

# TRAINING COURSE CATALOG 2021



**PECB**





## THE STATURE OF PECB TRAINING COURSES

We are at a time in which our own existence is changing under the influence of new technologies. For us at PECB, each perceived challenge opens up many new opportunities for offering excellent training courses — second to none.

The variety of advanced training courses and certification services we offer make decision-making easier for you to boost your career.

We continuously strive to translate our efforts and commitment to provide excellence in keeping our training courses updated with the latest trends, standards, best practices, and approaches. Our experts work tirelessly to bring valuable, sophisticated training courses, containing relevant information that meet your needs and serve as a reliable source of information; all that made possible through our customer-oriented approach at the core of our company culture.

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*PECB has over the years made the provision of quality training courses and certification services that truly speak to its customers' needs an ingrained habit. This analogy applies to our steady stream of continual improvement, with innovation and creativity happening systematically. By building a continuous improvement culture and translating it into a shared mindset and philosophy, we have created a level of unparalleled services in this ever-changing business environment.*

**ERIC LACHAPELLE**

Chief Executive Officer at PECB

With education being an ever-evolving space, and learners increasingly diverse in nature and preferences, we have options available that respond to each learner's need and preference of receiving information, from traditional and contemporary learning practices to innovative ones, offering a jump start on the path to excellence.

We listened, and answered. Easing the road to success. Isn't that the ultimate goal?





## GO BEYOND THE ORDINARY AND LEARN IN THE FORMAT THAT SUITS YOU BEST

### How can our certification training courses help you shape your career path?

While every individual and organization is unique, we have tailored each of our training courses to reflect and address the needs and requests of the individuals in the modern world; that being an ever-changing environment with day-to-day evolving technologies. To keep you ahead of the trends, we have developed training courses in an array of topics ranging from information security, business continuity, health and safety, data protection, sustainability, and more.

It is time for you to be in charge of your personal development, and we are here to accompany you in this journey.

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*Currently, organizations are at the forefront of unprecedented change, and as they enter this digital race, speed, agility, and adaptability have become highly-prized attributes. At PECB, we are driven and culturally powered by a systemic process of continual improvement, embedded in our company's DNA. This way, we offer solutions for all individuals who are eager to obtain specialized knowledge or skill set and consequently gain internationally recognized certifications.*

*New tools, methodologies, and techniques, incorporated in our training course materials and diligently executed by our teams, assure transformational results.*

### **FATON ALIU**

Co-Founder, President,  
and COO at PECB

# PECB Training Course Delivery Formats



Education is an ever-evolving space. That is why in this increasingly diverse world of individuals and rapid digital transformation reshaping every aspect of our lives, the "one-size-fits-all" concept simply does not apply anymore. It is therefore imperative that each education provider understand how to embrace this trend by acknowledging, and most importantly, addressing the diverse nature, unique needs, and learning preferences of each individual.

We remain committed to acknowledge this multitude of different types of learners and help them all equally improve their skills and develop professionally and intellectually. In order to achieve this, and ensure that learning is enriching, PECB has options available that easily and effectively respond to each learner's needs and preferences of receiving information.

Our training course delivery formats reflect an amalgamation of successful traditional, contemporary, and innovative learning practices.

Take the next step in your education and competence development by learning more about our training course delivery formats.

## **Classroom**

Our classroom training courses are participant-centered and delivered in different venues worldwide by PECB Certified Trainers.

This training delivery format can be especially beneficial for those wishing to learn through cooperative activities and group work as well as have interaction with peers, share experiences, ideas, and opinions. This remains the most comprehensive format that allows participants to capture the entire experience of training.





### **Live Online**

Our live online training courses are synchronized events organized in a live virtual meeting room/classroom environment. These training courses offer an engaging and interactive learning experience led by PECB Certified Trainers via sophisticated tools that allow remote teaching.

This training delivery format makes learning more accessible to our candidates in new ways, especially to those who do not have traveling as an option, or when late classes are the only feasible alternative.

### **eLearning**

The PECB eLearning training courses are neither location constrained nor time bound. This method is technologically enabled and is delivered by PECB Certified Trainers in pre-recorded video format. These training courses have been catered to meet each individual's needs and have been designed with the aim of transcending spatial and temporal restrictions.

With the PECB eLearning, it has never been easier and more convenient to be a learner. You can take these training courses on any device and from any location that makes learning a comfortable experience owing to the flexibility and freedom it offers. Participants will take quizzes that will allow for interactivity, and will be equipped with additional reading material to enhance their knowledge. For those interested, our Resellers also will provide additional Live Q&A sessions with competent trainers to offer additional coaching.



## CONTINUAL IMPROVEMENT CULTURE

Good. Better. Best. The three defining characteristics of our continual improvement philosophy.

We are constantly listening, learning, and evolving – just like you. And our training courses and certification services are a reflection of your feedback, needs, and preferences brought to life.

With some of the best-known and most widely used standards, methodologies, approaches, and innovative technologies, our state-of-the-art training courses are simply tailored to fit your world.



# INFORMATION SECURITY AND RESILIENCE

## Cybersecurity

- ✓ Cybersecurity based on ISO/IEC 27032
- ✓ SCADA Security
- ✓ Ethical Hacking
- ✓ Computer Forensics
- ✓ Lead Cloud Security Manager
- ✓ ISO/IEC 27033 Lead Network Security Manager
- ✓ Penetration Testing
- ✓ Cybersecurity Essentials
- ✓ CMMC-AB Professional

