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your **carrer** starts with us.

AT&T Training Center

professional skills for students

Firewall Technologies Practice – Security Module



AT&T Training Center

- Large volume of open positions in AT&T are suitable for IT graduates who are interested in networking area and possess English language skills.
- AT&T regularly attend Job Fair events organized by Brno Universities where students frequently asked for trainings preparing students for job application in AT&T.
- AT&T strives to participate with student education in network infrastructure as well as propagate networking field among the students. Due to this intention AT&T has come up with unique project:



AT&T Training Center

- AT&T intention is to provide specialized trainings in addition to the CCNA and CCNP courses handled by university in present.
- Trainings focused mainly on student's practical skills development in common fields of networking – switching, routing and Firewall management.
- Courses are handled in AT&T LAB located in AT&T Brno center, Palachovo náměstí 2, Brno – Bohunice.
- AT&T Training center module is handled in bi-weekly iterations over one semester of tuition.
- AT&T training day duration is 8 hours including breaks.
- Trainings and Final exam in the form of simulated troubleshooting in a LAB environment.
- Students who successfully pass final exam are awarded by AT&T certificate and written evaluation of student's skills. Certificate is significant advantage for potential AT&T job application.

AT&T Training Center content

- **AT&T training center – Firewall Technologies Practice**

AT&T training center – FW technologies practice is intended for students possessing CCNA up to CCNP networking skills and are interested in the networking security area. The course provides an overview of firewall technologies commonly used in customer environments. Educated technologies do extend students practical security skills required for junior security engineer position.

- **Check Point Firewall technology**

Check Point training is focused on practicing of Check Point firewalls functions and futures. Course contains elementary as well as advanced techniques which are used to troubleshoot common issues arising in real firewall environment. Check Point training is designed for students willing to obtain security skills required from junior security engineers. Course partially cover topics of CCSA and CCSE certifications accepted widely across the globe.

- **Cisco ASA Firewall technology**

Specific security course focused on Cisco ASA firewall management and implementation. Participants are following labs moderated by a mentor, starting with easy CCNA security level activities, up to CCNP security level implementation of ASA firewall with the latest OS. The course provide opportunity to students to practice Cisco ASA Firewall technology on junior security engineer level.

- **Juniper Firewall technology**

Juniper topic covers configuration, operation, and implementation of SRX Series Services Gateways in a typical network environment. Training contains practical examples of Juniper technology management and provides fundamental Juniper SRX knowledge and skills useful for security engineers operating across large networks designed with multiple technologies.

AT&T Training Center syllabus

- **Class 1 – General Network Security**
 - Device hardening, layer 2/3 security functions.
 - Cisco security devices overview.
 - Network attacks and protection.
 - Identity management and WLAN security.
 - NAC and VPNs features
- **Class 2 - Cisco ASA Firewalls Foundation**
 - Cisco firewall history,
 - Cisco security technologies.
 - Cisco PIX /ASA hardware and software, firewall features.
- **Class 3 – Cisco ASA Firewalls Advanced**
 - ASA CLI and GUI, ASDM.
 - Syslog, routing, anti-spoofing, access control lists, NAT, Static NAT, identity NAT, dynamic NAT.
 - Troubleshooting using capturing and packet tracer.
- **Class 4 – Juniper SRX Foundation**
 - SRX introduction.
 - Zones and security policies.
 - screen options and NAT.

AT&T Training Center syllabus

- **Class 5 - Juniper SRX Advanced**
 - IPsec VPN and firewall authentication,
 - high availability clustering
- **Class 6 – Check Point Firewalls Foundation**
 - Check Point technology and platforms.
 - Security policies and traffic monitoring.
 - NAT configuration and monitoring.
 - Using Check Point tools.
 - User management and firewall authentication.
- **Class 7 – Check Point Firewalls Advanced**
 - Management server high availability, firewall clustering.
 - IPsec VPNs.
 - Traffic optimization and acceleration.
 - Backup, upgrade, recovery.

AT&T Training Center Schedule

	1	2	3	4	5	6	7	8	9	10
	7:00 - 7:50	8:00 - 8:50	9:00 - 9:50	10:00 - 10:50	11:00 - 11:50	12:00 - 12:50	13:00 - 13:50	14:00 - 14:50	15:00 - 15:50	16:00 - 16:50
Friday										

AT&T training center bi-weekly roster

- **AT&T Training Center schedule**

- The class is taken every second Friday starting along with the date embed in table below.
- The class duration is 8 hours including breaks. 8:00 – 11:50; 13:00 – 15:50

Date	Class#	Course agenda
23.02.2015 Mon	AT&T written test	Initial qualification test (in written form), ~30mins.
25.02.2015 Wed	AT&T interview	Short individual qualification discussion, ~10mins.
06.03.2015 Fri	Class #1	General Network Security
13.03.2015 Fri	Class #2	ASA Cisco Firewall Foundation
20.03.2015 Fri	Class #3	ASA Cisco Firewall Advanced
03.04.2015 Fri	Class #4	Juniper Firewall Foundation
17.04.2015 Fri	Class #5	Juniper Firewall Advanced
24.04.2015 Fri	Class #6	Check Point Firewall Foundation
15.05.2015 Fri	Class #7	Check Point Firewall Advanced
20.05.2015 Wed	Final exam, AT&T	Theory test and practical exam (approximately 4 hours)

AT&T training center agenda

Lectors

- **AT&T Training Center classes are led by AT&T engineers working in real networking environment and acting as lectors of internal AT&T trainings.**
- **Cisco CCIE written & CCAI certified lectors lead networking trainings focused on switching and routing.**
- **Check Point CCSA, CCSE, Cisco CCNA Security and Cisco CCNP Security certified lectors lead trainings focused on network security.**
- **Lectors possess long-standing technical experience as well as outstanding communication skills.**

Apply AT&T Training Center

- Students interested in AT&T Training Center can apply with an University Information System. Students will be invited to initial test in order to assess applicants skill level. The test results help adjust appropriate training level and set up effective education.
- Successful completion of initial qualification process (test, interview) is prerequisite to become member of AT&T Training Center group.
- AT&T Training Center group members are eligible to use following email to address any question or concern related to the training:

training_center@att.com