1918
TALLINNA TEHNIKAÜLIKOOL
TALLINN UNIVERSITY OF TECHNOLOGY

INTERACTIVE CYBER SECURITY AWARENESS PROGRAM

FACULTY OF INFORMATION TECHNOLOGY

Department of Computer Science

Chair of Network Software

OUTLINE

1 **PROBLEM STATEMENT & RELATED WORK**

OUTLINE

1. **PROBLEM STATEMENT & RELATED WORK**
2. METHODOLOGY

OUTLINE

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2. METHODOLOGY
3. **RESULTS**

OUTLINE

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2. METHODOLOGY
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4. DEMONSTRATION

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1. **PROBLEM STATEMENT & RELATED WORK**
2. METHODOLOGY
3. **RESULTS**
4. DEMONSTRATION
5. **CONCLUSION**

PROBLEM STATEMENT & RELATED WORK

PROBLEM STATEMENT & RELATED WORK

Last 20 years
Human factor

7 awareness programs
Few questionnaires

METHODOLOGY

TARGET GROUPS
PRELIMINARY GRADING
SUGGESTIONS
APPLYING THE SYLLABUS

TARGET GROUPS

TARGET GROUPS

BASIC

PHYSICAL SECURITY
COMPUTER & MOBILE
NETWORK & INTERNET

FURTHER IMPROVEMENT

TARGET GROUPS

BASIC	ADVANCED
PHYSICAL SECURITY COMPUTER & MOBILE NETWORK & INTERNET	ATTACKING PHASES ATTACKING METHODS ADVANCE PERSISTENCE THREATS
FURTHER IMPROVEMENT	FURTHER IMPROVEMENT

TARGET GROUPS

BASIC	ADVANCED	MANAGEMENT
PHYSICAL SECURITY COMPUTER & MOBILE NETWORK & INTERNET	ATTACKING PHASES ATTACKING METHODS ADVANCE PERSISTENCE THREATS	DECISION MAKING PROCESS PDCA OODA
FURTHER IMPROVEMENT	FURTHER IMPROVEMENT	FURTHER IMPROVEMENT

RESULTS

BASELINE SURVEY

EXAMINES
PRIOR
KNOWLEDGE

RESULTS

BASELINE SURVEY

EXAMINES
PRIOR
KNOWLEDGE

QUESTIONNAIRE

EXAMINES
AWARENESS LEVEL
KNOWLEDGE GAINED

PRESENTS WITH
NEXT STEPS

RESULTS
PARTICIPANTS

N≈1,000
Age: 11- 63 y.

Universities
Schools
Private & Public Org.