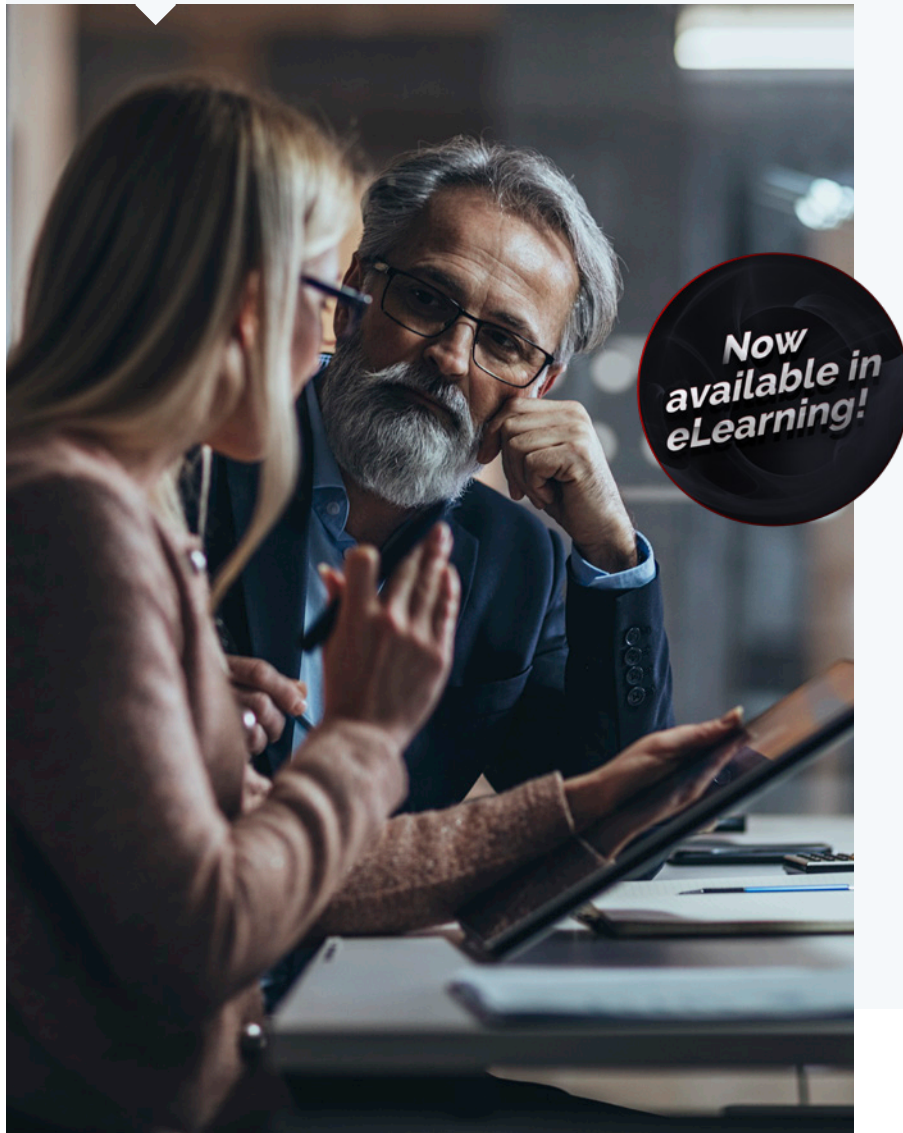
## Continuity, Resilience, and Recovery

- ✓ Business Continuity Management Systems based on ISO 22301
- ✓ Disaster Recovery
- ✓ Organizational Resilience based on ISO 22316
- ✓ Business Impact Analysis based on ISO/TS 22317
- ✓ Emergency Management based on ISO 22320
- ✓ Crisis Management

## Information Security

- ✓ Information Security Management Systems based on ISO/IEC 27001
- ✓ Information Security Controls – Best practices based on ISO/IEC 27002
- ✓ Information Security Risk Management based on ISO/IEC 27005

# INFORMATION SECURITY MANAGEMENT SYSTEMS BASED ON ISO/IEC 27001



## GETTING STARTED WITH YOUR ISO/IEC 27001 CERTIFICATION

The ever-evolving security landscape is constantly increasing the need for experts in this professional field. Getting started with your ISO/IEC 27001 certification shows that you are driven to acquire and demonstrate the skills, knowledge, and expertise to support an organization to successfully implement, manage, and maintain an information security management system (ISMS) which as a result helps avoid threats, vulnerabilities, and possible negative impacts. This enables you to establish a systematic analysis of an organization's information security risks and ensure the protection of the sensitive data. One of the major benefits for individuals who seek to pursue this certification is that the standard is recognized internationally as a best practice, allowing you to instill a continual improvement culture in organizations and ensure their compliance with regulations and requirements.

We have convenient solutions for all of you who wish to pursue a career in auditing too; carry out internal and external audits of an ISMS in an organization, by applying widely recognized audit principles, methodologies, and techniques in compliance with the respective ISO and other regulatory standards and frameworks.


*According to Mondo, information security managers can net up to \$215,000 a year.*

## WHY GET ISO/IEC 27001 CERTIFIED

Information security management enables you to help organizations protect their data and privacy in the most efficient way. Considering the evolving cyber-attacks and their sophistication, the volume of valuable information handled by organizations, and the complexity of supply chains, organizations need to have a well-established security system and ISMS, and a competent team that ensure the protection of data. Getting certified against this standard demonstrates a commitment to information security at all levels of the organization and shows to your potential and existing customers your personal and the organization's credibility and trustworthiness.





TRAINING COURSE	LEARNING OBJECTIVES	
<b>ISO/IEC 27001 INTRODUCTION</b>	Understand the key components of an ISMS based on ISO/IEC 27001	1 DAY
<b>ISO/IEC 27001 FOUNDATION</b>	Gain knowledge on the fundamental components necessary to implement and manage an ISMS based on ISO/IEC 27001	2 DAYS
<b>ISO/IEC 27001 LEAD IMPLEMENTER</b>	Develop the skills to support an organization in implementing and maintaining an ISMS based on ISO/IEC 27001	5 DAYS
<b>ISO/IEC 27001 LEAD AUDITOR</b>	Acquire the knowledge and skills to perform an ISMS audit by applying widely recognized procedures, and techniques	5 DAYS

# INFORMATION SECURITY RISK MANAGEMENT BASED ON ISO/IEC 27005



## GETTING STARTED WITH YOUR ISO/IEC 27005 CERTIFICATION

PECB certifications are a mark of excellence. Regardless of the certification you choose to obtain in this scheme, it will prove that you have acquired the necessary knowledge and have developed the skills and competence to support an effective information security risk management process in an organization. In addition, you will obtain a comprehensive understanding of risk assessment methods such as OCTAVE, EBIOS, MEHARI, and harmonized TRA. Therefore, this certification will prove that you are able to identify, assess, analyze, evaluate, and treat various information security risks faced by organizations.


*According to the World Economic Forum, cyberattacks are perceived as the #2 global risk of concern to business leaders.*

## WHY GET ISO/IEC 27005 CERTIFIED

Getting certified against this standard makes you a valuable asset for organizations as your expertise will help them integrate and manage information security based on a risk management approach, by providing the best practical guidance on risk assessment, with a focus on threats, vulnerabilities, likelihoods, and impacts. In addition, your expertise will help an organization to conduct an effective risk analysis in order to decide whether risks need to be treated, and choose the most appropriate risk treatment strategies and methods.





TRAINING COURSE	LEARNING OBJECTIVES	
<b>ISO/IEC 27005 INTRODUCTION</b>	Understand the fundamental concepts, definitions, approaches, and methods used to manage information security risks based on ISO/IEC 27005	1 DAY
<b>ISO/IEC 27005 FOUNDATION</b>	Gain knowledge on interpreting the guidelines of ISO/IEC 27005 in order to identify, assess, and manage information security-related risks	2 DAYS
<b>ISO/IEC 27005 RISK MANAGER</b>	Develop the skills to carry out risk management processes related to information security assets by following guidelines of ISO/IEC 27005	3 DAYS
<b>ISO/IEC 27005 LEAD RISK MANAGER</b>	Acquire the expertise to support an organization in performing information security risk management processes by referring to the guidelines of ISO/IEC 27005	5 DAYS

# INFORMATION SECURITY INCIDENT MANAGEMENT BASED ON ISO/IEC 27035

## GETTING STARTED WITH YOUR ISO/IEC 27035 CERTIFICATION

This certification validates that you have the knowledge and skills to identify, manage, and prevent information security incidents in your organization. It also ensures that you have the expertise to continuously improve an Information Security Incident Management process and implement a detailed approach that will allow you to be prepared and know how to respond to such incidents and minimize risks. In addition, it demonstrates that you can help an organization to detect, report, and assess information security incidents in addition to responding and managing potential vulnerabilities.

