deep dive into full stack development. Participants will gain hands-on experience leveraging the OutSystems platform to develop robust and scalable application. The primary aim is to empower developers with the skills and expertise needed to effectively use the OutSystems platform. By the end of the course, participants will be able to design, develop, and deploy full stack web applications. Adopting a practical and interactive approach, the course combines theoretical instruction with hands-on exercises, allowing participants to apply their learning in real-world scenarios. Collaborative discussions with instructors and peers further enhance the learning experience. Overall, the

Beginner-Friendly Low-Code/No-Code Full Stack Development with OutSystems course offers a valuable learning opportunity for those looking to enhance their expertise in web development and leverage the capabilities of the OutSystems platform to build modern, responsive web applications.

[View online](#)

Price: 160,00 €

Start date: 04.11.2024

Instructor(s): Siyaul Haqu Ebrahim Kunju Madeera

Language: English

Difficulty: Beginner



DEEP DIVE INTO JAVASCRIPT DATA MANIPULATION

This course provides an in-depth exploration of data manipulation using JavaScript, designed for beginners who have a basic understanding of JavaScript syntax and programming concepts. Participants will learn to efficiently manage and manipulate data structures such as arrays, objects, and JSON, leveraging the power of JavaScript to create dynamic and interactive web applications.

[View online](#)

Price: 112,00 €

Start date: 25.11.2024

Instructor(s): Ayed Nizar

Language: English

Difficulty: Intermediate



DESIGN SPRINT: CREATE AND TEST A FIGMA PROTOTYPE IN JUST 5 DAYS

Get to know the 5-day design sprint process to tackle your most pressing business challenges! This course will guide you through the fundamentals of design sprints, exploring various types and their applications. You will learn how to effectively prepare and facilitate design thinking workshops, equipping you with the skills needed to drive innovation and problem-solving within your organization.

[View online](#)

Price: 160,00 €

Start date: 04.11.2024

Instructor(s): LAHEURTE AMELIE

Language: English

Difficulty: Beginner



DIGITAL ENTREPRENEURSHIP 101

This course aims to help participants with their tech entrepreneurial journey and give them insights and advice on how to start their projects. The first part of the session is a lecture full of information and the second part will serve as practice.

[View online](#)

Price: 24,00 €

Start date: 15.10.2024

Instructor(s): ANDRIEU Marina

Language: English

Difficulty: Beginner



FOUNDATIONS OF DJANGO WEB DEVELOPMENT

The "Foundations of Django Web Development" is a 21-hour course aimed at teaching Django's fundamentals, tailored by industry experts for aspiring web developers.

In the dynamic and fast-paced world of web development, Django, a high-level Python web framework, has become a cornerstone technology, powering a wide array of modern web applications and platforms. This meticulously designed 21-hour course is tailored for those who aspire to excel in the field of web development using Django. It offers a comprehensive learning experience, honed by industry experts, to meet the growing demand for skilled Django developers.

[View online](#)

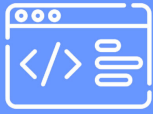
Price: 84,00 €

Start date: 21.10.2024

Instructor(s): FERNS David

Language: English

Difficulty: Intermediate



FROM CODE TO MOTION: COMBINING ROBOTICS AND CODING FOR INDUSTRIAL AUTOMATION

Discover the fascinating world of industrial robotics with comprehensive training program. Designed for beginners, this training will provide you with a solid introduction to robotics and equip you with essential skills to thrive in this field.

Throughout the course, you will delve into key elements of robotics, starting with an in-depth exploration of the fundamental principles that underpin this cutting-edge technology. From there, you will progress to robotics programming, where you will learn to program robots using a variety of languages, including Teach & Play, Blockly, and introductory Python.

The course goes beyond theory by emphasizing practical applications of robotics. You will gain insights into real-world scenarios where robots are utilized across different industries and sectors. Additionally, you will have hands-on experience working with dobot robots, enabling you to develop and program robots to perform specific tasks in both manual and autonomous modes.

Collaboration is a vital aspect of our workshop, as you will engage with fellow participants to complete a final project that showcases your understanding of robotics and programming concepts. By the end of the course, you will have acquired a solid foundation in robotics, mastered programming techniques, and developed critical thinking skills applicable to real-life situations.

Don't miss this opportunity to unlock your potential in the exciting field of industrial robotics. Enroll today and embark on a transformative learning journey that will broaden your horizons and open doors to endless possibilities.

[View online](#)

Price: 160,00 €

Start date: 04.11.2024

Instructor(s): ABDOELLAH Adam

Language: English

Difficulty: Beginner



GITLAB MASTERY: FROM BASICS TO ADVANCED CI/CD

This intensive GitLab course takes participants on a journey from basic version control concepts to advanced CI/CD implementations. Participants will gain hands-on experience with GitLab's powerful features, learning to streamline their development workflow, collaborate effectively, and automate their deployment processes.

[View online](#)

Price: 160,00 €

Start date: 09.12.2024

Instructor(s): MISSOH KWAKOU ABAILI

Language: English

Difficulty: Intermediate



GREEN IT – FUNDAMENTALS

Digital technologies have experienced exponential growth for over 20 years. While they have contributed to major societal advancements and created opportunities for economic players, they also face growing environmental and social impact challenges. To meet the ever-increasing demand more sustainably, IT professionals must address these issues. First, they need to understand the sources and factors of these impacts. Then, they should adopt a life-cycle thinking approach to enhance their creativity and support the design and deployment of more sustainable digital solutions in the coming years.

[View online](#)

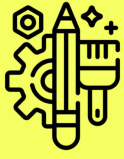
Price: 32,00 €

Start date: 11.12.2024

Instructor(s): DERREUMAUX Auban

Language: English

Difficulty: Beginner



HOW TO IMPLEMENT A DESIGN SYSTEM IN YOUR ORGANISATION ?

In this course you will get know what a design system is and why you should use it. You will also learn how to assess the maturity of your services, understand the necessary interactions between teams, and be able to support the implementation of a design system project step-by-step.

[View online](#)

Price: 160,00 €

Start date: 02.12.2024

Instructor(s): LAHEURTE AMELIE, GRILL DYLAN

Language: English

Difficulty: Intermediate



HOW TO USE WEB SERVICES WITH JAVASCRIPT

Imagine you would like to get information about a country and use these data on your website. How would you do that?

Where would you get the data from? The solution is easy!

Nowadays, you address an open online database via a web service to retrieve the information that is publicly available.

This course provides you with an overview of a “service-oriented architecture”. After a brief introduction to Javascript, you learn how to send requests to a web service, how to retrieve information and how to display them in a browser. Learners will gain hands-on experience in utilizing JavaScript to interact with web services.

Although this course is not a typical Javascript class, it summarizes basic structures and instructions and introduces you to the basic concepts of reading JSON files. Therefore, programming knowledge is not a prerequisite as such.

[View online](#)

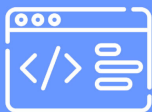
Price: 64,00 €

Start date: 02.11.2024

Instructor(s): Vanessa Al Daham

Language: English

Difficulty: Intermediate



INTRODUCTION À L'AUTOMATISATION DES TESTS

L'automatisation des tests logiciels est un objectif de plus en plus prédominant pour les projets IT, d'autant plus dans un contexte agile. La formation est l'occasion pour les participants de découvrir les avantages et les inconvénients ainsi que les limites et les contraintes de l'automatisation des tests fonctionnels ; ce qui leur permettra de disposer des moyens nécessaires et suffisants à la mise en œuvre d'une stratégie d'automatisation dans leurs futurs projets IT.

[View online](#)

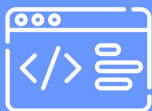
Price: 80,00 €

Start date: 31.10.2024

Instructor(s): Renaud Bournonville

Language: French

Difficulty: Beginner



INTRODUCTION À WORDPRESS

Cette formation de 2 jours est conçue pour les débutants souhaitant maîtriser les bases de WordPress. Les participants apprendront à installer et configurer WordPress, à créer et gérer du contenu, à personnaliser des thèmes, à installer et utiliser des plug-ins, et à sécuriser et maintenir leur site.

[View online](#)

Price: 48,00 €

Start date: 09.12.2024

Instructor(s): WEIRICH Apolline

Language: French

Difficulty: Beginner



INTRODUCTION TO FLASK WEB DEVELOPMENT WITH PYTHON

Unlock the Power of Web Development with Flask: A Comprehensive Training Program

Embark on a transformative journey into the world of web development with our Flask Web Development with Python course. This course is meticulously designed to cater to the evolving needs of the modern web development landscape. Whether you're an aspiring developer, part of an IT team, an entrepreneur, or a professional seeking to diversify your skills, this course is tailored for you.

Dive into Flask Web Development with our course! Master Python and Flask basics to build dynamic websites and applications efficiently.

[View online](#)

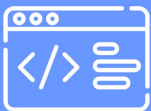
Price: 84,00 €

Start date: 08.10.2024

Instructor(s): FERNS David

Language: English

Difficulty: Intermediate



INTRODUCTION TO IMAGE PROCESSING

Image processing is a subset of computer science and electrical engineering that focuses on manipulating and enhancing images to extract information, improve visual appeal, or prepare them for computational tasks such as classification and object detection. Using algorithms and techniques, it transforms images to achieve desired outcomes, ranging from basic tasks like resizing and color adjustments to advanced operations like object detection, filtering, and segmentation. As an interdisciplinary field, image processing plays a pivotal role in various domains, including medical imaging, autonomous vehicles, satellite imagery analysis, and digital media.

[View online](#)

Price: 40,00 €

Start date: 04.11.2024

Instructor(s): Nina Hosseini-Kivanani

Language: English

Difficulty: Beginner



L'AUTOMATISATION DES TESTS D'INTERFACE GRAPHIQUE

Les tests automatisés de l'interface utilisateur Web sont un autre moyen de déplacer la validation de la qualité à gauche dans le flux de travail d'une équipe de développement. Comme pour tout processus automatisé, il doit s'exécuter sans surveillance humaine. Alors que d'autres outils implémentent l'automatisation dans des choses comme Pipelines CI / CD, Certains outils s'attaquent aux tests d'automatisation de l'interface utilisateur. C'est là que les tests sont effectués via un outil d'automatisation plutôt que de s'appuyer sur des tests manuels.

[View online](#)

Price: 80,00 €

Start date: 14.11.2024

Instructor(s): Renaud Bournonville

Language: French

Difficulty: Intermediate



MODÉLISATION D'UNE BASE DE DONNÉES

SGBD

Préparer les données

Redondances de données

Trancher les données à l'aide de la matrice des dépendances

Définir clé primaire et clé étrangère

Etablir un modèle conceptuel de données

Les relations

Les cardinalités

Modèle logique des données

Représentation virtuelle des données

Modèle physique des données

Formes normales

Contrainte d'intégrité fonctionnelle

Ce cours permet aux participants de trancher parmi les données pour construire un modèle physique de données qui sert de plan pour construire une base de données. Le but principal est d'éviter des redondances et de détecter des contraintes d'intégrité fonctionnelle afin d'éviter des problèmes de gestion des données.

Des exercices pratiques mènent les participants à bien assimiler les tranches de théorie de la matière traitée.

[View online](#)

Price: 36,00 €

Start date: 10.10.2024

Instructor(s): GNAD Christiane

Language: French

Difficulty: Beginner



MODULE 5 – PART 1: APPLICATION SECURITY – LEVEL 1 – INTRODUCTION TO SECURE CODING

As technology becomes increasingly ubiquitous in our daily lives, the need for secure applications becomes ever more important. This course is an introduction to application security for developers, covering a range of topics from common attacks and defences to secure coding principles and specific security controls.

This module introduces learners to the defensive side of Application Security. In this course, you'll learn the basics of web application architecture and the threat landscape. You'll explore common attacks, such as those on the OWASP Top 10 list, and discover defence mechanisms for mitigating these threats.

The principles and practices of secure coding will be highlighted, including the principle of least privilege and the importance of security testing during development. We'll also look at specific security controls, such as authentication, session management, authorization, input validation and output coding, error handling and logging, file system access, cryptography and defensive browser functions. A Review of secdevops principles will also be covered.

By the end of the course, you will have a fundamental understanding of application security and best practices for ensuring that the applications you develop are secure. This course assumes a basic understanding of web development principles and programming concepts, with prior experience in a programming language recommended.

[View online](#)

Price: 28,00 €

Start date: 19.11.2024

Instructor(s): PAIN Alexis

Language: English

Difficulty: Intermediate



MODULE 5 – PART 1: APPLICATION SECURITY – LEVEL 2 – ATTACKS AND DEFENSES IN ACTION

This module addresses different kinds of application vulnerabilities and different kinds of vulnerabilities specific to API and web services.

The module covers:

- Different types of vulnerabilities that are commonly present in applications
- How to detect them
- How to validate them
- How to fix them
- Different types of vulnerabilities that are commonly present in API
- How to detect them
- How to validate them

[View online](#)

Price: 28,00 €

Start date: 20.11.2024

Instructor(s): RIGHETTO Dominique

Language: English

Difficulty: Intermediate



MODULE 5 – PART 1: APPLICATION SECURITY – LEVEL 3 – INTRODUCTION TO APPLICATION SECURITY AUDITS

The objective of this training is to allow the students to discover the offensive side of the Application Security about Web Application and practice it during a lab and the offensive side of Mobile Application security and practice it during a lab.