70% Male
30% Female

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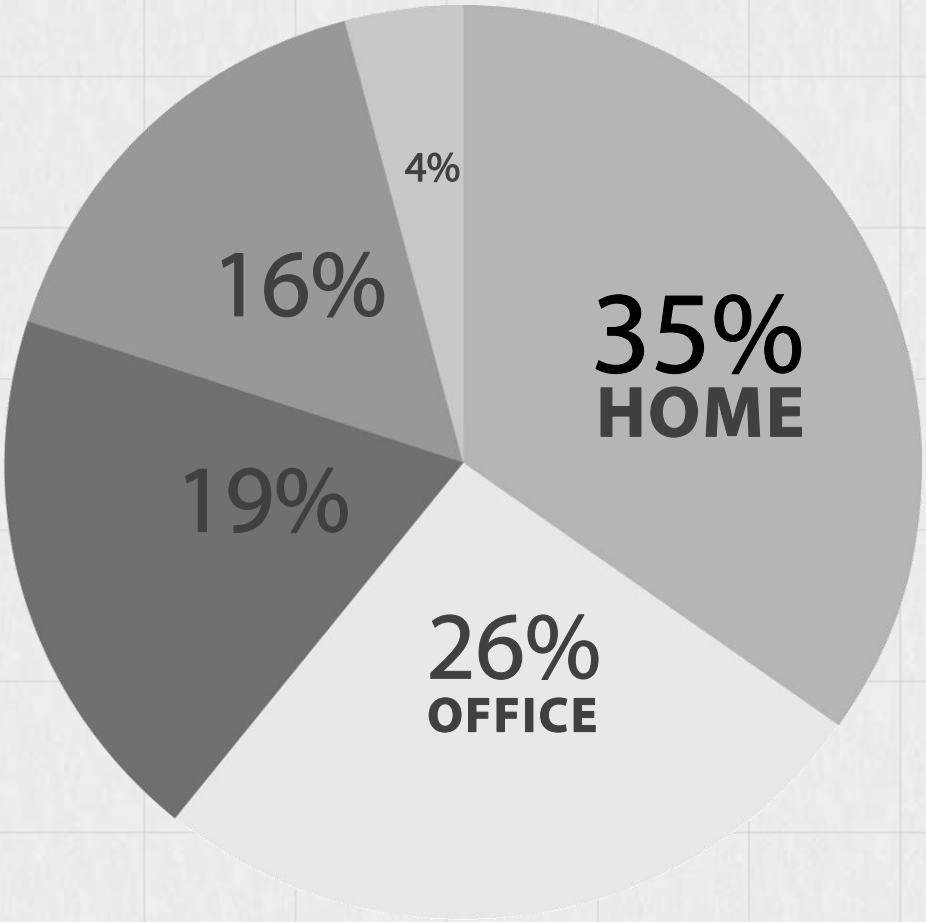
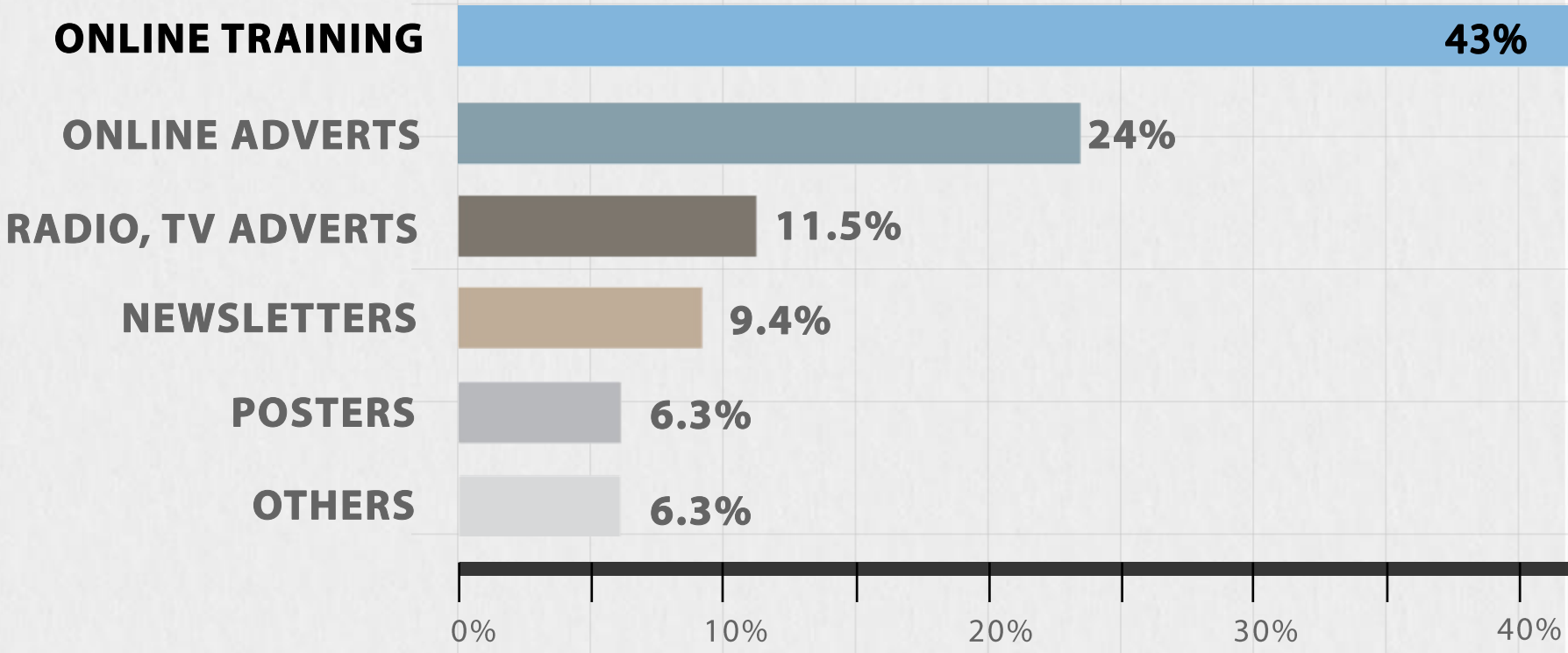