*"Damage related to cybercrime is projected to hit \$6 trillion annually by 2021." (Cybersecurity Ventures)*


## WHY GET ISO/IEC 27035 CERTIFIED

This certification helps individuals become worldwide recognized security professionals and be capable of minimizing the effect of any incident in an organization. This certification is intended for all individuals with interest in information technology security who are eager to learn the utmost skills and knowledge to protect their organization from security incidents and reduce business financial impacts. With your expertise and skills gained in this training course, the organization you work for will acquire the competence to evaluate cost-benefits and resource-allocation based on incident-response and management capabilities, by which it will effectively respond to information security incidents.







TRAINING COURSE	LEARNING OBJECTIVES	
ISO/IEC 27035 INTRODUCTION	Get introduced to the information security incident management process based on ISO/IEC 27035	1 DAY
ISO/IEC 27035 FOUNDATION	Gain knowledge on the main elements on implementing a Security Incident Management Plan and manage information security incidents	2 DAYS
ISO/IEC 27035 LEAD INCIDENT MANAGER	Gain the skills and knowledge to support an organization in implementing and managing an Information Security Incident Management Plan in accordance with the guidelines of ISO/IEC 27035	5 DAYS

## CYBERSECURITY BASED ON ISO/IEC 27032



### GETTING STARTED WITH YOUR ISO/IEC 27032 CERTIFICATION


Obtaining the ISO/IEC 27032 certification shows your commitment in your profession and validated skills and knowledge gained during this training course. It also proves that you have developed the required knowledge and skills to help an organization establish and manage a cybersecurity program, improve the state of cybersecurity, and successfully protect an organization's data from any actions that can cause incidents, attacks, and other disruptions. You will be able to successfully develop and maintain an effective cybersecurity program, and draw together all the domains for an organization's maximum benefit.

*According to Statista, global cybersecurity market size is forecasted to grow to €220 billion by 2023.*

### WHY GET ISO/IEC 27032 CERTIFIED

This certification will get you one step ahead with the developments in the field of cybersecurity. You will be equipped with the knowledge to proficiently manage and address cybersecurity issues in order to protect an organization's assets from potential harm. Such benefits come along with ISO/IEC 27032 guidelines which help to establish a consistent and iterative approach to manage cybersecurity issues and protect networks, computers, and data from unauthorized access.



TRAINING COURSE	LEARNING OBJECTIVES	
<b>ISO/IEC 27032 CYBERSECURITY INTRODUCTION</b>	Understand the key components of a cybersecurity program based on ISO/IEC 27032	1 DAY
<b>ISO/IEC 27032 CYBERSECURITY FOUNDATION</b>	Gain knowledge on the best practices, concepts, approaches, and techniques for the implementation of a cybersecurity program	2 DAYS
<b>ISO/IEC 27032 LEAD CYBERSECURITY MANAGER</b>	Develop the skills necessary to address common cybersecurity issues and manage the implementation of a framework as specified in ISO/IEC 27032 and the NIST cybersecurity framework	5 DAYS

*Note: The ISO/IEC 27032 Introduction training course is currently being developed and may be available upon request.*



# COMPUTER FORENSICS



## GETTING STARTED WITH YOUR COMPUTER FORENSICS CERTIFICATION

A Computer Forensics certification proves that you have the ability to analyze the information on a potential cyber-crime scene in order to find digital evidence which leads to the cause of the incident and can be useful during legal proceedings. Furthermore, this certification demonstrates that you are able to exploit backdoors that must be patched in such environments. Such theoretical and practical abilities are developed by the usage of the latest comprehensive security methodologies of network systems, encryption technology, and file operating systems.


Moreover, this certification demonstrates your ability to accurately search and analyze a large amount of information quickly and efficiently, and it develops your skills to establish an organization's security, forensics, and incident response capabilities.

*"90% of remote code execution attacks are associated with cryptomining." (CSO Online)*

## WHY GET COMPUTER FORENSICS CERTIFIED

The job opportunities outlook for all of you who decide to follow this career is quite bright. Growth is expected to be quite fast when it comes to this profession, as the rate of cybercrimes as well as usage of computers is increasing. However, as with any career, opportunities depend largely on experience and education that one brings to the table. Obtaining this certification validates the skills and knowledge gained for you to provide organizations with a well-structured investigation and follow-up process which can be used to solve the potential incidents and overcome the potential malfunctions. Before an organization is significantly affected, your expertise will help them to first identify the tools to be used, analyze data in a cost-effective way, and identify crimes. Ultimately, organizations will minimize the chances for malicious insiders to cover their tracks, which shows that they have good governance and are compliant with regulations.



TRAINING COURSE	LEARNING OBJECTIVES	
<b>COMPUTER FORENSICS INTRODUCTION</b>	Gain knowledge on the fundamental concepts of the implementation and management of computer forensics processes	1 DAY
<b>COMPUTER FORENSICS FOUNDATION</b>	Understand the fundamental elements and tools to implement a computer forensics process	2 DAYS
<b>LEAD COMPUTER FORENSICS EXAMINER</b>	Master the computer forensics process based on best practices and get acquainted different forensic tools and methodologies	5 DAYS

*Note: The Computer Forensics Introduction training course is currently being developed and may be available upon request.*



# LEAD CLOUD SECURITY MANAGER

## GETTING STARTED WITH YOUR LEAD CLOUD SECURITY MANAGER CERTIFICATION

The Lead Cloud Security Manager certification based on ISO/IEC 27017 and ISO/IEC 27018 demonstrates your competence to implement and manage a cloud security program by following industry's best practices. By following a cloud management framework in effectively planning, implementing, managing, monitoring, and maintaining a cloud security program, you will be able to help organizations achieve the industry recommended best cloud practices and contribute to improving their overall security.