During this training, the students will discover:

- What is a Web Application Vulnerability Assessment?
- The different steps of this kind of assessment;
- The methodology used to rate the security issues;
- The open referential that can be used to conduct an assessment.
- What is a Mobile Application Vulnerability Assessment?
- The different steps of this kind of assessment;

- The methodology used to rate the security issues;
- The open referential that can be used to conduct an assessment.

[View online](#)

Price: 28,00 €

Start date: 21.11.2024

Instructor(s): RIGHETTO Dominique

Language: English

Difficulty: Advanced



NO CODE WITH BUBBLE - ADVANCED

This is the third module of the No-Code Learning Track. This course is designed for those ready to take their application development skills to the next level. This comprehensive course dives deep into complex functionalities and sophisticated features aimed at creating powerful, dynamic web applications without writing a single line of code.

[View online](#)

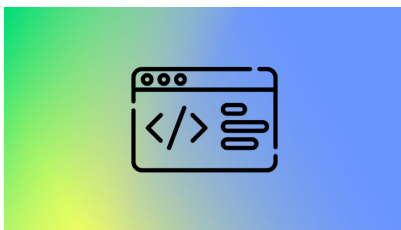
Price: 84,00 €

Start date: 04.11.2024

Instructor(s): AYED Nizar

Language: English

Difficulty: Advanced



NO-CODE

Discover and practice with new tools and development processes adapted to professionals with few or no digital skills for creating applications.

[View online](#)

Price: 252,00 €

Start date: 07.10.2024

Instructor(s): AYED Nizar

Language: English

Difficulty: Beginner



NO-CODE WITH BUBBLE - INTERMEDIARY

This is the second module of the No-code Learning Track, it will focus on the use of Bubble, one of the the most powerful no-code platform for creating digital products.

Embark on a transformative 21-hour journey with us through the rich landscape of Bubble.io, where crafting complex web interfaces becomes not just simple, but genuinely enjoyable. Over three days, you'll be welcomed into a hands-on learning environment that feels like a playground for aspiring no-code developers. Starting with friendly introductions to user authentication features like sign-up and login modules, we'll guide you, step by step, into mastering the art of elegant data management and setting up privacy measures. As we move forward, you'll learn to create data objects and optimize workflows. After, we will be exploring advanced UI elements, including engaging progress bars, user-friendly custom number inputs, and dynamic sliders. Join us, and unlock the true potential of Bubble.io in a way that's as fulfilling as it is educational.

[View online](#)

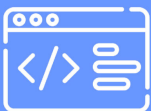
Price: 84,00 €

Start date: 14.10.2024

Instructor(s): AYED Nizar

Language: English

Difficulty: Intermediate



P2 - STRUCTURES COMPLEXES ET FONCTIONS

Pour aller plus loin dans la programmation, des structures complexes sont indispensables tel que liste, tuple, dictionnaire et set seront traités.

L'exploitation de ces structures est facilitée par une nouvelle structure de répétition tel que le for.

Des manipulations d'ajoute, de suppression et de modifications des éléments et des structures sont traitées.

Après l'exploitation des listes à une dimension, une exploitation à 2 dimensions est abordée, qui sera suivie par le thème de boucles imbriquées.

Le cours se termine par une introduction aux fonctions pour alléger le code du programme.

Des tranches de théories seront suivies par des exercices pratiques. Après chaque séance un travail à domicile facultatif est proposé et la théorie peut être révisée à travers des QCM.

[View online](#)

Price: 48,00 €

Start date: 01.10.2024

Instructor(s): GNAD Christiane

Language: French
Difficulty: Beginner



P3 – FONCTIONS, MODULES, BIBLIOTHÈQUES ET FICHIERS

Programmer des fonctions et rassembler ces fonctions dans des modules
Exporter une fonction dans un module
Inclure une fonction à partir d'un module dans le programme

Travailler avec des fichiers
Lire un fichier
Ecrire un fichier

Rédiger des fonctions est un atout dans la programmation ainsi que l'échange de données à travers des fichiers texte.

Des tranches de théories seront suivies par des exercices pratiques. Après chaque séance un travail à domicile facultatif est proposé et la théorie peut être révisée à travers des QCM.

[View online](#)

Price: 48,00 €

Start date: 05.11.2024

Instructor(s): GNAD Christiane

Language: French

Difficulty: Beginner



P4 – IMPLÉMENTER UNE BASE DE DONNÉES AVEC PYTHON ET MYSQL

Implémenter une base de données avec Python et Mysql.

L'utilisateur apprend à établir une connexion entre le programme et le serveur et à rédiger des instructions Python/Mysql pour construire une base de données.

Etablir des clés primaires et clés étrangères.

Gérer les contraintes référentielles.

Échange de données (injection, lecture) par l'intermédiaire de tuples ainsi que la suppression de données seront réalisés.

Ce cours permet de comprendre la mise en œuvre d'une base de données relationnelle, du modèle physique de données jusqu'à la réalisation et l'exploitation des tables.

Des tranches de théories seront suivies par des exercices pratiques. Après chaque séance un travail à domicile facultatif est proposé et la théorie peut

être révisée à travers des QCM.

[View online](#)

Price: 48,00 €

Start date: 03.12.2024

Instructor(s): GNAD Christiane

Language: French

Difficulty: Beginner



PYTHON – OBJECT ORIENTED PROGRAMMING AND DESKTOP APPLICATION CREATION

This course is ideal for anyone who already has a basic knowledge in Python coding and wants to learn how to develop high-level softwares using the world's most widely used programming language. The course will provide a comprehensive understanding of advanced tools and code structures in Python, reviewing functions, classes, databases and user interfaces. The aim of the course is to provide students with a better knowledge of coding with the Python language so that they are able to create professional software. The lesson will take place in an interactive and practical format, alternating between theory and exercises, where the students can apply their knowledge into practice. To maintain attention and a collaborative environment, there will be a final group project that will integrate everything that has been learned during the course.

[View online](#)

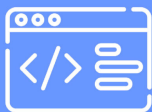
Price: 80,00 €

Start date: 25.11.2024

Instructor(s): GAGGERO Ana

Language: English

Difficulty: Intermediate



PYTHON MICROSERVICES

This course offers a comprehensive introduction to building and deploying microservices using Python. It is tailored for beginners with a basic understanding of Python programming who wish to learn about microservices architecture. Participants will gain practical experience in designing, implementing, and managing microservices, leveraging Python's versatility and powerful frameworks.

[View online](#)

Price: 84,00 €

Start date: 16.12.2024

Instructor(s): AYED Nizar

Language: English

Difficulty: Intermediate



SEO FOR WEB DEVELOPERS & FRONT-END DEVELOPERS

This training covers the essentials of SEO for web development practitioners and is aimed at raising awareness among developers about how they can better support content editors, web marketers (and all the job positions involved in the SEO process) by integrating the tools best suited to their tasks, including AI, which is playing a major role in SEO today.

[View online](#)

Price: 48,00 €

Start date: 05.12.2024

Instructor(s): Ludovic GIAMBIASI

Language: English

Difficulty: Beginner



SUSTAINABLE WEB DESIGN AND WEB DEVELOPMENT (GREEN IT)

Sustainable Web Design and Web Development are essential components of modern web practices, as they address the growing need to reduce the environmental impact of digital technology. With the internet's carbon footprint expanding rapidly, it is crucial for web professionals to adopt practices that minimize energy consumption, optimize performance, and decrease e-waste. By focusing on sustainability, we not only contribute to global climate goals but also create more efficient, user-friendly, and future-proof digital experiences. This course will equip learners with the necessary skills and knowledge to implement these practices, ensuring they can design and develop websites that are both innovative and environmentally responsible.

[View online](#)

Price: 84,00 €

Start date: 11.12.2024

Instructor(s): MOSHKIN Luiza

Language: English

Difficulty: Intermediate



TESTS D'UTILISABILITÉ ET D'EXPÉRIENCE UTILISATEUR (UX)

Les apprenants acquièrent une compréhension approfondie des tests d'utilisabilité et d'expérience utilisateur (UX) à l'aide de diverses méthodes, telles que les tests d'utilisabilité, les tests à distance, les analyses heuristiques, la réalisation d'enquêtes pour tester les produits numériques, c'est-à-dire des questionnaires standardisés sur l'utilisabilité et l'expérience utilisateur. Les apprenants acquièrent de l'expérience dans l'analyse des données d'utilisabilité et d'expérience utilisateur dérivées des tests et dans la création de rapports de test.

[View online](#)

Price: 80,00 €

Start date: 12.12.2024

Instructor(s): Renaud Bournonville

Language: French

Difficulty: Intermediate



TOUR D'HORIZON DES OUTILS DE SUPPORT AUX TESTS

Ce programme de formation offre une introduction complète aux outils de support aux tests et permet aux participants de mieux comprendre comment ces outils peuvent être utilisés pour améliorer la qualité des logiciels tout au long du processus de développement. Des sessions pratiques et des études de cas garantissent une expérience d'apprentissage interactive et enrichissante.

[View online](#)

Price: 80,00 €

Start date: 17.10.2024

Instructor(s): Renaud Bournonville

Language: French

Difficulty: Beginner

CYBERSECURITY



ADVANCED DNSSEC INFRASTRUCTURE

Domain Name System Security Extensions (DNSSEC) adds origin authentication and integrity protection to the protocol by signing DNS data. However the ratio of signed domain names remains low, mostly because, as any security feature, DNSSEC brings some risks when implemented without a proper understanding.

This course targets IT students, professionals or enthusiasts currently managing domain names and potentially already signing their DNS zones. It will give them a hands-on experience of reliably operating DNSSEC zone signature in a more reliable and advanced infrastructure.

[View online](#)

Price: 28,00 €

Start date: 13.12.2024

Instructor(s): Dr. HERBIET Guillaume-Jean

Language: English

Difficulty: Advanced



CYBERSÉCURITÉ : DÉMYSTIFICATION, OPPORTUNITÉS ET DÉFIS POUR UNE CARRIÈRE D'AVENIR

Le monde d'aujourd'hui offre de vastes opportunités professionnelles et business, mais expose également de nombreux faiblesses pouvant être exploitées par des personnes malveillantes. La cybersécurité est désormais reconnue comme une préoccupation majeure des conseils d'administration des entreprises. L'image stéréotypée d'un geek avec un sweat noir à capuche et tapant à toute vitesse sur son clavier avec des gants noirs ne reflète pas toute l'étendue offerte par cybersécurité : il s'agit d'un domaine offrant un grand nombre d'opportunités qui vont bien au-delà de ces stéréotypes.

Si vous souhaitez contribuer à rendre Internet plus sûr et donc par effet de rebond à améliorer la sécurité de la Société ; si vous êtes intéressé à travailler dans un domaine en constante évolution ; si vous recherchez une formation continue avec une certitude de débouché ; une carrière dans le secteur de la cybersécurité vous apportera tout cela, et bien plus encore.

Cette formation démystifiera la cybersécurité, en explorant l'étendue de ses sujets et des opportunités de carrière. Nous approfondirons les défis et les opportunités offertes sur le marché, nous parlerons de gestion de crise, de stratégies efficaces et des opportunités émergentes, ainsi que la préparation aux entretiens pour les postes de cybersécurité.

[View online](#)

Price: 12,00 €

Start date: 26.11.2024

Instructor(s): Cédric MAUNY

Language: French

Difficulty: Beginner

CYBERSECURITY AWARENESS AND THE PSYCHOLOGY BEHIND IT

This course delves into the critical role of human behavior in cybersecurity, exploring the psychological factors that influence how individuals interact with technology and respond to cyber threats. Through a blend of theoretical knowledge and practical applications, participants will gain an understanding of common cybersecurity threats, such as phishing and social engineering, while also examining the cognitive biases and psychological triggers that make these threats effective. Key topics include the psychology of decision-making under uncertainty, the impact of social influence on security practices, and strategies for fostering a security-first mindset in both personal and organizational contexts.

[View online](#)

Price: 20,00 €

Start date: 13.12.2024

Instructor(s): RAMADAN Omar

Language: English

Difficulty: Beginner





ETHICAL HACKING WITH ZENMAP: ESSENTIAL NETWORK SCANNING TECHNIQUES FOR ETHICAL HACKERS

This course is aimed at intermediate and advanced practitioners, and provides a comprehensive overview of one of the key phases in ethical hacking: network scanning, which is essential for gathering information about a target, such as a website or an organization's network. The course specifically focuses on Zenmap, the graphical user interface (GUI) version of Nmap, a powerful network scanning tool.

During this course, learners will gain a deep understanding of Zenmap's features and learn how to apply them in practical situations. They will explore how Zenmap operates within the OSI model, and gain the skills to set up and launch their own network scanning lab. Additionally, learners will analyze and apply various host discovery methods, port scanning techniques, and Zenmap's timing and scripting functionalities in real-world scenarios. This course equips learners with the knowledge and skills needed to effectively use Zenmap for network scanning tasks in ethical hacking.