Figure 7.2

TYPES OF CHANNELS PROVIDING INFO ON INT. SECURITY



KNOWLEDGEABLE PROTECTION OF IT ASSETS

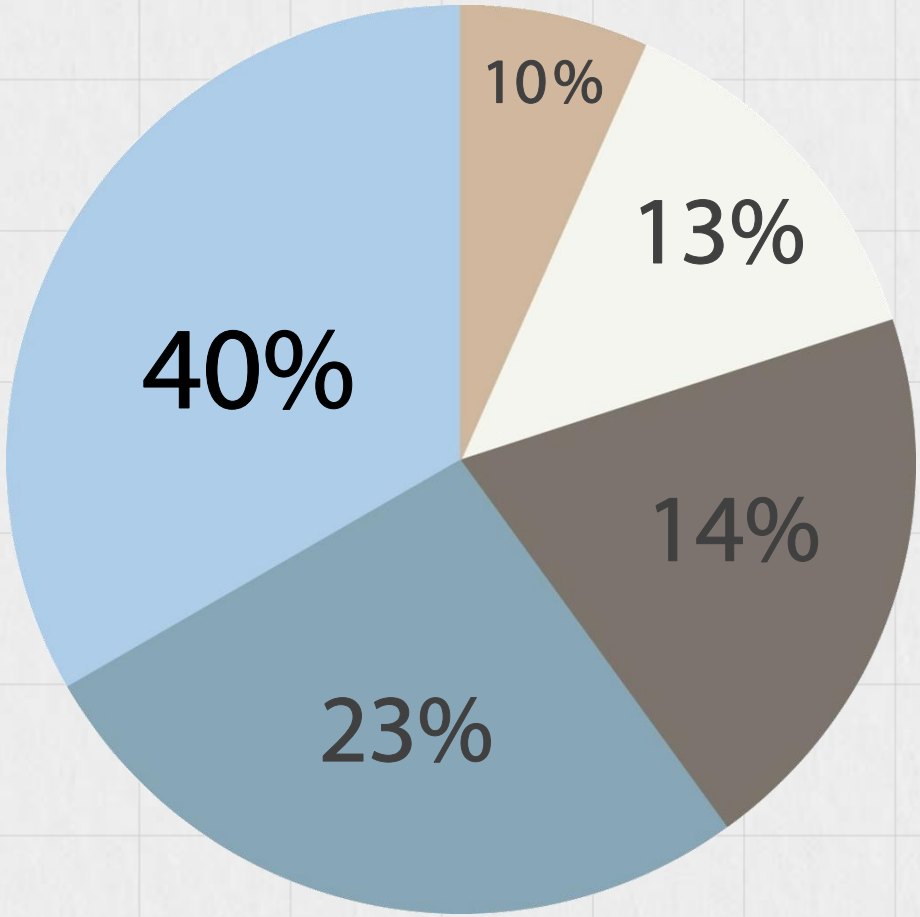