**NEW  
TRAINING  
COURSE**

## WHY GET LCSM CERTIFIED

The COVID-19 pandemic accelerated the cloud adoption market in the 3<sup>rd</sup> quarter of 2020 by 33% to a total of \$36.5 billion, nine billion dollars higher from the same period last year. While the CISCO report predicts that by 2021, 94% of the internet workload will be processed in the cloud, the importance of creating a secure cloud infrastructure for the organizations of the future is crucial. The asset security of an organization is closely affected by the infrastructure on which they reside and the security that these infrastructures provide for them, in our case the cloud-based ones. By becoming a PECB Certified Lead Cloud Security Manager, you will acquire the necessary skills and knowledge to plan and implement a secure cloud infrastructure for these organizations, as well as manage and monitor their security continuously. This certification will help you to expand your professional knowledge and pursue a successful career in cloud security.



## ISO/IEC 27033 LEAD NETWORK SECURITY MANAGER

### GETTING STARTED WITH YOUR ISO/IEC 27033 CERTIFICATION

An ISO/IEC 27033 certification demonstrates your ability to help organizations design and implement network security and use or manage information system networks. By following PECB's structured approach to network security implementation, you will be able to learn how to interpret and implement ISO/IEC 27033 guidelines in the specific context of the organization. Based on best practices, the PECB approach will help you acquire the necessary knowledge on how to support the organization in achieving quality network security architectures and improving the overall network security.



**NEW  
TRAINING  
COURSE**

### WHY GET ISO/IEC 27033 CERTIFIED

Every second, a huge amount of information is transferred from a device to another. Having these devices connected to other networks simplifies the process of accessing the information but it also increases the chance of this information being exposed. With the increasing reliance on technology, organizations nowadays aim to secure every aspect of their information. Information security is directly affected by the security of the devices on which it is contained and the security of communication links between these devices. By becoming a PECB Certified ISO/IEC 27033 Lead Network Security Manager, you acquire the required expertise to secure these communications in addition to implementing and managing the network security within the organization. This certification will help you expand your professional knowledge and pursue a successful career in network security.

# PENETRATION TESTING

## GETTING STARTED WITH YOUR PENETRATION TESTING CERTIFICATION

This training course is the right choice for you if you wish to master penetration testing and thrive in your job career. Designed and developed by industry experts who have in-depth experience in this specific field, this training course is focused specifically on the knowledge and skills needed by professionals looking to lead or take part in penetration tests.

A PECB certification in penetration testing will prove your professional abilities of planning, designing, and implementing an effective program to protect organizations' systems with the latest testing methodologies and penetration practices. Along with the in-depth hands-on practical skills, this training course equips you with the management skills you need to lead a penetration test, taking into account business risks and key business issues.

## WHY GET PENETRATION TESTING CERTIFIED


With the growing number of systems being connected to cyberspace, threats and malicious attacks are also evolving and increasing. The silver lining of such a situation is that job prospects for penetration testers are on the rise. The knowledge and skills gained during this training course will enable you to support organizations to determine where they stand in terms of security, detect attacks, respond in time against attacks, and test their cyber-defense capabilities.

This whole effort to discover any potential exploits that may be present in their systems will allow organizations to help protect customers, which creates trust and good reputation — a crucial part of which is largely depended on the professionalism and competence of the penetration tester.







TRAINING COURSE	LEARNING OBJECTIVES	
PEN TESTING INTRODUCTION	Get an introduction to the main Penetration Testing concepts and principles	1 DAY
PEN TESTING FOUNDATION	Learn the fundamental tools and techniques to efficiently conduct Penetration Tests	2 DAYS
LEAD PEN TEST PROFESSIONAL	Gain the knowledge and skills to lead a professional Penetration Test using a mix of practical techniques and management skills to analyze the test results	5 DAYS

*Note: Pen Testing Introduction and Foundation training courses are under development and may be available upon request.*



# CYBERSECURITY ESSENTIALS

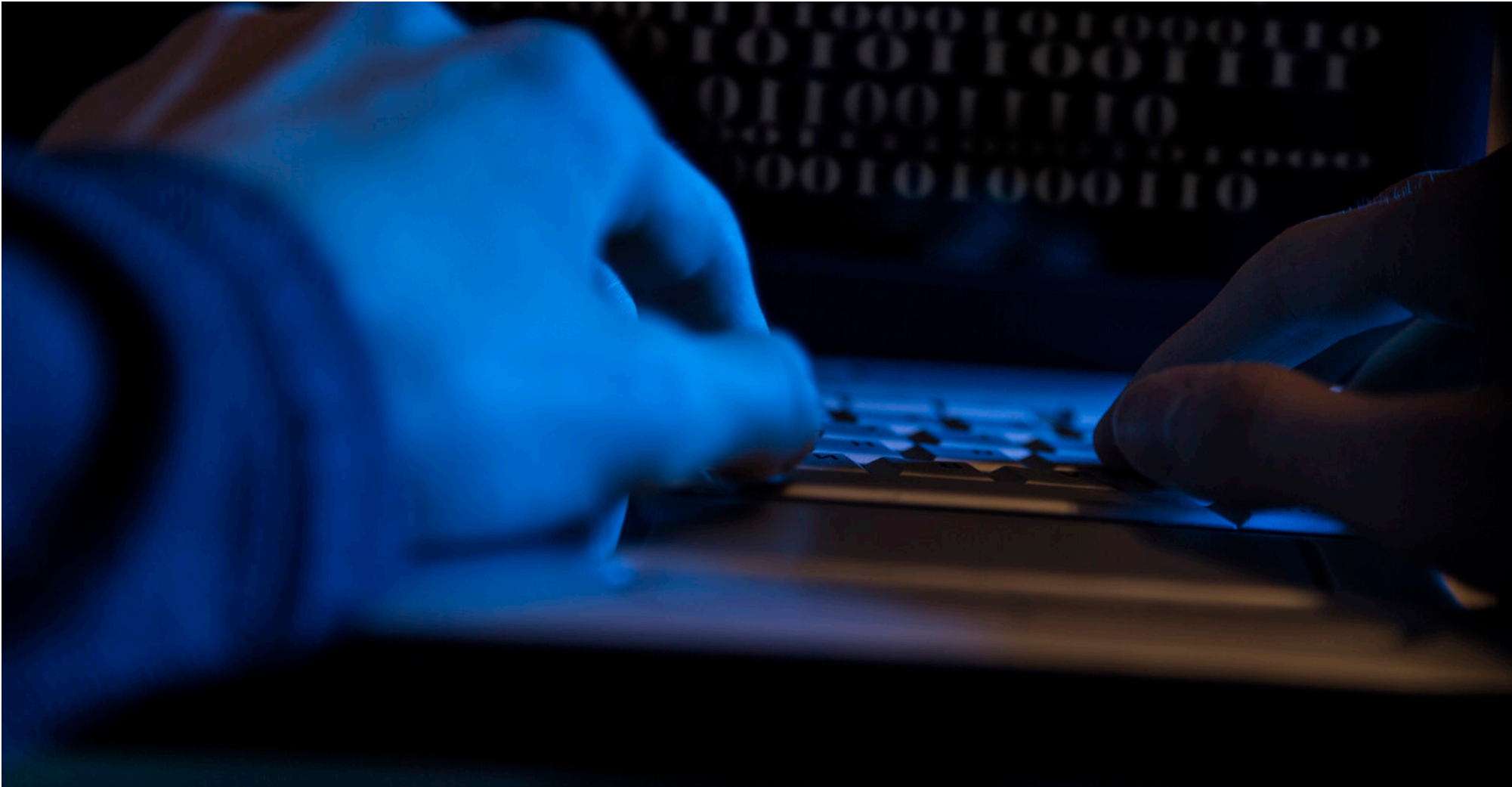
## GETTING STARTED WITH YOUR CYBERSECURITY ESSENTIALS CERTIFICATION


As more organizations move their operations online, and with cyberattacks on the rise, the need for competent and skilled cybersecurity professionals is projected to grow. Cybersecurity-related job positions are among the top in-demand positions, a number that will be much higher in the next decades.