[View online](#)

Price: 60,00 €

Start date: 25.10.2024

Instructor(s): ADAVOUDI Amir

Language: English

Difficulty: Intermediate



INTRODUCTION À LA CYBERSÉCURITÉ

Les technologies digitales et l'internet sont devenus indispensables dans la vie quotidienne.

De ce fait les attaques sur les systèmes d'information accroissent de jour en jour. Il est donc indispensable de connaître les méthodes et techniques des attaquants afin d'éviter des conséquences néfastes au niveau professionnel et privé.

Ce cours offre une vue globale sur les systèmes d'informations et prépare les participants aux problèmes qui peuvent survenir dans le quotidien.

Le cours présente un échange constant entre le formateur et les participants. La théorie est illustrée par des petites séquences vidéo qui amènent les participants à réfléchir et qui sera base de discussion pour trouver des solutions pour contourner l'attaque.

[View online](#)

Price: 36,00 €

Start date: 07.11.2024

Instructor(s): GNAD Christiane

Language: French

Difficulty: Beginner

INTRODUCTION TO THE DOMAIN NAME SYSTEM

This course proposes an introduction to the DNS, aimed at IT students, professionals or enthusiasts wishing to understand how the DNS works and administer their own domain name(s) and aims at giving them sound theoretical basis and a concrete hands-on experience to embrace best practices and avoid caveats in operation. It may also be suitable for people curious about the functioning of domain names on the Internet.

[View online](#)

Price: 28,00 €

Start date: 15.11.2024

Instructor(s): Dr. HERBIET Guillaume-Jean

Language: English

Difficulty: Beginner



LEARNING TRACK - CYBERSECURITY ESSENTIALS

The learning track aims to develop participants' skills and knowledge of system and network administration in a cybersecurity context, including understanding the principles of system and network administration and learning methods to prevent and mitigate cyber attacks.

[View online](#)

Price: 528,00 €

Start date: 04.11.2024

Instructor(s): BRANDENBURGER Sharif, HOARAU Frédéric, JUNG Paul, MIESCH Olivier, PAIN Alexis, RIGHETTO Dominique

Language: English

Difficulty: Intermediate



MICROSOFT SECURITY, COMPLIANCE, AND IDENTITY FUNDAMENTALS

Ce cours fournit des connaissances de base sur les concepts de sécurité, de conformité et d'identité, ainsi que sur les solutions Microsoft basées sur le cloud qui s'y rapportent.

Le support de cours et l'environnement des labs est en anglais.

[View online](#)

Price: 28,00 €

Start date: 09.12.2024

Instructor(s): Microsoft Certified Trainer Xavier NIX

Language: French

Difficulty: Beginner



MODULE 2: NETWORK AND SECURITY – ADVANCED LEVEL

The second module in this Learning track extends from Module 1 and will focus on IT security operations within an enterprise corporate environment. This includes:

- Applications and services security, such as web applications, emails, databases, networks, WIFI, and authentication.
- Information systems security, vulnerability management
- Ethical hacking techniques and penetration testing
- Security incident management
- Incident response principles
- End-of-course project and preparation for SSCP or CompTIA Security+ certification

In covering daily operations, we will also address governance and best practices. The module provides for applying the acquired skills, validating learned knowledge and preparing for the certificates.

To successfully complete this module, it is strongly recommended to have completed [Module 1: Network and security – Introductory level](#) of this learning track.

[View online](#)

Price: 140,00 €

Start date: 11.11.2024
Instructor(s): Frédéric HOARAU
Language: English
Difficulty: Intermediate



MODULE 3: SECURITY INCIDENT MANAGEMENT

Preparing for incident management is essential in today's environment. This module includes:

- Principles of an incident
- The life cycle of a vulnerability
- Log management strategy
- Setting up detection systems
- Backup strategy

Learners will learn about the different stages of an incident, and how to prepare for them, including setting up a detection and response strategy, analysing logs, and managing backups. Questions answered in this module are: What is a vulnerability and its lifecycle? What is an incident, how to prevent it or detect it at early stage? What are the detections mechanisms and how to set them up? Why and how do we backup data? The outcome of completing this module successfully is to have the knowledge and skills to ensure the necessary defences and logs are in place before the incident occurs.

[View online](#)

Price: 12,00 €
Start date: 18.11.2024
Instructor(s): MIESCH Olivier
Language: English
Difficulty: Intermediate



MODULE 4: INCIDENT RESPONSE PRINCIPLE

The course will focus on understanding an incident lifecycle and to review for each step the preparation, handling and technical objectives of each phase.

Managing an incident happens during stressful moments for IT operations. Preparation and processes are mandatory to be able to handle such situation. Therefore, we will focus on understanding an incident lifecycle and to review for each step the preparation, handling and technical objectives of each phase.

This is a short, theoretical module, in which you will learn about the different stages of an incident, and how to prepare for them, including setting up a detection and response strategy, analysing logs, and managing backups.

[View online](#)

Price: 12,00 €

Start date: 18.11.2024

Instructor(s): Paul JUNG

Language: English

Difficulty: Intermediate



MODULE 5 - PART 1: APPLICATION SECURITY - LEVEL 1 - INTRODUCTION TO SECURE CODING

As technology becomes increasingly ubiquitous in our daily lives, the need for secure applications becomes ever more important. This course is an introduction to application security for developers, covering a range of topics from common attacks and defences to secure coding principles and specific security controls.

This module introduces learners to the defensive side of Application Security. In this course, you'll learn the basics of web application architecture and the threat landscape. You'll explore common attacks, such as those on the OWASP Top 10 list, and discover defence mechanisms for mitigating these threats.

The principles and practices of secure coding will be highlighted, including the principle of least privilege and the importance of security testing during development. We'll also look at specific security controls, such as authentication, session management, authorization, input validation and output coding, error handling and logging, file system access, cryptography and defensive browser functions. A Review of secdevops principles will also be

covered.

By the end of the course, you will have a fundamental understanding of application security and best practices for ensuring that the applications you develop are secure. This course assumes a basic understanding of web development principles and programming concepts, with prior experience in a programming language recommended.

[View online](#)

Price: 28,00 €

Start date: 19.11.2024

Instructor(s): PAIN Alexis

Language: English

Difficulty: Intermediate



MODULE 5 – PART 1: APPLICATION SECURITY – LEVEL 2 – ATTACKS AND DEFENSES IN ACTION

This module addresses different kinds of application vulnerabilities and different kinds of vulnerabilities specific to API and web services.

The module covers:

- Different types of vulnerabilities that are commonly present in applications
- How to detect them
- How to validate them
- How to fix them
- Different types of vulnerabilities that are commonly present in API
- How to detect them
- How to validate them

[View online](#)

Price: 28,00 €

Start date: 20.11.2024

Instructor(s): RIGHETTO Dominique

Language: English

Difficulty: Intermediate



MODULE 5 – PART 1: APPLICATION SECURITY – LEVEL 3 – INTRODUCTION TO APPLICATION SECURITY AUDITS

The objective of this training is to allow the students to discover the offensive side of the Application Security about Web Application and practice it during a lab and the offensive side of Mobile Application security and practice it during a lab.

During this training, the students will discover:

- What is a Web Application Vulnerability Assessment?
- The different steps of this kind of assessment;
- The methodology used to rate the security issues;
- The open referential that can be used to conduct an assessment.
- What is a Mobile Application Vulnerability Assessment?
- The different steps of this kind of assessment;
- The methodology used to rate the security issues;
- The open referential that can be used to conduct an assessment.

[View online](#)

Price: 28,00 €

Start date: 21.11.2024

Instructor(s): RIGHETTO Dominique

Language: English

Difficulty: Advanced



MODULE 5 – PART 2 : DEVOPS AND PIPELINE SECURITY

DevSecOps training is a practical, course designed to integrate security into your DevOps pipeline. It focuses on real-world scenarios and tools like GitLab CI/Actions/Jenkins, Kafka, Grafana, Terraform, and Kubernetes to highlight vulnerabilities and best practices.

Securing the DevOps Pipeline: A Practical Guide to DevSecOps

In today's fast-paced digital landscape, delivering software rapidly and securely is no longer a luxury it's a necessity. Organizations are under increasing pressure to push features and updates while ensuring that security is baked into every part of the development process. This 14-hour, hands-on

DevSecOps training is designed to help you integrate security practices into your DevOps pipeline, enhancing your ability to detect and mitigate vulnerabilities without slowing down development.

This course is not a theoretical deep dive; it's an immersive, practical experience where you'll configure and secure real-world environments using popular tools like Jenkins, GitLab CI, Kafka, Grafana, Terraform, Kubernetes, and more. Throughout the course, you will encounter common vulnerabilities and misconfigurations, learn to identify them, and implement security solutions in real time.

[View online](#)

Price: 56,00 €

Start date: 25.11.2024

Instructor(s): BRANDENBURGER Sharif

Language: English

Difficulty: Intermediate



MODULE 6: MALWARE AND FORENSICS

Preparing for incident management is essential in today's environment. In this module, students will learn about the different stages of an incident, and how to prepare for them. Setting up a detection and response strategy, analysing logs, managing backups. Using a case study, we will dig into the key concepts and technical approaches to adopt in handling cybersecurity incidents.

Case study : Ransomware attack

In this scenario, the information system was breached by exploiting a remote access vulnerability several months ago. The attacker took control of the information system, exfiltrated data and then deployed a ransomware attack across the entire infrastructure. Finally, he published the stolen data publicly. Explanation of the underground ecosystem. We will use a similar scenario and perform an incident response.

[View online](#)

Price: 84,00 €

Start date: 28.11.2024

Instructor(s): JUNG Paul

Language: English

Difficulty: Advanced



MULTI-FACTOR AUTHENTICATION

This course presents various methods of multi-factor authentication to the participants. During this hands-on course, participants will learn how multi-factor authentication works and how they can secure their account by adding an additional factor.

[View online](#)

Price: 12,00 €

Start date: 07.10.2024

Instructor(s): Winter Stefan

Language: English

Difficulty: Beginner



NETWORK SECURITY AND INTRO TO THREAT HUNTING WITH WIRESHARK

This course is an introduction to using Wireshark for network security. It includes practical exercises about Transport Layer Security and analysis of malware communication.

[View online](#)

Price: 36,00 €

Start date: 03.10.2024

Instructor(s): Dr HOMMES Stefan

Language: English

Difficulty: Intermediate



OPERATING A DNS AUTHORITATIVE SERVICE

This course is aimed at IT students, professionals or enthusiasts wishing to operate their own DNS authoritative servers in order to publish domain name(s). It will give them sound theoretical basis and a concrete hands-on experience to embrace best practices, troubleshoot issues and avoid caveats in operation.

[View online](#)

Price: 28,00 €

Start date: 22.11.2024

Instructor(s): Dr. HERBIET Guillaume-Jean

Language: English

Difficulty: Intermediate



OPERATING A DNS RESOLUTION SERVICE

This course is aimed at IT students, professionals or enthusiasts wishing to operate their own DNS resolvers in order to provide a name resolution service to their personal, corporate or institutional network. It will provide sound theoretical basis and a concrete hands-on experience to embrace best practices, troubleshoot issues and avoid caveats in operation.

[View online](#)

Price: 28,00 €

Start date: 29.11.2024

Instructor(s): Dr. HERBIET Guillaume-Jean

Language: English

Difficulty: Intermediate



PRINCIPLES OF THE DOMAIN NAME SYSTEM SECURITY EXTENSIONS (DNSSEC)

Domain Name System Security Extensions (DNSSEC) adds origin authentication and integrity protection to the protocol by signing DNS data. However the ratio of signed domain names remains low, mostly because, as any security feature, DNSSEC brings some risks when implemented without a proper understanding.

This course targets IT students, professionals or enthusiasts currently managing domain names and willing to start signing their DNS zones, improve or gain confidence in their signing procedures with hands-on experience and best-practices.

[View online](#)

Price: 28,00 €

Start date: 06.12.2024

Instructor(s): Dr. HERBIET Guillaume-Jean

Language: English

Difficulty: Intermediate



SENSIBILISATION À LA SÉCURITÉ DE L'INFORMATION

Cette formation de sensibilisation initie les participants aux risques liés aux ordinateurs, aux appareils mobiles et à l'internet. En ce qui concerne les violations de données et les cyberattaques, ce sont surtout les personnes qui sont visées par les cybercriminels, et non les ordinateurs. À l'aide de nombreux exemples concrets, la session interactive vise à confronter les participants à des menaces auxquelles ils seront confrontés dans la vie de tous les jours, et à leur apprendre à maîtriser ces situations. Les participants qui auront suivi la formation seront beaucoup plus résistants face à ces cyber-risques.

[View online](#)

Price: 12,00 €

Start date: 05.11.2024

Instructor(s): Muller, Steve

Language: French

Difficulty: Beginner



TCP/IP DEEP DIVE FOR PRACTITIONERS WITH WIRESHARK

This course will provide you with an explanation of important internet and TCP/IP protocols by going through practical exercises using Wireshark for each protocol. The course will also explain Wireshark GUI and its functionality for packet analysis.

