Szkolenie: CWNP
CWSA Certified Wireless Solutions Administrator

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<tr>
<th>FORMA SZKOLENIA</th>
<th>MATERIAŁY SZKOLENIOWE</th>
<th>CENA</th>
<th>CZAS TRWANIA</th>
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<td>4 dni</td>
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* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00
Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

Cel szkolenia:

While no certification can cover every single wireless technology in use today, it is important for wireless professionals to grasp the most frequently used wireless solutions in organizations. The Certified Wireless Solutions Administrator (CWSA) learning materials and exam will ensure students know these common wireless solutions and prove their knowledge through certification.

CWSA is built upon two decades of historic quality in WLAN (802.11) certifications and begins the extension of CWNP offerings into the non-802.11 wireless solutions:

- Internet of Things (IoT)
- Bluetooth Low Energy (BLE)
- Cellular Solutions (LTE, LTE-U, 5G, CBRS)
- Machine to Machine Communications (M2M)
- Zigbee
- Location Services
- Wired-Side Supporting Technologies
- High-Level Awareness of APIs and Automation/Integration Concepts
- Project and Program Management Specific to Wireless Solutions Projects

Who should attend?

If you are familiar with the CWNA certification and learning materials, the CWSA will have the same approximate depth and breadth of learning. In the future, additional certifications will address key areas in greater depth, such as automation/integration, IoT, private 5G, etc.
Each participant in an authorized CWNP CWSA training held in Compendium CE will receive a free CWSA-101 Certified Wireless Solutions Administrator Exam voucher.

Plan szkolenia:

- Introducing Wireless Technologies
  - Maintain continued awareness of wireless technologies and applications of those technologies
  - Understand industry standard, certification and regulatory organizations and standards development processes
- Wireless Network Use Cases
  - Define wireless network types
  - Administer the wireless solution while considering the implications of various vertical markets
- Planning Wireless Solutions
  - Identify and document wireless system requirements
  - Identify and document system constraints
  - Select appropriate wireless solutions based on requirements and constraints
  - Implement effective project management practices for wireless solution planning and implementation
- RF Communications
  - Explain the basic RF wave characteristics, behaviors and measurements used for wireless communications
  - Describe the fundamentals of modulation techniques used in wireless communications
  - Describe the basic use and capabilities of the RF bands and other wireless carriers (light and sound) used for communications
- Radio Frequency Hardware
  - Explain the basic capabilities of components used in RF communications
- Cellular Networks
  - Describe the fundamentals of modulation techniques used in wireless communication
  - Plan for technical requirements of the wireless solution
  - Understand the basic features and capabilities of common wireless solutions and plan for their implementation
- Short-Range, Low-Rate, and Low-Power Networks
  - Describe the fundamentals of modulation techniques used in wireless communications
  - Plan for the technical requirements of the wireless solution
  - Understand the basic features and capabilities of common wireless solutions and plan for their implementation
- Wireless Sensor Networks
Define wireless network types
Administer the wireless solution while considering the implications of various vertical markets

The Internet of Things (IoT)
Define wireless network types
Understand the basic features and capabilities of common wireless solutions and plan for their implementation

Securing Wireless Networks
Understand and implement basic installation procedures

Troubleshooting Wireless Solutions
Validate wireless solution implementations including RF communications and application functionality
Understand and implement basic installation procedures
Troubleshoot common problems in wireless solutions

Programming, Scripting, and Automation
Identify and document the wireless system requirements
Understand the wireless solution and consider key issues related to automation, integration, monitoring, and management
Plan for the technical requirements of the wireless solution
Understand and determine the best use of scripting and programming solutions for wireless implementations
Understand application architectures and their impact on wireless solutions

Wymagania:

Students should have basic networking knowledge, including understanding of the OSI Reference model.

Poziom trudności

Certyfikaty:

The participants will obtain certificates signed by Compendium CE (course completion).
When you pass the CWSA exam, you earn the CWSA certification and credit towards the CWSE certification should you choose to pursue it.
The Certified Wireless Solutions Administrator (CWSA) implements, administers and troubleshoots technologies that heavily rely upon, or directly integrate with, wireless systems in enterprise,
government, and manufacturing environments. This individual is able to install, customize, and coordinate appropriate solutions to meet an organization’s requirements and constraints.

CWSA exam is available through the Pearson VUE test centers.

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Prowadzący:

Authorized CWNP Trainer.