Obtaining this certification will demonstrate that you have developed the fundamental skills and knowledge in different areas related to cybersecurity. This training course has been designed to prepare anyone to become a cybersecurity professional. Throughout this training course, you will gain a comprehensive knowledge of cybersecurity, the relationship between cybersecurity and other types of IT security, etc. In addition, it equips you with the ability to develop a framework that identifies processes that are the most vulnerable to cyberattacks; and that must be considered in order to ensure that business and clients will not be at risk.

## WHY GET PENETRATION TESTING CERTIFIED

The cybersecurity field presents diverse career opportunities. Nowadays, the importance of cybersecurity is indisputable, and is constantly in the spotlight. Every day, we see reports and projections on the internet about the rapid growth of the cybersecurity industry on one hand and the skills gap that has to be filled on the other. This is a result of the rapid increase of attacks which organizations are dealing with each year. That is why this certification will add to the value of your existing skills and knowledge and will enable you to help your organization to be protected from cyberattacks, and at the same time be more efficient by saving costs, improving productivity, and focus on organizational objectives.



TRAINING COURSE	LEARNING OBJECTIVES	
CYBERSECURITY ESSENTIALS	Learn the fundamental principles, concepts, and practices of cybersecurity and obtain the knowledge and skills to initiate your career as a cybersecurity professional	10 DAYS

*Note: The Cybersecurity Essentials training course is under development and may be available upon request.*





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*PECB is a leader in ISO training and certification for a good reason. The training course material is eloquent and broken down into manageable pieces that enable discussions during training course sessions. As a reseller, I have received support and collaboration from PECB and I can always rely on prompt, efficient, and professional services from its teams.*

**NABIL ALY**

Founder/CEO at NISKAA Group



# BUSINESS CONTINUITY MANAGEMENT SYSTEMS BASED ON ISO 22301



## GETTING STARTED WITH YOUR ISO 22301 CERTIFICATION


Obtaining an ISO 22301 certification will demonstrate that you have the necessary expertise to establish a framework for identifying, preventing, and reducing threats for the organization you work for, and quickly recover in case of incidents and disasters. By providing a cost-saving strategy, the organization's financial performance is improved, and it allows the organization to continue operating efficiently during critical predicaments. In addition, it strengthens your management skills by providing you with a clear understanding of how a business continuity strategy is built. This allows you to be flexible during localized disruptions or international disasters, and maintain an efficient delivery of services even when the business is facing a crisis.

*According to Horizon Score Report in 2020, 27.5% of the responders claimed that ISO 22301 certification helped to reduce insurance costs, whilst 25.2% claimed it helped to support international trade.*

## WHY GET ISO 22301 CERTIFIED

Between the unpredictability of natural disasters, information security breaches, and incidents of different nature, preparedness can make any organization stand out in the crowd and predict the future of their business. The need for professionals in this field has always existed. A certification in this field gives you the opportunity to get employed by different organizations so as to help them be resilient and minimize major losses and the recovery time of critical functions. Helping organizations prepare for the unexpected and ensure that critical operations continue to be available without interruptions is a must in today's unpredictable business environment. Whether you choose to pursue a career in implementation or auditing, our certification opportunities are available to help you pave the way to success.



TRAINING COURSE	LEARNING OBJECTIVES	
ISO 22301 INTRODUCTION	Understand the main concepts of business continuity management	1 DAY
ISO 22301 FOUNDATION	Understand the essential principles, concepts, and techniques of a BCMS and the requirements of ISO 22301	2 DAYS
ISO 22301 LEAD IMPLEMENTER	Gain a comprehensive understanding of the BCMS implementation techniques and learn how to lead a team in implementing a BCSM based on ISO 22301	5 DAYS
ISO 22301 LEAD AUDITOR	Obtain knowledge and become competent to audit an organization's BCMS against the requirements of ISO 22301	5 DAYS
ISO 22301:2019 TRANSITION	Understand the difference between ISO 22301:2012 and ISO 22301:2019 and help organizations transition to the new standard	2 DAYS

# DISASTER RECOVERY



## GETTING STARTED WITH YOUR DISASTER RECOVERY CERTIFICATION

Gaining this certification demonstrates your determination to achieve a certain level of professional competence in the industry. It also validates that you have the expertise to support an organization in implementing, maintaining, and managing an ongoing Disaster Recovery Plan as part of a reliable backup and recovery plan. As a result, you will help organizations enhance their level of preparedness in order to keep the business running in case of human or naturally triggered disruptions in the IT infrastructure.

The training course contains examples based on real-life scenarios, as such you will gain hands-on experience and design a Disaster Recovery Plan, enabling you to provide a sense of security for organizations by minimizing the risk of delays and assuring the reliability of standby systems.


*"93% of companies without Disaster Recovery who suffer a major data disaster are out of business within one year." (Hughes)*

## WHY GET DISASTER RECOVERY CERTIFIED

There are many career paths you can take as a disaster recovery professional, and this certification will serve as an accurate portrayal of what you can do. The knowledge and skills mastered during this training course will ensure that the organization you work for has an effective system in place for the backup and recovery of key activities in order for the organization to quickly get back on track, and preserve its reputation with customers and partners in case of a disaster. In unpredictable events of any sort, your expertise will serve organizations in increasing the likelihood of business survival and making sure that they are operating in compliance with industry regulations.





TRAINING COURSE	LEARNING OBJECTIVES	
DISASTER RECOVERY INTRODUCTION	Understand the main concepts of a disaster recovery plan	1 DAY
DISASTER RECOVERY FOUNDATION	Gain knowledge on the disaster recovery plan development process	2 DAYS
DISASTER RECOVERY MANAGER	Acquire the knowledge and develop the skills necessary to establish a disaster recovery plan	3 DAYS
LEAD DISASTER RECOVERY MANAGER	Master the skills and enable yourself to help organizations implement, main and manage an ongoing disaster recovery	5 DAYS

## RISK MANAGEMENT BASED ON ISO 31000



### GETTING STARTED WITH YOUR ISO 31000 CERTIFICATION


Risk has a constant presence in the business world. Its presence reflects the need for competent professionals who have the skills and knowledge to properly deal with them. Getting started with your ISO 31000 certification is a significant proof of your commitment and validated capabilities of improving operational efficiency, governing, and managing organizational risks. It will enable you to structure a Risk Management Framework based on international best practices which facilitates the identification, analysis, treatment, assessment, and evaluation of risks that are or can be faced by an organization. Moreover, this certification will help you to gain the skills to analyze and assess different factors that will improve management techniques across the organization where you operate and improve your personal performance and resilience.