[View online](#)

Price: 48,00 €

Start date: 29.11.2024

Instructor(s): Dr. HOMMES Stefan

Language: English

Difficulty: Intermediate

DATA & AI



AI & ETHICS

This course is designed to deepen participants' understanding of AI and its ethical dimensions, equipping them to consciously and responsibly navigate the challenges and opportunities AI technologies present. We use interactive tools in an engaging environment with hands-on activities that promote learning by doing. Participants are encouraged to develop AI projects aimed at solving real-world problems, with an emphasis on incorporating ethical principles to create inclusive and ethical AI solutions.

Spanning three days, the course begins with a comprehensive introduction to AI, including machine learning, deep learning, and their applications, and explores the future prospects of AI technology. On the second day, we delve into AI ethics, where participants propose projects, examine the roles of different stakeholders in AI, and learn about AI development tools. The final day focuses on fairness, bias, and explainable AI (XAI), concluding with participants reflecting on and presenting their projects, considering the ethical aspects learned throughout the course.

[View online](#)

Price: 48,00 €

Start date: 11.11.2024

Instructor(s): SHOJAE Nooshin

Language: English

Difficulty: Beginner



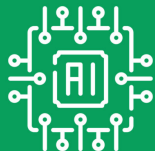
ART AND ARTIFICIAL INTELLIGENCE

After a brief introduction to artificial intelligence (AI), its role in our daily lives and current scientific research on the subject, participants discover that this technology can be used to create works of art. The various stages in the design of artificial intelligence are covered: data collection and preparation, training and finally evaluation of the AI. Through presentations and hands-on activities, this workshop highlights the importance of data and how it can be used to train intelligent machines. It also enables participants to form their own opinions on artificial intelligence and understand the impact on our society of new tools such as ChatGPT.

[View online](#)

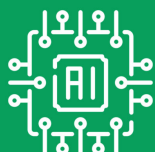
Price: 12,00 €

Start date: 06.11.2024

Instructor(s): Christophe Stammel**Language:** English**Difficulty:** Beginner

BASES DE L'IA & APPLICATIONS CONCRÈTES DE CHATGPT

Ce cours offre une introduction aux bases de l'intelligence artificielle (IA), en mettant l'accent sur l'utilisation de ChatGPT, notamment pour des métiers administratifs. Vous découvrirez les principes fondamentaux de l'IA, comment interagir efficacement avec des systèmes comme ChatGPT et les différentes applications possibles dans divers domaines. Une formation idéale pour quiconque souhaite comprendre et exploiter le potentiel des technologies d'IA pour la création de contenu, l'automatisation et d'autres cas d'usage concrets.

[View online](#)**Price:** 24,00 €**Start date:** 24.10.2024**Instructor(s):** Dr. LINCKELS Serge**Language:** French**Difficulty:** Beginner

BASES DE L'IA & APPLICATIONS CONCRÈTES DE CHATGPT

Ce cours offre une introduction aux bases de l'intelligence artificielle (IA), en mettant l'accent sur l'utilisation de ChatGPT, notamment pour des métiers administratifs. Vous découvrirez les principes fondamentaux de l'IA, comment interagir efficacement avec des systèmes comme ChatGPT et les différentes applications possibles dans divers domaines. Une formation idéale pour quiconque souhaite comprendre et exploiter le potentiel des technologies d'IA pour la création de contenu, l'automatisation et d'autres cas d'usage concrets.

[View online](#)**Price:** 24,00 €**Start date:** 17.12.2024**Instructor(s):** Dr. LINCKELS Serge**Language:** French**Difficulty:** Beginner



BASICS OF TEXT PROCESSING AND VISUALIZATION

This course on Text Processing with Python provides the fundamental techniques of handling and manipulating text data. Starting with basic string operations, the course progresses to more sophisticated methods such as tokenization, stemming, lemmatization, and the removal of stop words. Participants will gain practical experience with regular expressions and will be introduced to libraries like NLTK, Matplotlib, and WordCloud for efficient text processing and visualization. By the end of the course, participants will be equipped with the skills to perform basic text processing for various applications in natural language processing and data analysis.

[View online](#)

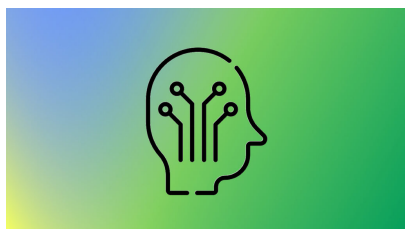
Price: 24,00 €

Start date: 09.12.2024

Instructor(s): Nina Hosseini-Kivanani

Language: English

Difficulty: Beginner



BECOME A BUSINESS INTELLIGENCE SPECIALIST

The Business Intelligence Training Path is a comprehensive and structured program designed to equip participants with the essential skills and knowledge required to excel in the field of Business Intelligence (BI). This training path covers a wide range of topics, starting from fundamental concepts and gradually progressing to advanced techniques, tools, and methodologies used in BI.

[View online](#)

Price: 252,00 €

Start date: 11.11.2024

Instructor(s): Axel Pierard, Aziz Bibi, Yassine Mekdour, Mayssae Chimi

Language: English

Difficulty: Intermediate



DATA VISUALIZATION (DATA ARTIST)

This intensive one-week course on Data Visualization provides participants with comprehensive knowledge and practical skills needed to create effective and insightful visualizations. From understanding the fundamental principles to mastering advanced tools and techniques, this course covers every aspect of data visualization. Participants will engage in hands-on exercises, real-world case studies, and interactive projects that will equip them to transform raw data into meaningful visual insights. The course is designed for both beginners and those with some experience in data visualization.

[View online](#)

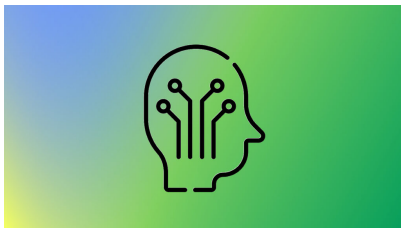
Price: 140,00 €

Start date: 02.12.2024

Instructor(s): ELLOUMI Aymen

Language: English

Difficulty: Intermediate



DÉCOUVERTE DU DATA WAREHOUSE : CONCEPTS, MODÉLISATION, ALIMENTATION (ETL) ET RESTITUTION

L'analyse des données est un processus qui permet d'analyser les performances d'une entreprise, qu'elles soient passées, présentes ou futures, et aide les décideurs à prendre des actions éclairées. Dans le cadre de ce processus d'analyse, les organisations passent par trois étapes. Premièrement, elles collectent des données à partir de systèmes informatiques opérationnels et de sources externes. Deuxièmement, elles transforment et préparent ces données pour l'analyse. Troisièmement, elles exécutent des requêtes sur ces données et créent des visualisations de données, c'est-à-dire des tableaux de bord Business Intelligence (BI) et des rapports pour mettre les résultats analytiques à la disposition des utilisateurs pour une prise de décision optimale. L'objectif de cette activité étant de prendre les meilleures décisions est de permettre aux entreprises par exemple d'augmenter leurs revenus, d'améliorer leur efficacité opérationnelle et d'obtenir des avantages concurrentiels par rapport à la compétition.

[View online](#)

Price: 96,00 €

Start date: 13.11.2024

Instructor(s): Gaioni, Damien, Abboud, Georges

Language: French

Difficulty: Beginner



GREEN IT – FUNDAMENTALS

Digital technologies have experienced exponential growth for over 20 years. While they have contributed to major societal advancements and created opportunities for economic players, they also face growing environmental and social impact challenges. To meet the ever-increasing demand more sustainably, IT professionals must address these issues. First, they need to understand the sources and factors of these impacts. Then, they should adopt a life-cycle thinking approach to enhance their creativity and support the design and deployment of more sustainable digital solutions in the coming years.

[View online](#)

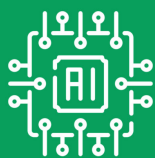
Price: 32,00 €

Start date: 11.12.2024

Instructor(s): DERREUMAUX Auban

Language: English

Difficulty: Beginner



IA, ÉTHIQUE ET SOCIÉTÉ – COMMENT VIVRE ET DÉVELOPPER L'IA

L'intelligence artificielle (IA) représente l'un des domaines du monde numérique qui fait actuellement l'objet d'un développement important partout dans le monde. Cela signifie que les citoyens sont et seront confrontés, dans leur vie professionnelle et personnelle, à des produits numériques qui incluent des composants d'intelligence artificielle.

Cette formation aborde de façon claire, pratique et avec de nombreuses interactions avec les participants, les notions clés de l'IA et de son impacte sur l'emploi et l'éthique des sociétés.

[View online](#)

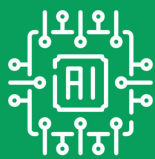
Price: 56,00 €

Start date: 14.11.2024

Instructor(s): Prof. Dr. GUELF, Nicolas

Language: French

Difficulty: Beginner



INSIDE THE BRAIN OF CHATGPT, DEEPL & CO.

Ever wondered how a computer can answer any of your questions or generate images based on your descriptions? That's the magic of Generative AI – a powerful new technology that allows computers to create things based on a text input. But how does it work? In this workshop, we'll go behind the scenes of programs like ChatGPT and discover how AI learns to understand language.

We'll journey into the brain of these AI programs. You will understand how they encode the meaning of words, the way they connect words with each other, and how they learn the nuances of human language. You will also learn that these AI "brains" need a lot of energy to learn and to think, without being perfect! We'll see how sometimes they make mistakes, and how difficult it can be to spot such an error. We'll explore the applications of Generative AI, from translating languages and classifying text to creating art.

However, we'll also talk about the importance of using these tools responsibly and understanding their limitations and their impact on our planet. We'll learn that our own creativity and critical thinking are still very important. So, are you ready to understand the power of Generative AI and learn how to create your own stories, art, and even magic? Join us on this exciting adventure!

[View online](#)

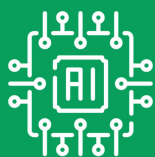
Price: 12,00 €

Start date: 20.11.2024

Instructor(s): Christophe Stammel

Language: English

Difficulty: Beginner



INTRODUCTION À L'ÉMERGENCE DE L'ANALYSE DE DONNÉES

Le cours "Introduction à l'émergence de l'analyse de données: Comprendre l'avènement des systèmes d'information d'aide à la décision" explore l'histoire et l'importance de l'analyse de données dans les systèmes d'information d'aide à la décision, retraçant son évolution depuis le traitement de données de base jusqu'à l'utilisation sophistiquée des mégadonnées et de l'IA dans les pratiques commerciales contemporaines. À travers un mélange d'aperçus théoriques, d'études de cas pratiques et de projets pratiques, les étudiants exploreront le développement et l'application des systèmes d'aide à la décision, acquérant une maîtrise des techniques d'analyse de pointe telles que l'apprentissage automatique et l'analyse prédictive. Ce programme complet équipe les apprenants des compétences nécessaires pour analyser les données de manière critique, développer des idées exploitables et exploiter les systèmes d'information pour une prise de décision éclairée, les préparant à

des carrières réussies dans le domaine dynamique de l'analyse de données et de la Business Intelligence.

[View online](#)

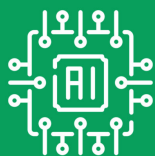
Price: 32,00 €

Start date: 13.11.2024

Instructor(s): Gaioni, Damien, Abboud, Georges

Language: French

Difficulty: Beginner



INTRODUCTION APPLIQUÉE À L'INTELLIGENCE ARTIFICIELLE POUR LE CITOYEN

L'intelligence artificielle (IA) représente l'un des domaines du monde numérique qui fait actuellement l'objet d'un développement important partout dans le monde. Cela signifie que les citoyens sont et seront confrontés, dans leur vie professionnelle et personnelle, à des produits numériques qui incluent des composants d'intelligence artificielle. Cette formation aborde de façon claire, pratique et avec de nombreuses interactions avec les participants, les notions clés de l'IA et de l'apprentissage profond qui se développent à grande vitesse de nos jours.

[View online](#)

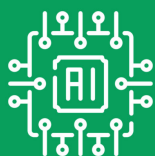
Price: 72,00 €

Start date: 03.10.2024

Instructor(s): Prof. Dr. GUELF, Nicolas

Language: French

Difficulty: Beginner



INTRODUCTION AUX DIFFÉRENTS OUTILS DE REPORTING

Le cours "Introduction aux Différents Outils de Reporting" est conçu pour initier les apprenants à la gamme d'outils de reporting disponibles sur le marché pour la visualisation des données à partir d'un entrepôt de données ou d'un datamart. À travers une combinaison de conférences, d'ateliers pratiques et d'études de cas réels, les apprenants exploreront les fonctionnalités, les avantages et les applications pratiques de différents outils de reporting. Ce cours vise à doter les participants des compétences nécessaires pour sélectionner et utiliser l'outil de reporting le plus approprié pour visualiser et interpréter les données, renforçant ainsi leur capacité à prendre des décisions éclairées basées sur des ensembles de données complexes. À la fin du cours, les apprenants auront une compréhension approfondie de la manière de communiquer efficacement les informations tirées des données à travers des

visualisations convaincantes, les préparant ainsi à des rôles nécessitant une expertise en intelligence d'affaires et en analyse de données.

