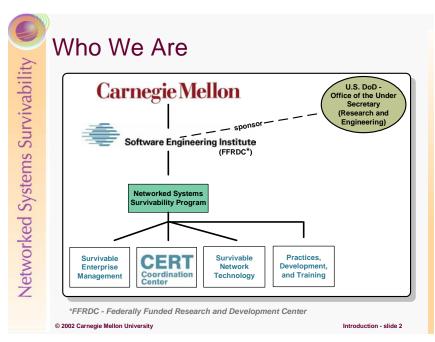
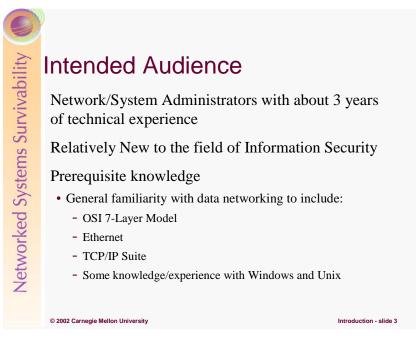


This course combines lecture, demonstrations, scenario exercises, and hands-on laboratories which are designed to introduce technical staff to information security and to provide a solid foundation for further learning in the field.



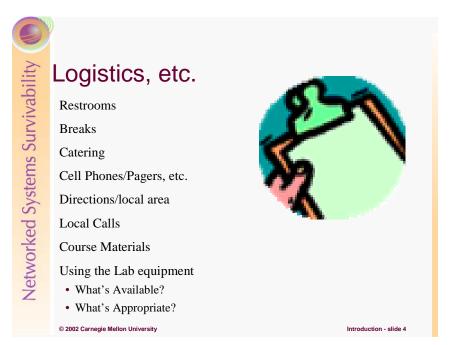
This slide depicts the current structure of the SEI's Networked Systems Survivability program. For more detailed information see:

www.sei.cmu.edu and www.cert.org

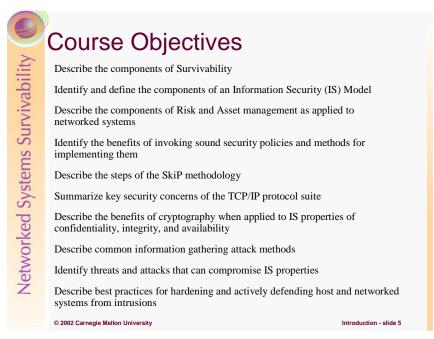


This course is intended for technical staff members who manage or support networked information systems. Three years of practical experience with networked systems or equivalent training/education is assumed, however the intended audience should be relatively new to information security.

In general, students should have some familiarity with the concepts of data networking. They should have some degree of specific familiarity with the ISO/OSI 7-layered reference model as well as Ethernet, TCP/IP, and major network operating systems such as Windows NT/2000/XP and Unix.



Please raise any concerns you may have regarding course logistics with the instructor.



At the end of this course, students should be able to do the above objectives.

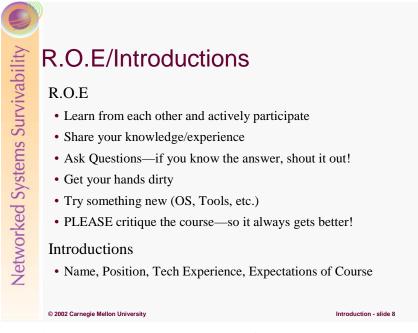
Ò	Overvi	ew of Course Conter	nt
Networked Systems Survivability	Module 1 Module 2 Module 3 Module 4 Module 5 Module 6 Module 7 Module 8 Module 9	The Challenge of Survivability Asset and Risk Management Policy Formulation and Implementation Security Knowledge in Practice TCP/IP Security Cryptography Prelude to a Hack Threats, Vulnerabilities, and Attacks Host System Hardening	
etwor	Module 10 Module 11	Securing Network Infrastructure Deploying Firewalls	
Ż	Module 12 Module 13	Securing Remote Access Intrusion Detection Systems	
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The course is broken down into 13 modules of instruction and they are listed above. In general, the course starts out with some of the high-level concepts and issues in the field and gets progressively more technical as it goes on.

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.C	ourse S	Sched	ule		
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	0900 - Course	0900 - Mod 5	0900 - Mod 8	0900 - Mod 10	0900 - Mod 12
	Intro/Overview	1045 – Break	1030 - Break	1030 - Break	1000 - Break
	0930 - Mod 1	1100 - Mod 6	1045 - Mod 8	1045 - Mod 10	1015 - Mod 12
	1045 - Break	1200 - Lunch	1200 - Lunch	1200 - Lunch	1115 – Mod 12
	1100 - Mod 2	1300 - Mod 6	1300 - Mod 8	1300 - Mod 10	(Lab)
	1200 - Lunch	1400 - Break	(Lab)	(Lab)	1200 - Lunch
	1300 - Mod 3	1415 – Mod 6	1345 - Break	1345 – Break	1300 - Mod 13
	1415 - Break	(Lab)	1400 - Mod 9	1400 – Mod 11	1415 - Break
	1430 - Mod 4	1500 – Mod 7	1500 - Break	1500 - Break	1430 – Mod 13
	1530 - Break	1600 – Break	1515 - Mod 9	1515 - Mod 11	1530 - Break
	1545 - Scenario	1615 – Mod 7	1615 - Mod 9	1615 - Mod 11	1545 – Mod 13
	Exercises	(Lab)	(Lab)	(Lab)	(Lab)
	1700 - END	1700 - END	1700 - END	1700 - END	1700 - END

The course will proceed (for the most part!) as depicted above.



Following the above recommended rules of engagement will help to optimize student and instructor learning. Please attempt to fill in the Course Critique and feedback form as each module is completed.