*"By 2025, 50% of global midmarket and large enterprises will depend on risk management solutions to aggregate digital risks in their business's ecosystem, up from 10% in 2018." (Gartner)*

### WHY GET ISO 31000 CERTIFIED

Risk management is a key driver for success and an important part of strategic and operational planning, management decisions, and governance. Getting your ISO 31000 certification helps you engage in professional development and standout in a competitive marketplace as organizations as constantly in need of such professionals. Risk management is nowadays a crucial component for each organization, and your competence and skills will ensure that the organization has in place an effective risk management program based on best practices, which will enable them to manage risks effectively in order to perform well in an environment full of uncertainties.



TRAINING COURSE	LEARNING OBJECTIVES	
ISO 31000 INTRODUCTION	Understand the basic concepts of risk management based on ISO 31000	1 DAY
ISO 31000 FOUNDATION	Gain knowledge on the main components of ISO 31000, principles, and approaches of managing risks	2 DAYS
ISO 31000 RISK MANAGER	Acquire the skills and knowledge to implement risk management processes and frameworks in an organiza by following the guidelines set out in ISO 31000	3 DAYS
ISO 31000 LEAD RISK MANAGER	Develop the competence to successfully implement a risk management process based on ISO 31000 by using risk assessment methodologies provided in ISO 31010	5 DAYS



# CERTIFIED DIGITAL TRANSFORMATION OFFICER (CDTO)

## GETTING STARTED WITH YOUR DIGITAL TRANSFORMATION OFFICER CERTIFICATION

This certification demonstrates your comprehensive knowledge and ability to use, implement, and manage new digital transformation technology across business operations and processes. PECB's robust and structured approach to digital transformation is built upon five main topics related to the digital transformation officer role such as blockchain, artificial intelligence, big data, cloud computing, and Internet of Things (IoT). By following this approach, you will strengthen the competence in developing and maintaining a digital transformation strategy by applying theory in real-life cases.

### WHY GET DTO CERTIFIED

What makes an organization stand out in the long term? Obviously, its ability to drive digital innovation and transformation across its business operations. The role of a digital transformation officer is crucial in determining and leading the digital strategy within an organization. For this reason, a digital transformation officer should be someone proficient at applying digital technologies to the business, expanding the digital innovation landscape, and driving the digital innovation. By becoming a PECB Certified Digital Transformation Officer (CDTO), you create a solid base for your career in the digital transformation area and expand your professional knowledge in emerging technologies including blockchain and artificial intelligence.



# DIGITALIZATION AND ELECTRONIC ARCHIVING (DEA)

## GETTING STARTED WITH YOUR LEAD DEA MANAGER CERTIFICATION

Obtaining this certification will demonstrate that you have the practical knowledge and professional capacities to properly lead and manage a team and project of digitalization and preservation/archiving of digital data. This training course has been designed with the future of data and new technologies in mind enabling you to acquire the knowledge and skills for an effective Digitalization and Electronic Archiving of data, namely, security techniques, risk analysis, identification of legal and regulatory issues, and contractual and insurance aspects. In addition, this certification proves that you have the ability to effectively digitalize and choose a feasible solution for the documentation of any process.


## WHY OBTAIN A CERTIFICATION IN DIGITALIZATION AND ELECTRONIC ARCHIVING

The innovative digital archiving technologies are being widely adopted by almost every organization in today's business ecosystem. This new age of digital archiving requires professionals who are competent to efficiently manage the information that is generated in an electronic environment, and convert the information presented on paper to a digital format favoring its management, search, access, and recovery. It will help to improve not only the maintenance of information but also its use, which will in turn improve the organizations' performance in terms of administration and management of files and information.







TRAINING COURSE	LEARNING OBJECTIVES	
<b>LEAD DIGITALIZATION AND ELECTRONIC ARCHIVING MANAGER</b>	Gain knowledge and skills to effectively manage a Digitalization and Electronic Archiving project	2 DAYS

*Note: The Lead Digitalization and Electronic Archiving Manager training course is under development and may be available upon request.*



# ARTIFICIAL INTELLIGENCE



## GETTING STARTED WITH YOUR ARTIFICIAL INTELLIGENCE CERTIFICATION

The PECB Certified Artificial Intelligence certification demonstrates your comprehensive knowledge of Artificial Intelligence fundamentals and their application areas. The Artificial Intelligence training course is focused on the acquisition of the knowledge related to the theoretical and practical aspects of Artificial Intelligence concepts, including machine learning, neural networks, and deep learning. This training course will help you understand the types of AI techniques and approaches used to solve real-world problems and how AI is transforming our lives.

## WHY OBTAIN A CERTIFICATION IN ARTIFICIAL INTELLIGENCE

Artificial Intelligence is considered the future of all complex decision-making processes. AI-related careers are also believed to be future proof, meaning they are likely to survive well into the future. With its ability to predict and recommend, Artificial Intelligence is benefitting different industries in their marketing strategies and tracking of customer behaviors. Artificial Intelligence concepts and methods are changing the way data is analyzed; however, integrating it within an organization can be very challenging. Therefore, organizations need individuals who are competent to initiate and manage a digital strategy that involves Artificial Intelligence. By having a PECB Artificial Intelligence certification, you ensure that you have understood the fundamental methodologies, requirements, and management approaches of Artificial Intelligence. This certification helps you expand your knowledge and pursue a successful career in the Artificial Intelligence area.

# BLOCKCHAIN



## GETTING STARTED WITH YOUR BLOCKCHAIN CERTIFICATION

This certification demonstrates your comprehension of the fundamentals of blockchain technology. PECB's approach to the blockchain training course is built upon the blockchain structure and its elements.

By following this approach, you will learn what blockchain technology is, how it works, and why it should be considered by individuals and organizations. This training course will also walk you through blockchain adoption and benefits that will help you make informed decisions and create numerous opportunities by ensuring ownership and copyright protection.

## WHY OBTAIN A CERTIFICATION IN BIG DATA

Blockchain technology is being widely adopted in banking, healthcare, government, data management, and cryptocurrency. It is considered a powerful innovation that plays a significant role in securing the integrity of transactions and ensuring identity by preserving privacy. The security of blockchain is mainly based on the use of cryptography and hashing functions. That is why, by understanding the fundamentals of this technology, you will acquire knowledge in key concepts of cryptography and hashing as well and will be able to apply them in your daily activities. The PECB Certified Blockchain credential creates a solid base for your career in blockchain technology and demonstrates your understanding of different aspects of blockchain from what blockchain is, its use cases, and adoption to blockchain benefits and characteristics.