[View online](#)

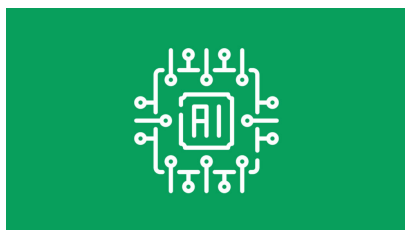
Price: 32,00 €

Start date: 27.11.2024

Instructor(s): Gaioni, Damien, Abboud, Georges

Language: French

Difficulty: Beginner



INTRODUCTION AUX OUTILS ETL

Le cours "Introduction aux Outils ETL: Apprenez à connaître les outils ETL disponibles sur le marché pour alimenter un entrepôt de données/datamart " est conçu pour familiariser les étudiants avec les technologies essentielles de l'Extraction, de la Transformation et du Chargement (ETL), qui sont fondamentales dans la construction d'un entrepôt de données ou d'un datamart. À travers des conférences théoriques, des démonstrations pratiques et des exercices appliqués, ce cours offre un aperçu complet des outils ETL disponibles sur le marché, en mettant l'accent sur leurs fonctionnalités, leurs caractéristiques uniques et leurs applications réelles dans le domaine de l'intelligence d'affaires. Les participants apprendront comment ces outils aident à intégrer les données provenant de différentes sources, à les transformer selon des besoins spécifiques, et à les charger dans des entrepôts de données pour une analyse approfondie. Ce programme est parfait pour ceux qui cherchent à maîtriser les pratiques modernes de gestion des données et à améliorer les processus de prise de décision dans un environnement professionnel.

[View online](#)

Price: 32,00 €

Start date: 20.11.2024

Instructor(s): Gaioni, Damien, Abboud, Georges

Language: French

Difficulty: Beginner



INTRODUCTION TO IMAGE PROCESSING

Image processing is a subset of computer science and electrical engineering that focuses on manipulating and enhancing images to extract information, improve visual appeal, or prepare them for computational tasks such as classification and object detection. Using algorithms and techniques, it transforms images to achieve desired outcomes, ranging from basic tasks like resizing and color adjustments to advanced operations like object detection, filtering, and segmentation. As an interdisciplinary field, image processing plays a pivotal role in various domains, including medical imaging, autonomous vehicles, satellite imagery analysis, and digital media.

[View online](#)

Price: 40,00 €

Start date: 04.11.2024

Instructor(s): Nina Hosseini-Kivanani

Language: English

Difficulty: Beginner



JOURNEY TO AI AND CHATGPT

In this journey, the learner gets an overview the history of AI, its ups and downs, a glimpse behind the scene how it works and how an AI system can be used in daily life. Some AI systems are analysed to provide precise illustrations on the opportunities and limitations of AI. ChatGPT is studied more in detail, how prompting helps to fully profite of this chatbot and how similar AI systems may help us in our professional work.

[View online](#)

Price: 12,00 €

Start date: 28.11.2024

Instructor(s): Dr Serge Linckels

Language: English

Difficulty: Beginner



METTRE EN ŒUVRE DE SOLUTIONS ANALYTIQUES À L'AIDE DE MICROSOFT FABRIC

Apprenez à transformer les données en actifs analytiques réutilisables en utilisant les composants de Microsoft Fabric. Ce programme de formation vous guidera à travers :

- La création et la gestion d'un lakehouse grâce à Microsoft Fabric.
- Le processus d'ingestion et de transformation des données.
- La gestion des entrepôts de données.
- La création et l'optimisation de modèles sémantiques.
- La supervision du cycle de vie du développement analytique.
- Le choix et l'utilisation d'un framework de modèle Power BI.
- La surveillance et l'analyse des données en temps réel via Power BI.

Ce cours offre une approche complète pour acquérir les compétences nécessaires afin de déployer avec succès une architecture analytique moderne.

[View online](#)

Price: 128,00 €

Start date: 14.10.2024

Instructor(s): Dominic Godfroid (Senior MS Data Consultant / Data Project Manager)

Language: French

Difficulty: Advanced



METTRE EN ŒUVRE UN ENTREPÔT DE DONNÉES AVEC MICROSOFT FABRIC

Explorez le processus d'entreposage de données et apprenez à charger, surveiller et interroger un entrepôt dans Microsoft Fabric.

Ce programme de formation couvre les bases de l'utilisation des entrepôts de données dans Microsoft Fabric, une plateforme complète pour les données et l'analyse. Voici un aperçu des sujets abordés :

- Démarrer avec les entrepôts de données : Apprenez les fondamentaux des entrepôts de données, comprenez comment les entrepôts de données fonctionnent dans Fabric, et apprenez à interroger, transformer, sécuriser et surveiller vos données.
- Charger des données dans un entrepôt de données : Explorez les stratégies de chargement de données, utilisez des pipelines de données

et T-SQL pour charger et transformer des données dans votre entrepôt.

- Interroger un entrepôt de données : Maîtrisez l'utilisation de l'éditeur de requêtes SQL et explorez les outils de requêtes visuelles et clients pour interroger efficacement votre entrepôt.
- Surveiller un entrepôt de données : Apprenez l'importance de surveiller votre entrepôt de données en examinant les métriques de capacité, l'activité actuelle et les requêtes pour assurer un fonctionnement optimal.

Ce programme fournira aux participants les connaissances et les compétences nécessaires pour utiliser efficacement les entrepôts de données dans Microsoft Fabric, renforçant ainsi leur capacité à gérer et analyser les données de manière optimale dans un contexte professionnel.

[View online](#)

Price: 28,00 €

Start date: 14.11.2024

Instructor(s): Dominic Godfroid (Senior MS Data Consultant / MCT / Data Project Manager)

Language: French

Difficulty: Intermediate



METTRE EN ŒUVRE UN LAKEHOUSE AVEC MICROSOFT FABRIC

Ce cours est conçu pour développer vos compétences de base en ingénierie des données sur Microsoft Fabric, en vous concentrant sur le concept Lakehouse. Il s'adresse principalement aux professionnels des données qui sont familiers avec la modélisation des données, l'extraction et l'analyse. Il est conçu pour les professionnels qui souhaitent acquérir des connaissances sur l'architecture des lakehouses, la plateforme Microsoft Fabric et comment utiliser des analyses de bout en bout en utilisant ces technologies.

[View online](#)

Price: 28,00 €

Start date: 24.10.2024

Instructor(s): Dominic Godfroid (Senior MS Data Consultant / Data Project Manager)

Language: French

Difficulty: Beginner



METTRE EN ŒUVRE UNE ANALYSE EN TEMPS RÉEL AVEC MICROSOFT FABRIC

Découvrez comment utiliser Microsoft Fabric pour ingérer, interroger et traiter des flux de données en temps réel avec Synapse Real-Time Analytics et KQL.

Voici un aperçu des sujets abordés:

- Commencer avec les analyses en temps réel.
- Utiliser les flux d'événements en temps réel dans Microsoft Fabric
- Interroger des données dans une base de données KQL dans Microsoft Fabric

L'analyse des flux de données en temps réel est une capacité essentielle pour toute solution moderne d'analyse de données. Vous pouvez utiliser les capacités d'analyse en temps réel de Microsoft Fabric pour ingérer, interroger et traiter des flux de données.

La deuxième partie du cours traite le flux d'évènement par une introduction à Microsoft Fabric Eventstream dans le cadre des analyses en temps réel (RTA).

Dans la troisième partie nous fournissons une brève introduction aux requêtes KQL (Kusto Query Language) en utilisant Querysets et les principales différences entre KQL et T-SQL lors de l'utilisation de Querysets.

[View online](#)

Price: 28,00 €

Start date: 21.11.2024

Instructor(s): Dominic Godfroid (Senior MS Data Consultant / Data Project Manager)

Language: French

Difficulty: Intermediate



PROBABILITY FOR DATA SCIENCE

The course will first focus on probability distributions, covering measures of central tendency (mean, median, and mode), variance, skewness, kurtosis, and the concept of expected value. Visual tools for data description and distribution visualization will also be introduced. In a second part, we will delve into the probability distribution of multivariate random variables, exploring joint distribution, marginal distribution, conditional distribution, and covariance.

[View online](#)

Price: 36,00 €

Start date: 05.12.2024

Instructor(s): Prof. Dr. Ivan Nourdin

Language: English

Difficulty: Beginner



STATISTICS FOR DATA SCIENCE

This course will cover the essential statistical concepts that underpin a data science task. The course will start with an overview of the most important concepts of descriptive statistics (mean/median/mode, dispersion, skewness, quantiles, percentages, graphical representations), followed by an introduction to probability with particular focus on the most important probability distributions (uniform, Gaussian, Poisson, binomial, etc.). Equipped with this knowledge, the course will then dive into statistical inference, first point estimation and confidence intervals, and second hypothesis testing. These concepts will be explained intuitively and examples of how to use them will be provided. Depending on the participants' interests and experience, we may go further into hypothesis testing (ANOVA, goodness-of-fit testing, etc.). Finally, the course will touch upon statistical learning by discussing linear regression and logistic regression.

[View online](#)

Price: 36,00 €

Start date: 21.10.2024

Instructor(s): Prof. Dr. Christophe Ley

Language: English

Difficulty: Beginner

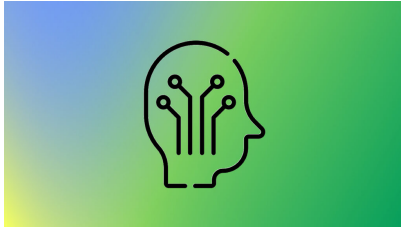


TABLEAU ANALYTICS PLATFORM

This learning track encompasses the fundamental concepts and techniques for working with the complete Tableau Analytics Platform, which includes Tableau Desktop, Tableau Cloud, Tableau Server and Tableau Prep.

The courses are designed for individuals who are new to Tableau or have some experience. It caters to anyone who deals with data, regardless of their technical or analytical expertise.

Whether you're a data analyst, data scientist, or an individual just starting with Tableau (or even someone comfortable with Excel), this course will help you get up to speed. You'll learn essential skills for analyzing data in Tableau, including connecting to data sources, customizing data, creating visualizations, and building interactive dashboards.

[View online](#)

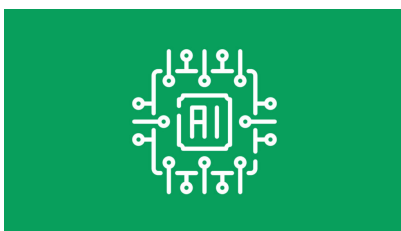
Price: 168,00 €

Start date: 14.10.2024

Instructor(s): ALBRECHT Steve

Language: English

Difficulty: Intermediate



UTILISATION ET SPÉCIALISATION DE GRANDS MODÈLES DE LANGUES COMME CHATGPT

Les chatbots basés sur de grands modèles de langue (LLM) construits à l'aide de réseaux de neurones transformateurs tels que ChatGPT jouent un rôle croissant dans la société, grâce à leur bonne capacité à générer des textes, des images, des sons et des vidéos de type humain. Ils sont/peuvent/seront utilisés dans divers domaines tels que : le service client, les assistants personnels, l'éducation, la santé, l'accessibilité, la création de contenu, le divertissement et bien plus encore.

Cependant, si les chatbots basés sur les LLM offrent de nombreux avantages, il existe également des risques et des défis potentiels. Il s'agit notamment du risque de générer des contenus inappropriés ou préjudiciables, des difficultés à comprendre le contexte, des difficultés à fournir des informations exactes et des préoccupations concernant la confidentialité et la sécurité des données. Les considérations éthiques sont cruciales à mesure que ces technologies continuent de se développer et de s'intégrer de plus en plus dans la société.

[View online](#)

Price: 56,00 €

Start date: 12.12.2024

Instructor(s): Prof. Dr. GUELF, Nicolas, DE JESUS SOUSA , Tiago

Language: French

Difficulty: Beginner

DESIGN THINKING



3D PRINTING OVERVIEW

3D printing has transformed manufacturing and prototyping processes, allowing for rapid production, customization, and innovation. Whether you're an aspiring engineer, designer, entrepreneur, or simply curious about this cutting-edge technology, this course will spark your interest and provide you with the knowledge to navigate the world of 3D printing.

This course is a comprehensive exploration of 3D printing technology, its applications, and its significance in various industries. The course aims to equip participants with a solid foundation in 3D printing technology and to highlight its practical applications.

We will begin by delving into the history of 3D printing, tracing its evolution and milestones. We will then examine the wide range of applications and use cases across industries such as healthcare, aerospace, automotive, and consumer products. We will discuss the reasons behind the popularity of 3D printing, as well as its limitations and challenges. We will explore various manufacturing processes involved in 3D printing, and cover the importance of material selection and post-processing techniques for enhancing printed objects. By the end of the course, learners will have gained a comprehensive understanding of 3D printing history, its versatile applications, and the factors to consider for successful implementation.

Furthermore, we aim to inspire learners to unlock the immense potential of this technology for their personal and professional projects. By exploring a variety of real-world use cases, learners gain a deep understanding of the versatility and applications of 3D printing, and be empowered to identify opportunities where 3D printing can revolutionize their own endeavors, sparking creativity and innovation. Whether you are an entrepreneur, designer, engineer, or hobbyist, this course will ignite your imagination and provide the necessary tools to leverage 3D printing as a transformative tool in your field.

