

UNIVERSITY

Faculty of Science

Department of Computer Science and Information Technology

Bachelor of Science in Cybersecurity and Information Systems

Year 1, Semester 1

Course Code: CS101

Course Title: Introduction to Cybersecurity

Prerequisites: None

ECTS Credits: 5

Course Description: This course provides a comprehensive overview of cybersecurity concepts, including network security, cryptography, and incident response.

Learning Objectives: Upon completion of this course, students will be able to identify common security threats, understand the principles of cryptography, and describe the components of a secure network.

Assessment: The course is evaluated through a combination of quizzes, assignments, and a final exam.

References: [1] Stallings, W. (2013). *Network Security: A Practical Approach to Cryptography and Authentication*. Prentice Hall.

Additional Resources: [2] Schneier, B. (2006). *Applied Cryptography: Protocols, Algorithms, and Source Code in C*. John Wiley & Sons.

Course Coordinator: Dr. [Name]

Course Approval: Approved by the Faculty of Science

Revision: 1.0

Effective Date: 2023-2024

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Mathematics	Units Recommended	Number	Units Requirement
		3	4

Recommending Courses

General Recommendation
 English I, II, III, History, Science, Government, & Economics
 Foreign Language
 Art or Music
 Physical Education
 Health

Additional Recommendations

- [College Board AP Courses](#)
- [International Baccalaureate Courses](#)
- [College Career Center](#)
- [College Board](#)
- [International Baccalaureate](#)
- [College Board AP Courses](#)
- [International Baccalaureate](#)

Additional Recommendations
 English I, II, III, History, Science, Government, & Economics
 Foreign Language
 Art or Music
 Physical Education
 Health

Additional Recommendations
Traditional Programs

- [College Board AP Courses](#)

College Programs

- [College Board AP Courses](#)

100% (100%)

100% (100%)