Figure 7.4

3 2 1 4 5

SOMEWHAT KNOWLEDGEABLE

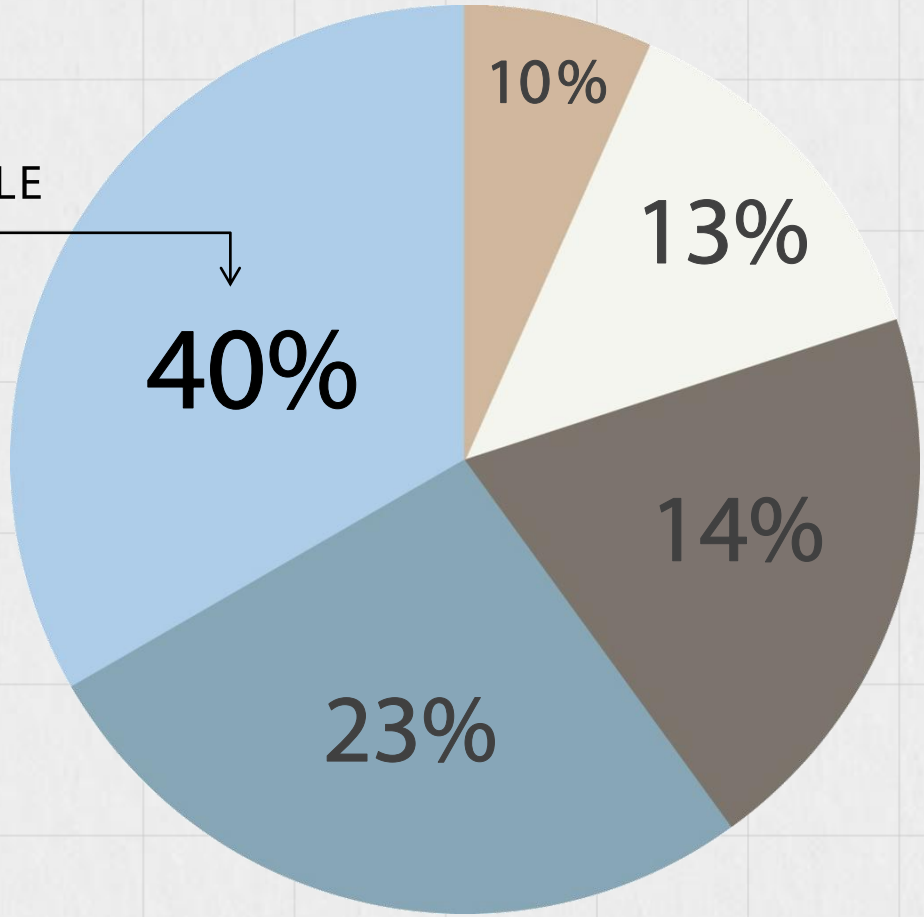


Figure 7.4

3 2 1 4 5