# CLOUD SECURITY



## GETTING STARTED WITH YOUR CLOUD CERTIFICATION

This certification confirms your knowledge of cloud computing fundamentals. PECB's approach to cloud training course is built upon cloud characteristics, cloud service models, and cloud deployment models as defined in NIST SP 800-145. By following this approach, you will better understand the cloud adoption process and technical considerations of cloud migration.

This training course provides a clear understanding of how to interpret key characteristics, benefits, and delivery of hosted services through cloud service models: infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS).

## WHY OBTAIN A CERTIFICATION IN CLOUD

The rapid growth and adoption of cloud computing have proved to be an advantage for organizations that decided to migrate their IT frameworks to cloud servers. Cloud computing allows flexibility in resource utilization and data storage capacity based on business needs. Its ability to accommodate larger workloads without causing service disruption yields incremental revenue and increased business opportunities.

That is why obtaining the PECB Cloud certification is very important for everyone involved in the use and management of hosted services over the internet. This credential demonstrates your ability to identify, understand, and compare the cloud service models such as IaaS, PaaS, and SaaS, and the cloud deployment models like private, public, hybrid, and community.



# Internet of Things (IoT)



## GETTING STARTED WITH YOUR IoT CERTIFICATION

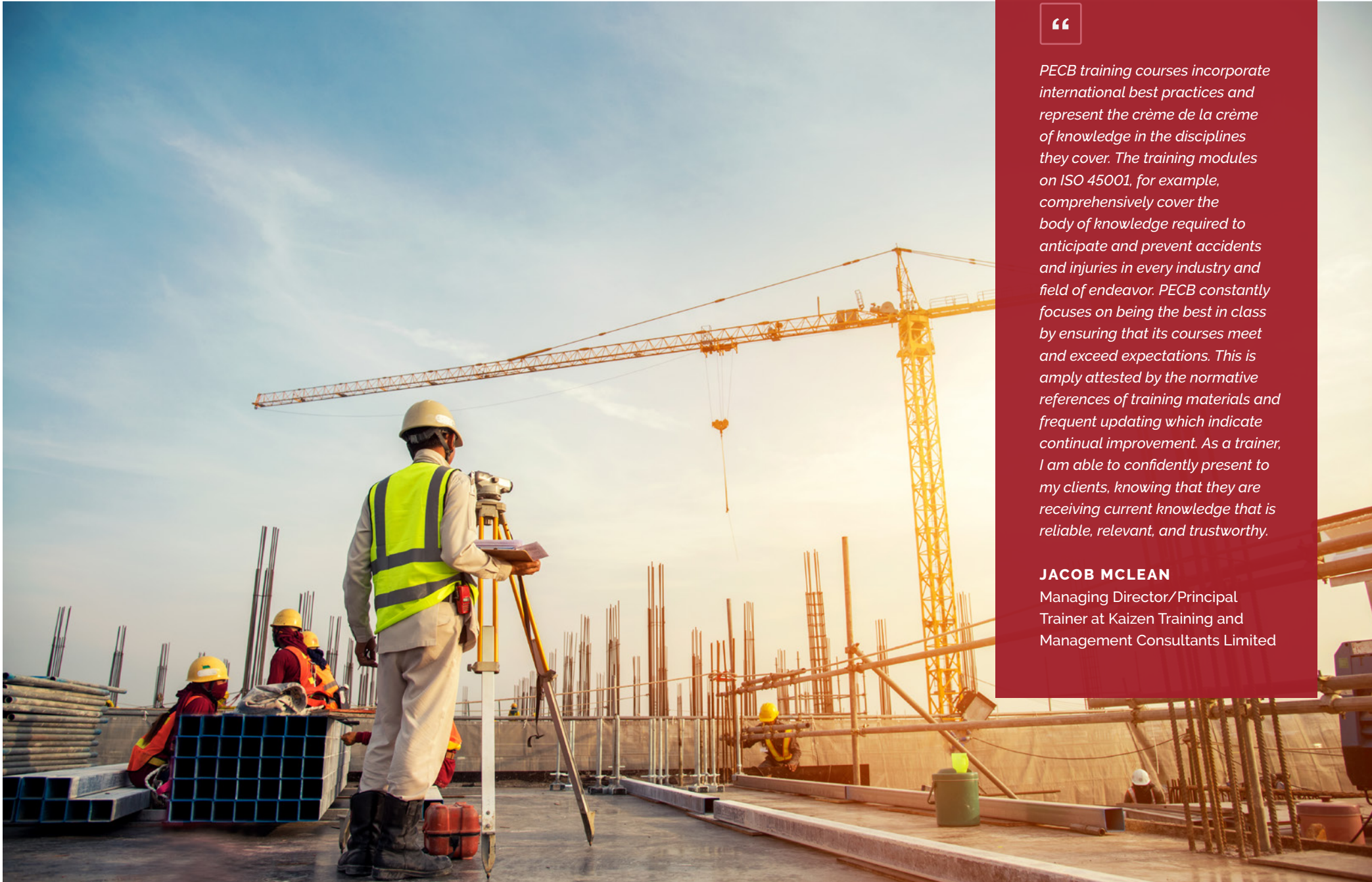
This certification will prove that you have understood the basic definitions and key characteristics of Internet of Things products and services.

The IoT training course covers the advantages of using IoT technologies in different businesses and new concepts that are driving IoT growth. By attending the IoT training course, you will develop a general understanding of the Internet of Things applications, architectural aspects, and security concerns related to the integration of IoT components in different technologies.

## WHY OBTAIN A CERTIFICATION IN IoT

The Internet of Things refers to a large number of devices that collect and share data through internet connections. These objects have sensors and intelligence components that make IoT adjustable to almost every technology which has increased the number of IoT applications.

By attending the IoT training course, you will be able to understand how IoT contributes to various environments by simplifying, improving, or controlling different processes. The PECB Certified IoT credential demonstrates that you have developed the necessary knowledge of how IoT components could be applicable in organizations and various environments based on its business perspective.