[View online](#)

Price: 16,00 €

Start date: 02.12.2024

Instructor(s): SCHON Michel

Language: English

Difficulty: Beginner



COMPUTER-AIDED DESIGN (CAD) FOR BEGINNERS: START DESIGNING YOUR OWN PARTS (3D FILES)

Join our introductory CAD course using Onshape, where you'll learn to create practical, functional parts. This program serves as an excellent extension to our 3D printing course, providing the skills needed to design your own parts. You'll gain proficiency in designing parts by interpreting drawings, working with existing components, and creating entirely original designs from scratch. We selected Onshape, a cloud-based 3D design tool, for its free non-commercial use. Transitioning to Fusion 360, SolidWorks or another Parametric Feature-Based CAD later is seamless. This CAD course suits hobbyists, teachers, or employees looking to swiftly apply their new skills to 3D printing, CNC milling, or laser cutting.

[View online](#)

Price: 60,00 €

Start date: 09.12.2024

Instructor(s): SCHON Michel

Language: English

Difficulty: Beginner



CONCEVOIR SA MARQUE ET SA STRATÉGIE WEB. UNE APPROCHE DU DIGITAL DESIGN

Pendant ce parcours d'apprentissage (learning track), les apprenants vont concevoir un site Internet ou une application mobile pour une marque.

[View online](#)

Price: 272,00 €

Start date: 13.11.2024

Instructor(s): Sli Nourddine, Croizy Pauline, Giombetti Julien, Anastasio Gaïa

Language: French

Difficulty: Beginner



CONCEVOIR UNE IMAGE DE MARQUE D'UN PRODUIT OU SERVICE DIGITAL

Ce module de cinq sessions réparties sur cinq jours constitue la première partie du Learning Track **Concevoir sa marque et sa stratégie web. Une approche du Digital Design.**

Ces cours permettent aux apprenants de comprendre les composantes d'un branding et de les appliquer à des produits ou services digitaux. Les apprenants seront initiés à la conception de l'identité visuelle de leur projet. Ce cours s'adresse à des personnes de tout niveau désireuses de réaliser leur propre projet de branding tout en bénéficiant des conseils des experts. Des bases de connaissances des logiciels de la Suite Adobe tels que Adobe Illustrator et Adobe XD sont un plus.

[View online](#)

Price: 120,00 €

Start date: 18.11.2024

Instructor(s): Sli Nourddine, Croizy Pauline, Anastasio Gaïa

Language: French

Difficulty: Beginner



DESIGN SPRINT: CREATE AND TEST A FIGMA PROTOTYPE IN JUST 5 DAYS

Get to know the 5-day design sprint process to tackle your most pressing business challenges! This course will guide you through the fundamentals of design sprints, exploring various types and their applications. You will learn how to effectively prepare and facilitate design thinking workshops, equipping you with the skills needed to drive innovation and problem-solving within your organization.

[View online](#)

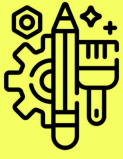
Price: 160,00 €

Start date: 04.11.2024

Instructor(s): LAHEURTE AMELIE

Language: English

Difficulty: Beginner



DESIGN THINKING IN PRACTICE

This course provides a comprehensive introduction to initiating, planning, and executing a Design Thinking project. Over three days, participants will learn to define project challenges, scope, and stakeholders, apply effective methods and tools, and create a confident game plan. The course includes practical application sessions and personalized coaching for ongoing support.

[View online](#)

Price: 150,00 €

Start date: 11.12.2024

Instructor(s): TSCHEPE Samuel, VON SCHMIEDEN Karen

Language: English

Difficulty: Intermediate



DIGITAL ACCESSIBILITY

This learning track aims to raise designers' and developers' awareness of the importance of accessibility. Participants will develop empathy by experiencing digital through the lens of disability, learn about the history of accessibility and concepts such as universal design, and discover how to build an accessible design system. Practical activities will include the use of assistive technologies to understand the challenges faced by people with disabilities.

[View online](#)

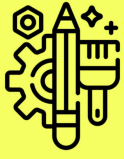
Price: 144,00 €

Start date: 14.10.2024

Instructor(s): POFPE Arnaud, RENOUX David

Language: English

Difficulty: Beginner



FIGMA FOR UX DESIGN

Welcome to our Intermediate Figma Training Course, designed for designers ready to elevate their skills and create exceptional UI designs. This course covers essential techniques and advanced features to help you produce professional and impactful work.

By the end of this course, you'll be equipped with the skills and knowledge to leverage Figma's advanced features, create impressive animations, and ensure your designs are both compelling and accessible. Join us and transform your creative ideas into outstanding, professional designs!

[View online](#)

Price: 64,00 €

Start date: 18.11.2024

Instructor(s): Lead UX & UI Designer, BIESMANS Antoine

Language: English

Difficulty: Intermediate



FROM CODE TO MOTION: COMBINING ROBOTICS AND CODING FOR INDUSTRIAL AUTOMATION

Discover the fascinating world of industrial robotics with comprehensive training program. Designed for beginners, this training will provide you with a solid introduction to robotics and equip you with essential skills to thrive in this field.

Throughout the course, you will delve into key elements of robotics, starting with an in-depth exploration of the fundamental principles that underpin this cutting-edge technology. From there, you will progress to robotics programming, where you will learn to program robots using a variety of languages, including Teach & Play, Blockly, and introductory Python.

The course goes beyond theory by emphasizing practical applications of robotics. You will gain insights into real-world scenarios where robots are utilized across different industries and sectors. Additionally, you will have hands-on experience working with dobot robots, enabling you to develop and program robots to perform specific tasks in both manual and autonomous modes.

Collaboration is a vital aspect of our workshop, as you will engage with fellow participants to complete a final project that showcases your understanding of

robotics and programming concepts. By the end of the course, you will have acquired a solid foundation in robotics, mastered programming techniques, and developed critical thinking skills applicable to real-life situations.

Don't miss this opportunity to unlock your potential in the exciting field of industrial robotics. Enroll today and embark on a transformative learning journey that will broaden your horizons and open doors to endless possibilities.

[View online](#)

Price: 160,00 €

Start date: 04.11.2024

Instructor(s): ABDOELLAH Adam

Language: English

Difficulty: Beginner



HOW TO IMPLEMENT A DESIGN SYSTEM IN YOUR ORGANISATION ?

In this course you will get know what a design system is and why you should use it. You will also learn how to assess the maturity of your services, understand the necessary interactions between teams, and be able to support the implementation of a design system project step-by-step.

[View online](#)

Price: 160,00 €

Start date: 02.12.2024

Instructor(s): LAHEURTE AMELIE, GRILL DYLAN

Language: English

Difficulty: Intermediate



INDUSTRIAL AND PRODUCT DESIGN

Are you passionate about creating innovative products? Join our empowering Industrial and Product Design Workshop and unlock your creative potential in the world of design. This interactive and hands-on workshop is designed to equip you with essential skills and insights to bring your product ideas to life.

The course will be run as a series of workshops, which will include a product design project. By the end of this workshop, you will have gained a comprehensive understanding of the product design process and acquired practical skills to develop compelling and user-centered designs.

Course outline :

- 1st Session – Product Design History
- 2nd Session – Project Kickoff
- 3rd Session – Concept Development
- 4th Session – Manufacturing Possibilities

[View online](#)

Price: 48,00 €

Start date: 26.11.2024

Instructor(s): KAUFFMAN Dean

Language: English

Difficulty: Beginner



INTRODUCTION AU DIGITAL DESIGN

Qu'est-ce que le Digital Design et comment sert-il la conception d'une plateforme web ? Ce cours d'introduction d'une journée du Learning Track **Concevoir sa marque et sa stratégie web. Une approche du Digital Design** permet aux apprenants de découvrir les métiers et expertises du Digital Design, de comprendre comment la création d'une image de marque (branding) peut servir la conception de produits ou services digitaux et quels sont les enjeux de la conception d'une interface web. Ce cours s'adresse à des personnes de tout niveau désireuses de réaliser leur propre projet de conception web tout en bénéficiant des conseils des experts de l'agence digitale Explose.

[View online](#)

Price: 32,00 €

Start date: 13.11.2024

Instructor(s): Nourddine Sli

Language: French

Difficulty: Beginner



INTRODUCTION TO 3D SCANNING: A BEGINNER'S GUIDE

Discover the world of 3D scanning with our comprehensive training program aimed at beginners. This experience is designed to provide participants with an in-depth understanding of 3D scanning, covering everything from fundamental concepts to advanced applications.

Through engaging sessions, participants will learn how to prepare for 3D scanning, choosing the right techniques, and executing scans effectively. Practical examples in alignment, merging and post-processing of scans will be shown, ensuring participants understand how to generate high-quality 3D models.

Furthermore, the training will explore the advanced realms of reverse engineering. Stay ahead of the curve by gaining insights into future trends in 3D scanning.

This course is tailored for a diverse audience, including hobbyists, teachers, and civil or mechanical engineers. While addressing the interests of various participants, the main focus will center on applications relevant to mechanical engineering, providing valuable insights and skills for professionals in this field.

[View online](#)

Price: 16,00 €

Start date: 25.11.2024

Instructor(s): PIROTTE Jérôme

Language: English

Difficulty: Beginner



INTRODUCTION TO DESIGN THINKING

Design Thinking is a systematic approach to complex problems from all areas of life. In this two-day workshop the participants will experience an introduction to the basic principles of the innovation method and all phases of the Design Thinking process in a compact way by working on openly phrased challenge.

The participants will experience a structured and professionally moderated Design Thinking workshop. The workshop will apply the innovation techniques of Design Thinking to an innovation challenge that is primarily selected for its methodological and learning value.

The phases of the process and the associated methods are witnessed and applied in the workshop in clearly defined time windows. The workshop is structured around the didactic principle of action orientation, with work divided into an exchange of common discussions, moderated teamwork and reflection.

[View online](#)

Price: 100,00 €

Start date: 09.12.2024

Instructor(s): TSCHPE Samuel, VON SCHMIEDEN Karen

Language: English

Difficulty: Beginner



INTRODUCTION TO DESIGN THINKING & PROJECT MANAGEMENT

Understand of how to apply the iterative, problem-solving approach of design thinking to the more structured processes of Project Management. As a result of this innovative approach, a feedback loop is built between the project team and the users of the product or services, which enables innovation and reduces failures in the project lifecycle.

[View online](#)

Price: 24,00 €

Start date: 01.10.2024

Instructor(s): ZILLOTTO Véronique

Language: English

Difficulty: Beginner



INTRODUCTION TO PRODUCT MANAGEMENT

This course covers key topics, such as : the definition of a “product”, the different phases of the Product Development Cycle, the role of the Product Manager, Agile and Scrum software development methodologies and building product roadmaps. Participants will apply this knowledge in a hands-on exercise and learn about practical cases and industry case studies.

[View online](#)

Price: 24,00 €

Start date: 08.10.2024

Instructor(s): ZILLOTTO Véronique

Language: English

Difficulty: Beginner



INTRODUCTION TO USER EXPERIENCE (UX)

This course is designed for novices seeking a solid understanding in User Experience methods and procedures. Ideal for product owners, project managers, and marketing and communication officers, this course covers essential concepts and practical skills needed to understand user needs and gather relevant data for design.

[View online](#)

Price: 96,00 €

Start date: 11.11.2024

Instructor(s): LAHEURTE Amélie

Language: English

Difficulty: Beginner



MASTERING FDM: A 3D PRINTING WORKSHOP FOR BEGINNERS

Discover the exciting world of Fused Deposition Modeling (FDM) 3D printing in our 9h workshop designed for beginners. In an era where additive manufacturing is revolutionizing industries, this training is perfect for individuals, hobbyists, and professionals seeking to tap into the immense potential of this cutting-edge technology.

This workshop provides a comprehensive introduction to FDM 3D printing, ensuring participants gain a solid understanding of the subject from the ground up. Starting with the basics, you'll learn about the principles of FDM technology, the components of a 3D printer, and the different types of materials used. From there, we delve into the key techniques and best practices for achieving high-quality prints, including slicer software settings, optimizing print parameters, and troubleshooting common issues.

Our workshop aims to equip participants with the knowledge and skills to confidently operate and utilize FDM 3D printers. By the end of the workshop, you'll have a firm grasp of the entire 3D printing workflow, from sourcing models, preparing files for printing, to post-processing and finishing techniques. Moreover, we emphasize hands-on learning, providing ample opportunities for practical exercises and live demonstrations, enabling you to gain practical experience in operating the printers and producing your own 3D prints.

Don't miss this chance to explore the limitless possibilities of FDM 3D printing and unleash your creativity in prototyping, product development, and personal

projects. Join our workshop and embark on an exciting journey into the world of additive manufacturing.

