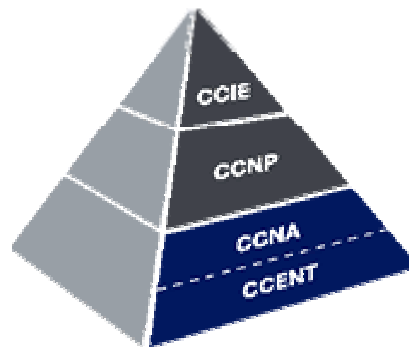**POLITEKNIK SEBERANG PERAI (PSP) - CISCO NETWORKING ACADEMY**

Introduction

The Cisco Networking Academy Program started in 2003 in Politeknik Seberang Perai. Since 2002, the program has grown quite well under the Time Sector Privatisation Concept in delivering networking training not only limited to PSP Student, PSP Staff but also to general public as well. We will continue to strive in delivering the best training to our students and general public. All students have access to the e-learning curricula, hands-on labs, and online assessments.

CCNA Discovery: This curriculum teaches networking based on application, covering concepts based on the types of practical networks students may encounter from home and small offices to more complex enterprise models. Students learn the basics of routing, switching, and advanced technologies to prepare for Cisco CCENT™ and CCNA® certifications and entry-level networking careers.

Joint us with a "Mind Wide Open" to new possibilities.

Scope and Sequence: CCNA Discovery

CCNA Discovery is primarily designed for Cisco® Networking Academy® students who are looking for career-oriented, information and communication technology (ICT) skills instruction or a quick path to job entry and career exploration.

Prerequisites

CCNA Discovery is composed of four courses:

- Networking for Home and Small Businesses

- Working at a Small-to-Medium Business or ISP

- Introducing Routing and Switching in the Enterprise

- Designing and Supporting Computer Networks

The curriculum has no prerequisites and the courses are taken sequentially.

Curriculum Outline

Chapter	Networking for Home and Small Businesses	Working at a Small-to-Medium Business or ISP	Introducing Routing and Switching in the Enterprise	Designing and Supporting Computer Networks
1	Personal Computer Hardware	The Internet and Its Uses	Networking in the Enterprise	Introducing Network Design Concepts
2	Operating Systems	Help Desk	Exploring the Enterprise Network Infrastructure	Gathering Network Requirements
3	Connecting to the Network	Planning a Network Upgrade	Switching in an Enterprise Network	Characterizing the Existing Network
4	Connecting to the Internet Through an ISP	Planning the Addressing Structure	Addressing in an Enterprise Network	Identifying Application Impacts on Network Design
5	Network Addressing	Configuring Network Devices	Routing with a Distance Vector Protocol	Creating the Network Design
6	Network Services	Routing	Routing with a Link-State Protocol	Using IP Addressing in the Network Design
7	Wireless Technologies	ISP Services	Implementing Enterprise WAN Links	Prototyping the Campus Network
8	Basic Security	ISP Responsibility	Filtering Traffic Using Access Control Lists	Prototyping the WAN
9	Troubleshooting Your Network	Troubleshooting	Troubleshooting an Enterprise Network	Preparing the Proposal
10	Course Summary: Putting It All Together	Course Summary: Putting It All Together	Course Summary: Putting It All Together	Course Summary: Putting It All Together

Training Process

Prior to training:

- Get and complete and submit your registration form to the syahrizad79@yahoo.com.
- Bring along with your payment (Money Order/Postal Order/Cheque under name: PENGARAH POLITEKNIK SEBERANG PERAI) on the registration day.
- After the fee is paid, your name will be registered in CNAMS (Cisco Networking Academy Management System) database. Each student is given a user-id to login to CNAMS. You can then access the online material at http://cisco.netacad.net.

During training

- Actively participate in all activities, including online and classroom learning, labs, online assessments, and skills-based assessments.
- From time to time during lab session, online chapter exam will be activated and you have to login to take the exam.

Length of Student Training Sessions

The recommended time requirements for students training session for Cisco CCNA® certifications and Cisco CCENT™ courses are as follows:

Course	Blended In Person	Courses	Minimum Participant	Fees + Exam at Pearson Vue
Cisco CCNA® certifications	10 days and 60 hours remote + 2 days Exam preparation	• Networking for Home and Small Businesses • Working at a Small-to-Medium Business or ISP • Introducing Routing and Switching in the Enterprise • Designing and Supporting Computer Networks	10	RM 3600.00 (RM 1500.00 for PSP Student)
Cisco CCENT™	5 days and 30	• Networking for Home and	10	RM1800.00

certifications	hours remote + 1 day Exam Preparation	Small Businesses • Working at a Small-to-Medium Business or ISP		(RM 650.00 for PSP Student)

Class Hour

Lecture and Lab classes will be conducted during Saturday or Sunday 9.00 am – 5.00 pm every month. Class date and time can be rescheduled to suit the majority needs of participants. From our experience, most of the classes will be conducted on Saturdays.

CISCO NETWORKING ACADEMY - PSP

CISCO Certified Network Entry Technician (CCENT) Certification Preparation

CISCO Certified Network Associate (CCNA) Certification Preparation

<mark>Persijilan – Course of Completion</mark>

CCNA Discovery 1 : Networking for Home and Small Businesses

CCNA Discovery 2 : Working at a Small-to-Medium Business or ISP

CCNA Discovery 3 : Introducing Routing and Switching in the Enterprise

CCNA Discovery 4 : Designing and Supporting Computer Networks

- *Peserta akan menduduki persijilan CCENT / CCNA di Pearson Vue Testing Center di Politeknik Seberang Perai*
- *Tarikh dan masa akan ditentukan apabila bilangan peserta mencukupi (minimum 10 orang)*

Nama :		
Alamat Surat Menyurat :		
Telefon Bimbit :		
Kelas / Email		
Yuran / Kaedah Pembelajaran	1. CCNA (RM3600.00) - include Academy Exam, Notes and 640-802 exam	
	2. CCENT (RM 1800.00) - include Academy Exam, Notes and 640-822 exam	