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*PECB training courses incorporate international best practices and represent the crème de la crème of knowledge in the disciplines they cover. The training modules on ISO 45001, for example, comprehensively cover the body of knowledge required to anticipate and prevent accidents and injuries in every industry and field of endeavor. PECB constantly focuses on being the best in class by ensuring that its courses meet and exceed expectations. This is amply attested by the normative references of training materials and frequent updating which indicate continual improvement. As a trainer, I am able to confidently present to my clients, knowing that they are receiving current knowledge that is reliable, relevant, and trustworthy.*

**JACOB MCLEAN**

Managing Director/Principal  
Trainer at Kaizen Training and  
Management Consultants Limited



## PECB ONLINE PLATFORMS

PECB eLearning



PECB KATE

PECB Exams





# INTRODUCING **KATE APP** COMPATIBLE WITH WINDOWS 8 AND UP & MACOS



## WHAT'S NEW IN KATE?

- ✓ HD slide quality resolution
- ✓ Settings feature which allows users to load low or high-resolution quality versions of slides, based on the preference set
- ✓ Option to download slides locally in KATE
- ✓ Search functionality for notes
- ✓ Slide thumbnails
- ✓ Full screen capability and exit
- ✓ Option to save the state/page of your slides when performing other actions while studying
- ✓ Wireless presenter remote control

Additional features that support the eLearning training course delivery format include:

- ✓ Learning through HD videos
- ✓ Taking interactive quizzes

**TRY IT NOW**

*For a better learning experience!*

# EXAMINATION AND CERTIFICATION

## PECB EXAMS — ONE STEP BEFORE CERTIFICATION

Taking PECB certification exams is an easy and efficient process. Our carefully developed exams are tailored to reflect the content covered during the training course, and encourage the usage of developed critical-thinking and problem-solving skills.

PECB certification exams are offered on a global scale through our network of resellers and distributors.

## PECB EXAM FORMATS

- a. **Paper-based:** Exams are provided on paper to candidates. The use of electronic devices, such as laptops, tablets, smartphones, etc., is not allowed. The exam session is supervised by a PECB Approved Invigilator at the premises where the Reseller organized the training course.
- b. **Online:** Exams are provided electronically via the PECB Exams application to candidates. The use of electronic devices, such as tablets and smartphones, is not allowed. The exam session is supervised remotely by a PECB Invigilator via the PECB Exams application and external/integrated camera.



## PECB EXAM TYPES



- a. **Multiple-choice** "closed book" exams where candidates are not allowed to use anything but the exam paper and a pen.
- b. **Multiple-choice** "open book" exams. Essay-type exams transitioning to multiple-choice exams will be "open book" as they will comprise scenario-based questions, that will allow PECB to evaluate candidates' knowledge, abilities, and skills to use information in new situations (apply), draw connections among ideas (analyze) and justify a stand or decision (evaluate). Candidates are allowed to use the following reference materials:
  - ✓ A copy of the standard
  - ✓ Training course materials
  - ✓ Any personal notes made by the candidate during the training course
  - ✓ A hard-copy dictionary

The duration of the exam varies according to the type of examination scheme:

**Foundation exam:**  
1 hour

**Manager exam:**  
2 hours

**Lead exam:**  
3 hours

**Note:** The exam duration above is applicable for both online and paper-based exams.

Additional time can be provided to candidates taking the exam in a language different from their mother tongue, if requested by the candidates:

**Foundation exam:**  
10 minutes

**Manager exam:**  
20 minutes

**Lead exam:**  
30 minutes

**To attend our training courses and begin the process, you can:**

- ✓ Find a training course provider in your region, by checking our [Partners List](#)
- ✓ Sign up for a PECB training course and exam from our [Event Schedule](#)
- ✓ Check the list of the available PECB exams [here](#)

For more information click [here](#).



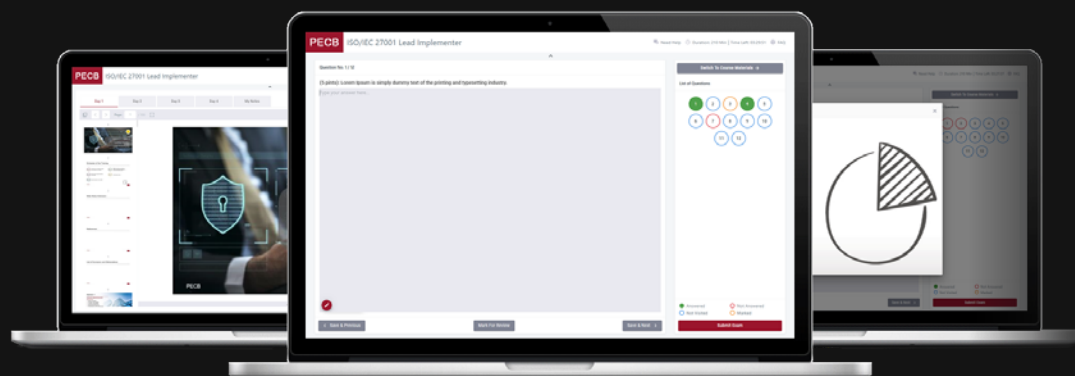
# PECB EXAMS APPLICATION

## *SIMPLE, FAST, FREE*

### Ready for Your Certification Exam?

For a whole new enjoyable experience, we have updated the PECB Exams application using the latest design trends. Take the exam from anywhere at any time, in an efficient, seamless, and secure manner.

TRY IT NOW



The result of our continuous effort to make the examination process even more effortless and adaptable to different audiences has been recently extended to brand new and dedicated versions of PECB Exams for PECB Authorized Testing Centers (ACTs) and Technical training courses certification exams.

#### Some of the main features of the new version of PECB Exams for ATCs include:

- ✓ No external/integrated webcam or microphone
- ✓ The only camera required in the testing center will be the one connected with the Invigilator computer to provide our system with feed covering the entire space used by the ATC online examinees.
- ✓ The testing center camera feed will be used by our system to take automatic screenshots and store them in the system to be reviewed for verifying compliance with our online examination policies.

Interested in authorizing your testing center to organize PECB private online exams and become a PECB ATC?

Fill out the application form by clicking [here](#).

#### PECB Exams - Technical

Dedicated to our customers interested in taking technical PECB certification exams online. This edition also allows candidates to freely select the exam location, date, and time. With this edition too, candidates are remotely invigilated by PECB authorized remote Invigilators.



## LET PECB CERTIFICATION BE YOUR CREDIBILITY EARMARK!

Education, validation, and recognition are just some of the defining qualities of a professional certification that affirms that an individual is driven to achieve, shows commitment to their profession, and most importantly, has gained validated skills and knowledge.

Whether you are just beginning your journey or are well on the path of a successful career in the field of ISO standards and other regulatory frameworks, PECB certification is your path to career enhancement and greater success in your chosen profession.

Our certifications serve as reliable evidence that you have met the minimum requirements for professional and ethical behavior, help you in the execution of your tasks, and help you achieve and manage all aspects of your work more effectively.

A worthwhile investment of time and resources — as a continuous thirst for knowledge often translates into building a thriving business and professional development

### **The PECB certification process is simple:**

- ✓ Decide which certification is right for you
- ✓ Attend the training course of your choice
- ✓ Prepare, schedule, and pass the exam
- ✓ Apply and get certified
- ✓ Maintain your certification