KNOWLEDGEABLE PROTECTION OF IT ASSETS

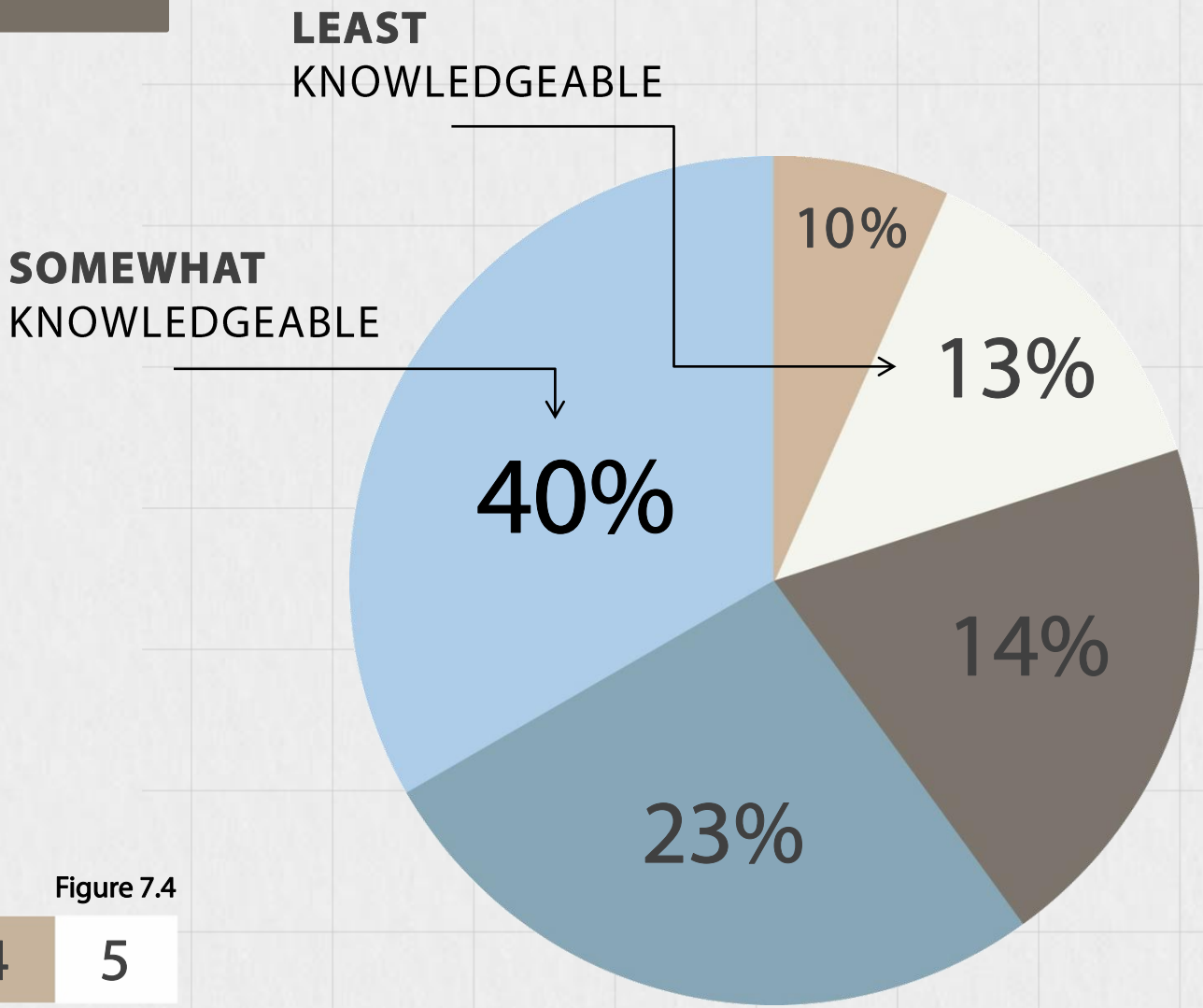


Figure 7.4

KNOWLEDGEABLE PROTECTION OF IT ASSETS