[View online](#)

Price: 36,00 €

Start date: 03.12.2024

Instructor(s): SCHON Michel

Language: English

Difficulty: Beginner



METTRE EN PLACE UNE STRATÉGIE WEB

Ce module de cinq sessions réparties sur cinq jours constitue la deuxième partie du learning track **Concevoir sa marque et sa stratégie web. Une approche du Digital Design**. Ces cours permettent aux apprenants d'acquérir des compétences pour créer des interfaces attrayantes et fonctionnelles d'une plateforme en ligne et de déployer leur marque sur le web et faire les bons choix stratégiques et budgétaires quant aux solutions techniques choisies. Ce cours s'adresse à des personnes de tout niveau désireuses de réaliser leur propre projet de conception web tout en bénéficiant des conseils des experts de l'agence digitale Explose.

[View online](#)

Price: 120,00 €

Start date: 25.11.2024

Instructor(s): Sli Nourddine, Croizy Pauline, Giombetti Julien

Language: French

Difficulty: Beginner



PRACTICAL PROBLEM SOLVING WITH DESIGN THINKING

Become an Effective Problem Solver by Creating your own Design Thinking Recipes.

Traditional problem-solving methods are often rigid and slow, stifling creativity and collaboration, and leading to missed opportunities for innovation.

Our Design Thinking Training Program, based on the LUMA Institute approach, provides a practical, hands-on experience to cultivate an innovative mindset and master 36 versatile tools. This program ensures participants not only

understand design thinking principles but also gain the ability to apply them effectively in diverse scenarios.

- Practical Application: Learn by doing with real-world problems.
- LUMA Tools Mastery: Apply and assemble 36 proven tools.
- Expert Facilitation: Guidance from experienced practitioners.
- Interactive Sessions: Engage in collaborative, creative activities.

[View online](#)

Price: 56,00 €

Start date: 07.10.2024

Instructor(s): Bruno Wozniak

Language: English

Difficulty: Beginner

TESTS D'UTILISABILITÉ ET D'EXPÉRIENCE UTILISATEUR (UX)

Les apprenants acquièrent une compréhension approfondie des tests d'utilisabilité et d'expérience utilisateur (UX) à l'aide de diverses méthodes, telles que les tests d'utilisabilité, les tests à distance, les analyses heuristiques, la réalisation d'enquêtes pour tester les produits numériques, c'est-à-dire des questionnaires standardisés sur l'utilisabilité et l'expérience utilisateur. Les apprenants acquièrent de l'expérience dans l'analyse des données d'utilisabilité et d'expérience utilisateur dérivées des tests et dans la création de rapports de test.

[View online](#)

Price: 80,00 €

Start date: 12.12.2024

Instructor(s): Renaud Bournonville

Language: French

Difficulty: Intermediate





THE FUNDAMENTALS OF PRODUCT MANAGEMENT

From ideation to launch: the product development cycle.

During this course, participants will gain a comprehensive understanding of product management as well as of the role of a product manager. They will apply this knowledge in a role play and experience the process of translating ideas from conceptualization to wireframe development.

[View online](#)

Price: 72,00 €

Start date: 14.10.2024

Instructor(s): ZILLOTTO Véronique

Language: English

Difficulty: Beginner



WRITING EFFECTIVE REQUIREMENTS AND USER STORIES IN SCRUM

From product vision to product delivery: how to define, prioritize and deliver continuous value to the users.

During this course, participants will learn how to gather, develop, document and deliver requirements by writing user stories. They will learn about the most common frameworks and apply their knowledge to practical cases

[View online](#)

Price: 24,00 €

Start date: 06.11.2024

Instructor(s): ZILLOTTO Véronique

Language: English

Difficulty: Beginner

GOVERNANCE



CYBERSECURITY ACT & TECHNICAL STANDARDIZATION

Nowadays, regulations and standardization play a key role in the process of digital transformation. The field of cybersecurity is well-regulated and aims to provide a high level of security and trust in ICT products, services and processes. This course gives a general introduction of certification schemes developed in the frame of this EU Regulation.

This training will make the participants aware of the Regulation (EU) 2019/881 (Cybersecurity Act – CSA), which aims to provide a high level of cybersecurity and trust in ICT products, services and processes in the EU. The certification schemes developed in the frame of this Regulation (EUCC – ICT products, EUCS – Cloud services) will be introduced.

It will provide an overview of the standardization developments supporting cybersecurity and the CSA (introduction to technical standardization, presentation of the national standardization commission “Cybersecurity”, examples of standards in support of the CSA).

[View online](#)

Price: 16,00 €

Start date: 18.12.2024

Instructor(s): Dr. Jean Lancrenon, Mr. Nicolas Domenjoud

Language: English

Difficulty: Beginner



GREEN IT – FUNDAMENTALS

Digital technologies have experienced exponential growth for over 20 years. While they have contributed to major societal advancements and created opportunities for economic players, they also face growing environmental and social impact challenges. To meet the ever-increasing demand more sustainably, IT professionals must address these issues. First, they need to understand the sources and factors of these impacts. Then, they should adopt a life-cycle thinking approach to enhance their creativity and support the design and deployment of more sustainable digital solutions in the coming years.

[View online](#)

Price: 32,00 €

Start date: 11.12.2024

Instructor(s): DERREUMAUX Auban

Language: English

Difficulty: Beginner



IMPROVE YOUR STAKEHOLDER COMMUNICATION USING THE DISC METHODOLOGY

Information technology and digital skills continue to gain in importance in today's business. As such, strong ICT profiles are rare to find, and very sought after. Technical skills, however, are only one side of the coin. Next to being technology-savvy and IT-adept, the human facet remains essential to your professional progression and career. Understanding the client and their needs, communicating in an effective way, and ultimately selling your skills, your project and/or your products and services are just as crucial. This 4-hour workshop aims at equipping you with the ability to better understand yourself, and to adapt to the various stakeholders, especially non-technical, in order to be effective and successful in your business undertakings.

[View online](#)

Price: 16,00 €

Start date: 25.10.2024

Instructor(s): FEDERSPIEL Catherine

Language: English

Difficulty: Beginner



ISO 37301 COMPLIANCE MANAGEMENT SYSTEM – INTRODUCTION

This course will deal with the standards of ISO 37301 ISO standards, review the norms , give keys to evaluation with practice considering the participants situations and contexts

[View online](#)

Price: 32,00 €

Start date: 13.11.2024

Instructor(s): DEMETS Marnik

Language: English

Difficulty: Beginner



LA GESTION DU PROJET DE TEST PAR LE TEST MANAGER

Lors de cette session découvrez l'ensemble des activités du testeur (l'analyse, la conception, l'implémentation et l'exécution des tests) sont encadrées par le Test Manager qui planifie, pilote, contrôle et clôture ces activités. Et ce, en s'appuyant sur les standards ISTQB, qui représente la base de la Qualification Internationale en Test de Logiciels et les bonnes pratiques partagées par la communauté Testing. C'est l'occasion de découvrir comme le pilotage par les tests pourrait être un bon levier de l'agilité mais aussi un vecteur de qualité.

[View online](#)

Price: 80,00 €

Start date: 09.12.2024

Instructor(s): Asma Reghimi

Language: French

Difficulty: Advanced



PILOTAGE DES TESTS PAR LES RISQUES

Lors de cette session découvrez la méthodologie des tests basée sur les risques et comment vous pouvez la mettre en œuvre. Et ce, en s'appuyant sur les standards ISTQB, qui représente la base de la Qualification Internationale en Test de Logiciels et les bonnes pratiques partagées par la communauté Testing. C'est l'occasion de découvrir comment le pilotage par les risques pourrait être un bon levier de l'agilité mais aussi un vecteur de qualité.

[View online](#)

Price: 80,00 €

Start date: 13.01.2025

Instructor(s): Asma Reghimi

Language: French

Difficulty: Advanced



PRÉPARATION À LA CERTIFICATION ISTQB NIVEAU FONDATION

Ce cours est conçu pour les personnes qui veulent se préparer à l'examen ISTQB Niveau Fondation en résolvant des examens réels avec des réponses détaillées. Il est idéal pour les personnes qui ont des questions sur le syllabus et qui souhaitent les poser à notre formateur certifié avant de passer l'examen. Nous pouvons vous aider à préparer l'examen sur la base de la version 2018 du syllabus. C'est à vous de décider quelle est la meilleure option !

[View online](#)

Price: 80,00 €

Start date: 23.01.2025

Instructor(s): Renaud Bournonville

Language: French

Difficulty: Beginner



TECHNIQUES DE CONCEPTION DE CAS DE TEST

L'objectif d'une technique de test est d'aider à identifier les conditions de test, les cas de test et les données de test.

L'utilisation de celle-ci peut varier de très informel (peu ou pas de documentation) à très formel.

Il est primordial de savoir sélectionner les bonnes techniques de test en fonction du contexte du projet de test.

C'est pourquoi, dans le cadre de ce module, nous décrivons par la pratique diverses techniques de conception de test (techniques boîte-noire, techniques boîte-blanche, techniques basées sur l'expérience) ainsi que les raisons pour lesquelles une technique sera préférée à une autre.

[View online](#)

Price: 80,00 €

Start date: 03.10.2024

Instructor(s): Renaud Bournonville

Language: French

Difficulty: Beginner

IT ADMINISTRATION & CLOUD



ADVANCED DNSSEC INFRASTRUCTURE

Domain Name System Security Extensions (DNSSEC) adds origin authentication and integrity protection to the protocol by signing DNS data. However the ratio of signed domain names remains low, mostly because, as any security feature, DNSSEC brings some risks when implemented without a proper understanding.

This course targets IT students, professionals or enthusiasts currently managing domain names and potentially already signing their DNS zones. It will give them a hands-on experience of reliably operating DNSSEC zone signature in a more reliable and advanced infrastructure.

[View online](#)

Price: 28,00 €

Start date: 13.12.2024

Instructor(s): Dr. HERBIET Guillaume-Jean

Language: English

Difficulty: Advanced



AUTOMATING ADMINISTRATION WITH WINDOWS POWERSHELL

Ce cours permet aux étudiants d'acquérir les connaissances et les compétences fondamentales pour utiliser PowerShell afin d'administrer et d'automatiser l'administration des serveurs Windows. Ce cours permet aux étudiants d'identifier et de construire la commande dont ils ont besoin pour effectuer une tâche spécifique. En outre, les étudiants apprennent à construire des scripts pour accomplir des tâches avancées telles que l'automatisation de tâches répétitives et la génération de rapports.

En outre, le cours fournit des compétences préalables prenant en charge une large gamme de produits Microsoft, notamment Windows Server, Windows Client, Microsoft Azure et Microsoft 365. Conformément à cet objectif, ce cours ne se concentre pas sur l'un de ces produits, bien que Windows Server, qui est la plateforme commune à tous ces produits, serve d'exemple pour les techniques enseignées dans ce cours.

Le support de cours et l'environnement des labs est en anglais.

[View online](#)

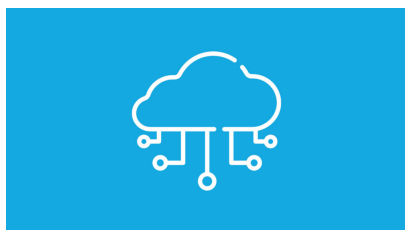
Price: 140,00 €

Start date: 16.12.2024

Instructor(s): Microsoft Certified Trainer Xavier NIX

Language: French

Difficulty: Intermediate



AUTOMATISATION DES TESTS AVEC SELENIUM

Cette formation permet de savoir comment utiliser Selenium, de créer des test automatisés pour les applications web. Nous verrons différentes facettes de Selenium afin de directement enregistrer les étapes du test à partir d'un navigateur ainsi que d'utiliser JAVA pour automatiser le WebDriver en utilisant l'interface de programmation de Selenium. Nous explorerons également comment exécuter des tests répartis sur plusieurs machines en utilisant les capacités du GRID Selenium.

[View online](#)

Price: 80,00 €

Start date: 28.11.2024

Instructor(s): Renaud Bournonville

Language: French

Difficulty: Intermediate



AWS CLOUD PRACTITIONER ESSENTIALS (FR)

Cette formation permet d'apprendre les fondamentaux du cloud Amazon Web Services (AWS), de développer ses compétences en matière de cloud et de se préparer pour l'examen AWS Certified Cloud Practitioner.

Le support de cours est en anglais.

[View online](#)

Price: 28,00 €

Start date: 28.11.2024

Instructor(s): CHARON Jean-Noël

Language: French

Difficulty: Beginner



DEVOPS FUNDAMENTALS (FR)

Lorsqu'une entreprise souhaite mettre en place une culture DevOps, il est important que tous les acteurs qui feront partie de l'aventure comprennent ce qu'est la culture DevOps et ce qu'elle peut leur apporter au quotidien. Cette formation garantit que les participants seront alignés sur la culture DevOps en termes de vocabulaire, des concepts et principes de base.

Le support de cours est en anglais.

[View online](#)

Price: 28,00 €

Start date: 10.12.2024

Instructor(s): DETAILLE Davy

Language: French

Difficulty: Beginner



FINOPS: LA GESTION DES COÛTS DU CLOUD COMPUTING (FR)

La gestion des coûts est un défi pour les plateformes cloud, avec un nouveau modèle basé sur la consommation et dominé par l'OPEX, qui contraste fortement avec le modèle op-premises composé principalement de CAPEX, de matériel fixe, et de coûts de licences. A l'issue de ce module, les étudiants auront acquis une bonne compréhension du nouveau modèle, et de la manière dont il peut être géré et optimisé dans Azure. Azure est pris comme exemple et les processus peuvent être transposés à AWS et Google.

