# Significance of Advanced Wireless Security Training by Elissa Joyce

Article published on February 28th 2012 | Computer

Do you have the ambition and desire to become a wireless security expert? If the answer is yes, then there are several places that offer such courses. When you complete one of these courses, you will be armed with the knowledge of all the latest trends in the field. Graduates are trained to deal with several types of situations and they gain hands on experience as well. The courses are designed and written by some of the leading experts in the field of wireless security. The Advanced Wireless Security or AWS course is the leading security course in the industry. Graduates of this course will have a curriculum that includes 20 percent lecture and 80 percent hands on training.

## Important Aspects Of The AWS

In order to complete the course the graduates will require a running knowledge of the various concepts of networking. Some security related experience will also come in handy. The basis of wireless networking and security will be covered during the workshop period. Once the basic topics are covered, students will move on to some of the more challenging aspects. The initial stage will serve as a good buffer for the rest of the course. During the last two days of the first module, graduates will be exposed to actual lab work. This prepares them for the real world. One of the main aspects of this workshop is the practical knowledge of wireless (802.11). Graduates will be exposed to the proper usage of antennas, cards and amplifiers.

## Guarding Against Attacks

The second module will concentrate on guarding against any possible attacks that might occur. The first stage will be theoretical and the second stage will be practical. During the practical part of the module, graduates will actually crack WPA/WPA2 in a controlled environment. You will also be instructed on the usage of rainbow tables and the basics of building a hardware program. By the end of the module you will have gained both theoretical and hands on knowledge in circumventing and preventing attacks and all possible defenses for such attacks. The â€œMan In The Middle Attacksâ€• will also be explored in the detail. This forms that base for the next module.

## Protecting Secure Wireless Connections

In order to protect a wireless network from wireless hacking you need to know, how to the hacking process happens. Government networks are constantly under threat and during this module students will learn how to hack into these as well as protect them. Most of the well-known and currently used defense methods will be covered during the module.

At the end of the workshop students are expected to have a working knowledge of wireless security and they can walk into any organization and start working from day one. However, in order to enroll for the course, some degree of knowledge in related fields in expected. Internet security experts are in demand through the world and the AWS will definitely boost up the resume.

Article Source:
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Choose your desired course and become a certified professional to make your future bright. The a wireless hacking and a wireless security courses are being popular as demand of professionals has been increased.

Article Keywords:
wireless hacking, wireless security

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