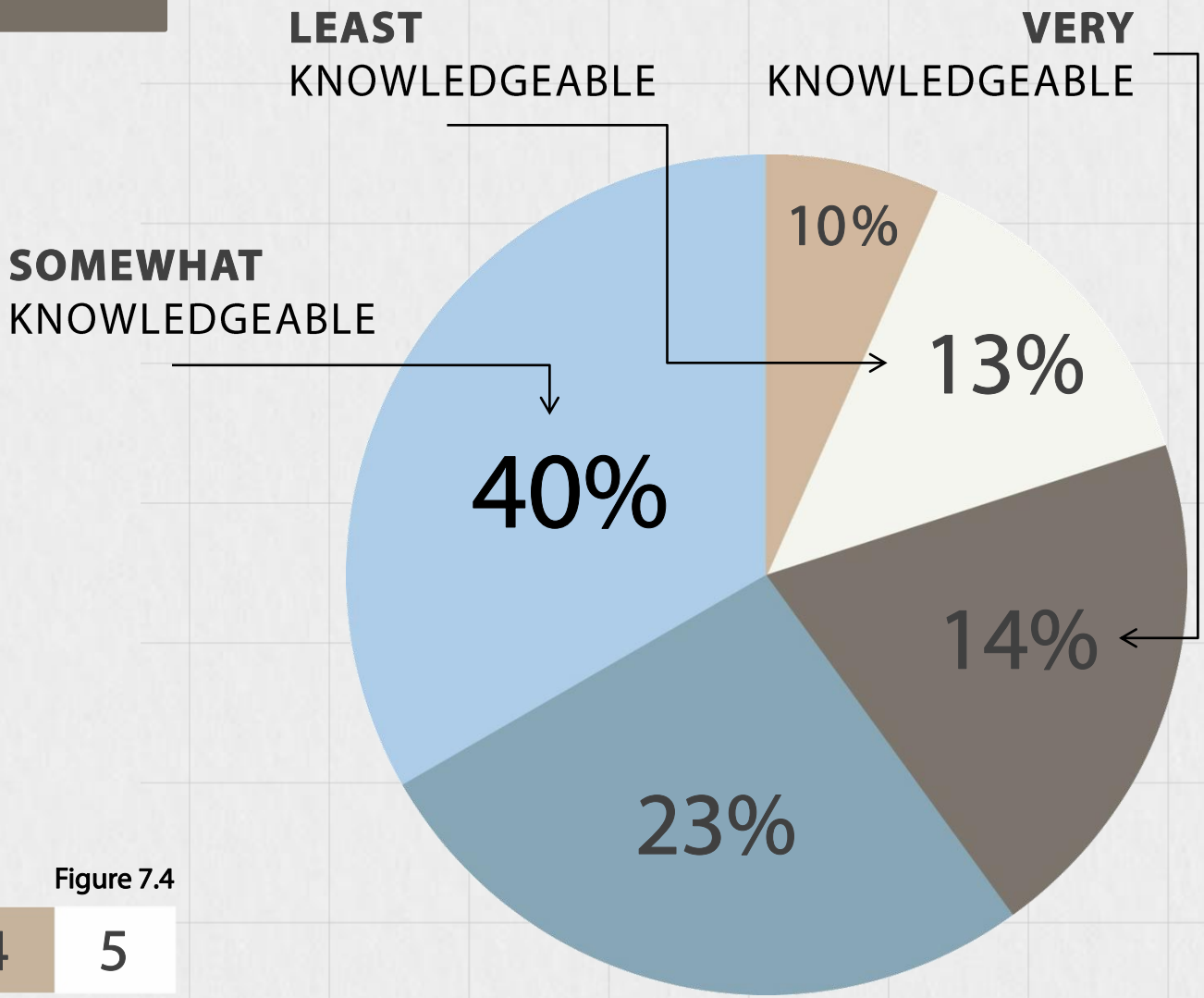
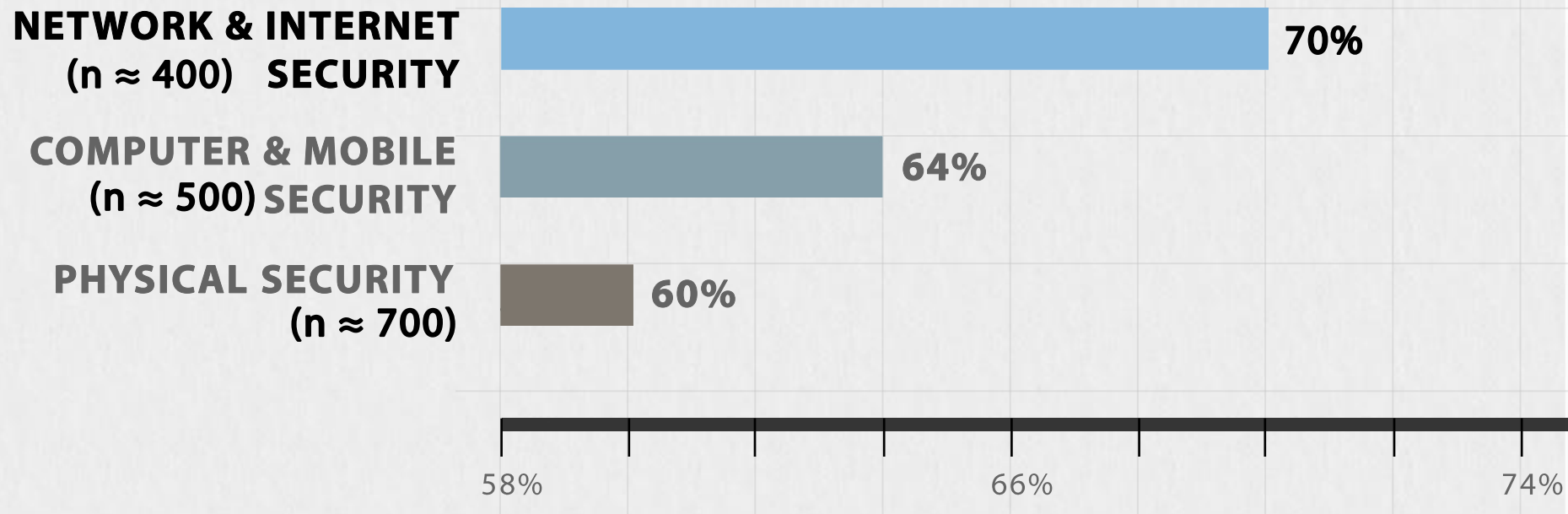
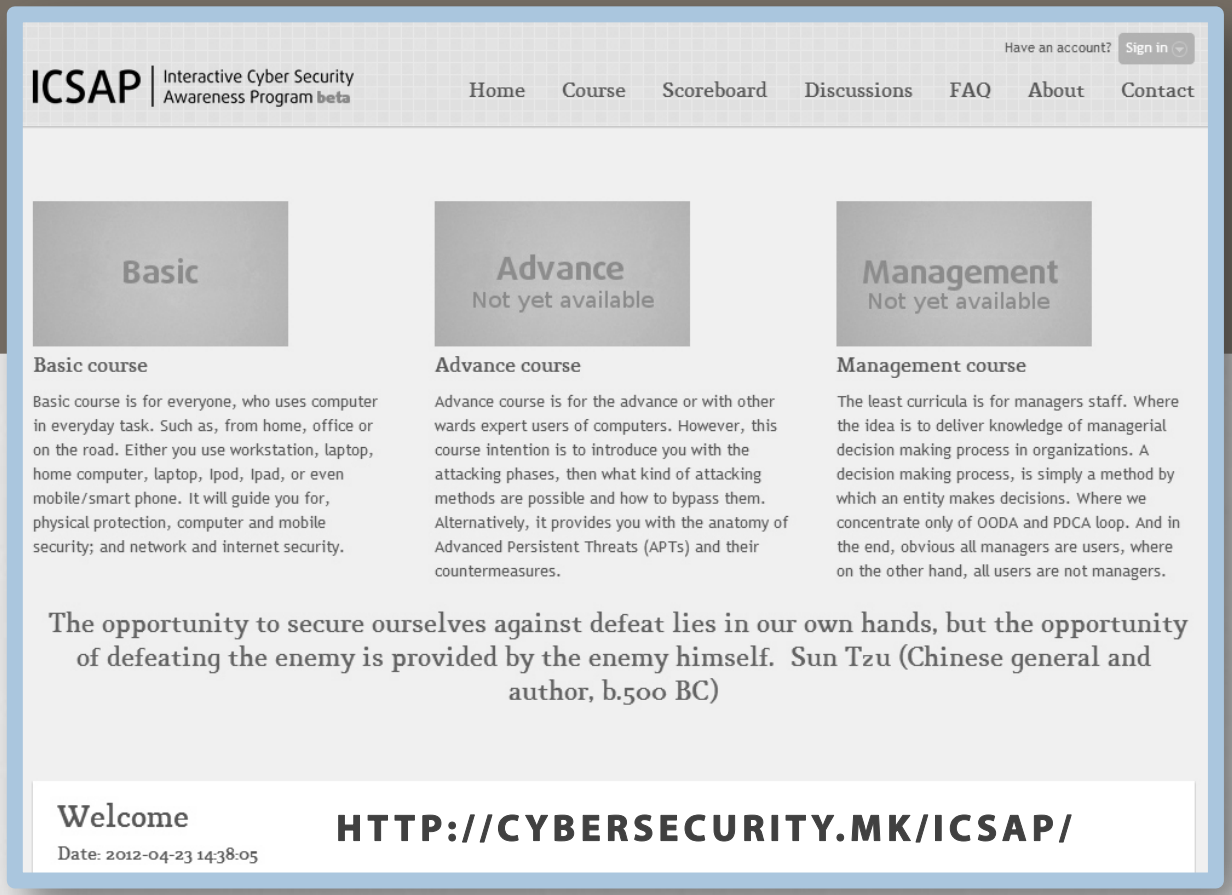