Le support de cours est en anglais.

[View online](#)

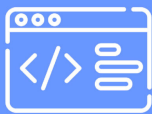
Price: 28,00 €

Start date: 12.12.2024

Instructor(s): Davy Detaille

Language: French

Difficulty: Beginner



GITLAB MASTERY: FROM BASICS TO ADVANCED CI/CD

This intensive GitLab course takes participants on a journey from basic version control concepts to advanced CI/CD implementations. Participants will gain hands-on experience with GitLab's powerful features, learning to streamline their development workflow, collaborate effectively, and automate their deployment processes.

[View online](#)

Price: 160,00 €

Start date: 09.12.2024

Instructor(s): MISSOH KWAKOU ABAILI

Language: English

Difficulty: Intermediate



GOOGLE CLOUD FUNDAMENTALS (FR)

Ce module offre une vue d'ensemble des produits et services de Google Cloud Platform. Grâce à une combinaison de présentations, de démonstrations et de travaux pratiques, vous apprendrez la valeur de Google Cloud Platform et comment incorporer des solutions basées sur le cloud dans les stratégies d'entreprise.

Le support de cours est en anglais.

[View online](#)

Price: 28,00 €

Start date: 05.12.2024

Instructor(s): DETAILLE Davy

Language: French

Difficulty: Beginner



GREEN IT – FUNDAMENTALS

Digital technologies have experienced exponential growth for over 20 years. While they have contributed to major societal advancements and created opportunities for economic players, they also face growing environmental and social impact challenges. To meet the ever-increasing demand more sustainably, IT professionals must address these issues. First, they need to understand the sources and factors of these impacts. Then, they should adopt a life-cycle thinking approach to enhance their creativity and support the design and deployment of more sustainable digital solutions in the coming years.

[View online](#)

Price: 32,00 €

Start date: 11.12.2024

Instructor(s): DERREUMAUX Auban

Language: English

Difficulty: Beginner



INTRODUCTION AU CLOUD COMPUTING (FR)

Ce module est un cours d'introduction à la compréhension des concepts de la technologie du cloud. Quelle que soit votre fonction, le cloud computing devient rapidement une compétence essentielle pour tout travailleur.

Suite à l'augmentation des outils numériques et au besoin croissant des professionnels de l'informatique d'acquérir des compétences en matière d'informatique dématérialisée, ce module est ouvert à tous ceux qui ont besoin de comprendre l'informatique dématérialisée.

Le cloud computing offre de nombreux avantages potentiels en termes de réduction des coûts, de flexibilité, d'évolutivité et d'efficacité.

Ce module offre un mélange équilibré de théorie et d'études de cas sous forme de jeux de rôle.

Le support de cours est en anglais.

[View online](#)

Price: 28,00 €

Start date: 26.11.2024

Instructor(s): Davy Detaille

Language: French

Difficulty: Beginner



INTRODUCTION TO THE DOMAIN NAME SYSTEM

This course proposes an introduction to the DNS, aimed at IT students, professionals or enthusiasts wishing to understand how the DNS works and administer their own domain name(s) and aims at giving them sound theoretical basis and a concrete hands-on experience to embrace best practices and avoid caveats in operation. It may also be suitable for people curious about the functioning of domain names on the Internet.

[View online](#)

Price: 28,00 €

Start date: 15.11.2024

Instructor(s): Dr. HERBIET Guillaume- Jean

Language: English

Difficulty: Beginner



IT BASICS: AFÉIERUNG FIR ELEKTRESCH CIRCUITEN, COMPUTER NETZWIERKER AN BETRIBSSYSTEMER

Dëse Cours besteet aus 4 Sessioune mat verschiddenen Themen. Wärend dësem Cours kritt Dir eng Aféierung fir Elektrizitéit an elektresch Circuiten, eng Aféierung fir Computer Netzwierker, eng Aféierung fir Windows Betriebssystemer an eng Aféierung fir Linux Betriebssystem.

[View online](#)

Price: 64,00 €

Start date: 16.12.2024

Instructor(s): Dr Nico Binsfeld

Language: Luxembourgish

Difficulty: Beginner



MASTERING MODERN NETWORK TECHNOLOGIES: CCNA

Embrace the future of networking with our comprehensive training path, « Mastering Modern Network Technologies ». Designed for both beginners and experienced professionals, this program equips you with the knowledge and skills to navigate the rapidly evolving world of smart, programmable, and software-driven networks.

Our four-module training path covers essential topics to support your organization's business operations and priorities. You'll learn about network architectures, models, protocols, and elements, enabling you to make informed decisions to mitigate threats and enhance network security using access control lists.

Starting from scratch? Begin your journey with [our IT Essentials course](#), which provides a solid foundation for your networking education. Progress through our carefully curated curriculum, and upon successful completion, earn a certification that qualifies you to work as a network administrator.

Enroll in our « Mastering Modern Network Technologies » training path and unlock your potential as a skilled network professional in today's technology-driven world.

[IT Essentials](#)

Imagine building a computer, then connecting it securely to a network. This exciting first step could lead you to a rewarding career in information technology. Indeed, one sure way to excel – no matter what IT field you choose – is to learn the right computer fundamentals.

IT Essentials is the first course in this learning track. It covers the fundamental computer and professional skills needed for entry-level IT jobs. This course introduces the basics of computer hardware and software to help learners become familiar with computer components by teaching them the proper procedures for installing, upgrading and troubleshooting computers, mobile devices and software.

The training lasts approximately 70 hours, including 58.5 hours of classroom training and 11.5 hours of e-learning. Training hours: 9am – 4:30pm.

This module is held at the LLLC. In order to register for this module, please follow this link: [Registration for module 1](#)

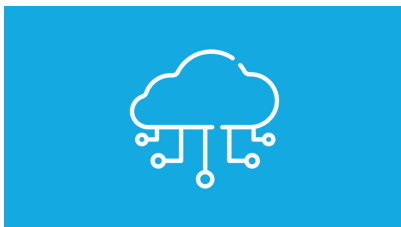
[View online](#)**Price:** 1.800,00 €**Start date:** 11.01.2025**Instructor(s):** Eddy Trutie Matos**Language:** English**Difficulty:** Beginner

MICROSOFT AZURE FUNDAMENTALS (FR)

Lorsqu'une entreprise souhaite migrer vers le cloud, il est crucial que tous les acteurs impliqués comprennent les principes fondamentaux de Microsoft Azure et comment cette plateforme peut transformer leurs opérations quotidiennes. Cette formation assure que les participants acquerront une compréhension solide des concepts essentiels d'Azure, des services disponibles et des meilleures pratiques pour l'utilisation du cloud.

Cette formation offre aux participants les connaissances nécessaires pour naviguer et utiliser efficacement la plateforme Azure, et pose les bases pour des apprentissages plus avancés en cloud computing.

Le support de cours est en anglais.

[View online](#)**Price:** 28,00 €**Start date:** 03.12.2024**Instructor(s):** STREIGNARD Remi**Language:** French**Difficulty:** Beginner

MICROSOFT SECURITY, COMPLIANCE, AND IDENTITY FUNDAMENTALS

Ce cours fournit des connaissances de base sur les concepts de sécurité, de conformité et d'identité, ainsi que sur les solutions Microsoft basées sur le cloud qui s'y rapportent.

Le support de cours et l'environnement des labs est en anglais.

[View online](#)**Price:** 28,00 €**Start date:** 09.12.2024**Instructor(s):** Microsoft Certified Trainer Xavier NIX

Language: French
Difficulty: Beginner



OPERATING A DNS AUTHORITATIVE SERVICE

This course is aimed at IT students, professionals or enthusiasts wishing to operate their own DNS authoritative servers in order to publish domain name(s). It will give them sound theoretical basis and a concrete hands-on experience to embrace best practices, troubleshoot issues and avoid caveats in operation.

[View online](#)

Price: 28,00 €

Start date: 22.11.2024

Instructor(s): Dr. HERBIET Guillaume-Jean

Language: English

Difficulty: Intermediate



OPERATING A DNS RESOLUTION SERVICE

This course is aimed at IT students, professionals or enthusiasts wishing to operate their own DNS resolvers in order to provide a name resolution service to their personal, corporate or institutional network. It will provide sound theoretical basis and a concrete hands-on experience to embrace best practices, troubleshoot issues and avoid caveats in operation.

[View online](#)

Price: 28,00 €

Start date: 29.11.2024

Instructor(s): Dr. HERBIET Guillaume-Jean

Language: English

Difficulty: Intermediate



POWER APPS ET POWER AUTOMATE – AVANCÉ

Comme la digitalisation des organisations passe par l'intégration de solutions réalisées aussi bien par les « Pro Devs » que par les utilisateurs clés directement (« Citizen Developers »), Microsoft possède sa solution de création d'applications mobiles « Low-Code » : la Power Platform, qui compte entre autres les outils Power Apps et Power Automate.

Cette formation « Power Apps et Power Automate – Avancé » s'adresse aux futurs concepteurs de solutions Power Apps désirant apprendre à créer des applications, ainsi que s'initier aux bonnes règles de gouvernance de ces solutions.

[View online](#)

Price: 96,00 €

Start date: 10.12.2024

Instructor(s): POIREAU Frank

Language: French

Difficulty: Intermediate



POWER APPS ET POWER AUTOMATE – INITIATION

Comme la digitalisation des organisations passe par l'intégration de solutions réalisées aussi bien par les « Pro Devs » que par les utilisateurs clés directement (« Citizen Developers »), Microsoft possède sa solution de création d'applications mobiles « Low-Code » : la Power Platform, qui compte entre autres les outils Power Apps et Power Automate.

Destinée aux débutants, cette formation Power Apps et Power Automate Initiation s'adresse aux futurs concepteurs de solutions désirant apprendre à créer des applications métier bureautiques fonctionnant depuis un PC, une tablette ou un téléphone mobile : ils apprendront à utiliser Power Automate et Power Apps Studio en mode « No Code » et seront initiés au mode « Low Code ».

Les utilisateurs plus expérimentés (« Pro Dev » soucieux de se former à la Power Platform ; « citizen developers » disposant d'expériences significatives en création d'application sur Ms Access ou Ms Excel (avec utilisation de fonction et de formules) s'orienteront plutôt vers la formation « [Power Apps et Power Automate – Avancé](#) ».

[View online](#)

Price: 32,00 €

Start date: 26.11.2024
Instructor(s): POIREAU Frank
Language: French
Difficulty: Beginner

PRINCIPLES OF THE DOMAIN NAME SYSTEM SECURITY EXTENSIONS (DNSSEC)

Domain Name System Security Extensions (DNSSEC) adds origin authentication and integrity protection to the protocol by signing DNS data. However the ratio of signed domain names remains low, mostly because, as any security feature, DNSSEC brings some risks when implemented without a proper understanding.

This course targets IT students, professionals or enthusiasts currently managing domain names and willing to start signing their DNS zones, improve or gain confidence in their signing procedures with hands-on experience and best-practices.

[View online](#)

Price: 28,00 €

Start date: 06.12.2024

Instructor(s): Dr. HERBIET Guillaume-Jean

Language: English

Difficulty: Intermediate



SEO FOR WEB DEVELOPERS & FRONT-END DEVELOPERS

This training covers the essentials of SEO for web development practitioners and is aimed at raising awareness among developers about how they can better support content editors, web marketers (and all the job positions involved in the SEO process) by integrating the tools best suited to their tasks, including AI, which is playing a major role in SEO today.

[View online](#)

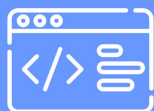
Price: 48,00 €

Start date: 05.12.2024

Instructor(s): Ludovic GIAMBIASI

Language: English

Difficulty: Beginner





TCP/IP DEEP DIVE FOR PRACTITIONERS WITH WIRESHARK

This course will provide you with an explanation of important internet and TCP/IP protocols by going through practical exercises using Wireshark for each protocol. The course will also explain Wireshark GUI and its functionality for packet analysis.

[View online](#)

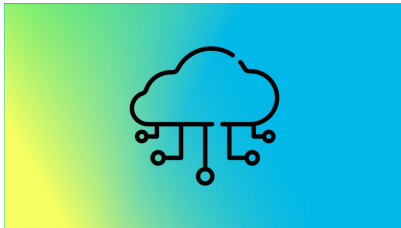
Price: 48,00 €

Start date: 29.11.2024

Instructor(s): Dr. HOMMES Stefan

Language: English

Difficulty: Intermediate



YOUR JOURNEY TO THE CLOUD (FR)

Ce Learning Track "Your Journey to the Cloud" est basé sur 6 modules. Ce programme est une opportunité en or pour ceux qui souhaitent construire ou renforcer leurs compétences dans le domaine du Cloud Computing et booster leur carrière dans ce domaine.

Il se compose des modules suivants :

[View online](#)

Price: 168,00 €

Start date: 26.11.2024

Instructor(s): Davy Detaille, Jean-Noël Charon, Ismet Bigay

Language: French

Difficulty: Beginner

