



CERTIFICATE COURSE IN Network Security (CCNS)

Course Fee: \$420.00 NZD

Description

The Certificate Course in Network Security introduces students to essential Network fundamentals by developing an understanding of key network infrastructure, hardware devices and technologies. Students will learn about the various network types (LANs, WANs, MANs, etc.), wired and wireless technology, TCP/IP overview, and internet/intranet architecture. In this information age when citizens are more connected via the internet, the protection, privacy, and security of our data is a critical concern. This course introduces students to Network Defense and Countermeasures and IT infrastructure management, increasing our understanding and developing the necessary skills to protect our organizations data from malicious attacks. Students will demonstrate learning through a practical skill-based Project at the end of the course.

Career Opportunities

These candidates will be trained in networking, network defense and counter measures, and develop skills in developing and managing virtual private networks, firewall, intrusion detection, and data center management. Graduates will be able to enter the workplace as Cyber Security Specialist, Networking Administrator, Operations Engineer, Site Reliability Engineer, Security Engineer, IT Infrastructure Engineer, Information Security Assurance.

Course Contents

Sl. No.	Module Name	Hours
1	Network Fundamentals	40
2	Network Defense and Counter Measures	100
3	IT Infrastructure Management	80
4	Management Development Program	60
5	Project	40
Total		320

Length of Programme

Students must commit to 320 learning hours in 4 months (4 hours a day, 5 days a week). Semester begins on 30th September 2019 and ends on the 28th February 2020. An Academic Calendar is available on the CEIT website or check the USP Student Bulletin Board.

Eligibility and Admission process

Prospective students must have a sound knowledge of computer basics, and fundamentals of programming. Students can request an Application Form from USP Administration Office or on the CEIT website. Once students are admitted into a programme, USP will issue Invoice for Course Fees which must be paid in full within the first four weeks of the semester.

Classes and Assessment

All courses are competency based and assessments are a combination of theory and practical, including observations, questions and answers, presentations, major project, and written examinations.

Student will be expected to attend a minimum of one Lecture (theory) per week, and one computer lab session (practical) per week to pass the course. Students must commit a minimum of 15 learning hours per week to the course in order to achieve the course learning objectives. A class schedule will be published once all registrations have been received.

Recognition of Prior Learning (RPL) takes into account the knowledge and skills you have already acquired through work experience, training, and other formal or information education programmes. Students may talk to our Centre head and Academic Counsellor for consideration for RPL. Student must pay the course fee in full, and complete a special project within a specified time period to demonstrate knowledge and competency in the relevant subject.

Learning Resources and Student Support Services

Students will have full access to all CEIT and USP facilities throughout the semester.

- Fully equipped and newly furnished computer lab with high speed internet
- Brand new hardware and software
- Course materials, textbooks and library
- CEIT will have an experienced Centre Head and one Trainer from CDAC deputed for two years for course delivery & center coordination
- Free academic counselling during consultation hours and by appointment
- Classrooms are equipped with digital smartboard
- Student can access e-Mentor System (online learning management system)
- Access to all teaching and learning resources

For more information contact

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Academic counselling hours from 2pm-4pm Monday, Tuesday, Wednesday or by appointment

This qualification is accredited through the National Skills Qualification Framework of the National Skills Development Agency, Government of India, and in partnership with India European Union Skills Development Project. CEIT is registered as a Tertiary Education Provider with the Cook Islands Government.