Figure 7.4

AVERAGE % SCORE GAINED BY MODULES



DEMO


Have an account? Sign in
ICSAP | Interactive Cyber Security Awareness Program beta
Home
Course
Scoreboard
Discussions
FAQ
About
Contact
Basic
Advance
Not yet available
Management
Not yet available
Basic course
Basic course is for everyone, who uses computer in everyday task. Such as, from home, office or on the road. Either you use workstation, laptop, home computer, laptop, Ipod, Ipad, or even mobile/smart phone. It will guide you for, physical protection, computer and mobile security; and network and internet security.
Advance course
Advance course is for the advance or with other wards expert users of computers. However, this course intention is to introduce you with the attacking phases, then what kind of attacking methods are possible and how to bypass them. Alternatively, it provides you with the anatomy of Advanced Persistent Threats (APTs) and their countermeasures.
Management course
The least curricula is for managers staff. Where the idea is to deliver knowledge of managerial decision making process in organizations. A decision making process, is simply a method by which an entity makes decisions. Where we concentrate only of OODA and PDCA loop. And in the end, obvious all managers are users, where on the other hand, all users are not managers.
The opportunity to secure ourselves against defeat lies in our own hands, but the opportunity of defeating the enemy is provided by the enemy himself. Sun Tzu (Chinese general and author, b.500 BC)
Welcome
Date: 2012-04-23 14:38:05
HTTP://CYBERSECURITY.MK/ICSAP/

CONCLUSION

METHODOLOGY

TARGET GROUPS
KNOWLEDGE INCREASE
SUGGEST IMPROVEMENT

CONCLUSION

METHODOLOGY

TARGET GROUPS
KNOWLEDGE INCREASE
SUGGEST IMPROVEMENT

RESULTS

PRIOR KNOWLEDGE
& AWARENESS

NEXT STEPS

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RESULTS

PRIOR KNOWLEDGE
& AWARENESS

NEXT STEPS

IMPLEMENTATION

PRIVATE
PUBLIC
MILITARY
NATIONS
SCHOOLS

THANK YOU.

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