



UNIVERSITY OF THE AEGEAN
Office of International Academic
Programmes/ERASMUS+
Administration Building, University Hill
81100 - Mytilene - Greece
Tel.: +30 2251036167, 36118
Fax: + 30 2251036089
Email: erasmus@aegean.gr

Samos, 24/06/2020

DEPARTMENT of Information and Communication
Systems Engineering
SCHOOL OF ENGINEERING

Spring/Autumn semester - Academic Year 2020-2021

| Courses offered (Pregraduate) | | | | | | | | |
|-------------------------------|---|----------|------|-------------------|----------------|---------------------------------|----------------------------------|----------------|
| Course Code | Course Title | Semester | ECTS | Teaching Language | Offered Online | Tutoring/Reading Course offered | Tutoring/Reading Course Language | Offered Online |
| 321-1204 | Structured programming | 1 | 5 | Greek | √ | | | |
| 321-1407 | Introduction to Computer Science and Communications | 1 | 5 | Greek | √ | | | |
| 321-2003 | Logic Design | 1 | 5 | Greek | √ | | | |
| 321-1501 | Discrete Mathematics I | 1 | 5 | Greek | √ | | | |
| 321-1107 | Mathematics for Engineers I | 1 | 5 | Greek | √ | | | |
| 321-2052 | Physics | 1 | 5 | Greek | √ | | | |
| 321-0121 | English Language 1 | 1 | 5 | Greek, English | √ | | | |
| 321-2105 | Object-oriented Programming I | 2 | 5 | Greek, English | √ | √ | English | |
| 321-2551 | Circuit Theory | 2 | 5 | Greek, English | √ | √ | English | √ |
| 321-2450 | Discrete Mathematics II | 2 | 5 | Greek | √ | | | |
| 321-3155 | Mathematics for Engineers II | 2 | 5 | Greek | √ | | | |
| 321-2402 | Probability and Statistics | 2 | 5 | Greek | √ | | | |
| 321-4103 | Operating Systems | 2 | 5 | Greek | √ | | | |
| 321-0131 | English Language 2 | 2 | 5 | English | √ | | | |
| 321-3652 | Object-oriented Programming II | 3 | 5 | Greek | √ | | | |
| 321-8105 | IT Project Management | 3 | 5 | Greek | √ | | | |
| 321-3004 | Data Structures | 3 | 5 | Greek | √ | | | |
| 321-3354 | Computer Architecture | 3 | 5 | Greek | √ | | | |
| 321-3752 | Stochastic Processes | 3 | 5 | Greek | √ | | | |

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| 321-5502 | Signals and Systems | 3 | 5 | Greek | √ | | | |
| 321-0141 | English Language 3 | 3 | 5 | English | √ | √ | English | |
| 321-3104 | Information Systems Analysis and Design | 4 | 5 | Greek | √ | | | |
| 321-4201 | Algorithms and Complexity | 4 | 5 | Greek | √ | √ | English | √ |
| 321-4120 | Advanced Topics of Programming Languages | 4 | 5 | Greek | √ | | | |
| 321-3203 | Databases I | 4 | 5 | Greek | √ | | | |
| 321-3302 | Computer Communications | 4 | 5 | Greek | √ | | | |
| 321-7904 | Electronics | 4 | 5 | Greek, English | √ | √ | English | √ |
| 321-2304 | Business Operations and Information Systems | 5 | 5 | Greek | √ | | | |
| 321-6451 | Computer Networks | 5 | 5 | Greek | √ | | | |
| 321-3703 | Databases II | 5 | 5 | Greek | √ | | | |
| 321-3453 | Telecommunications | 5 | 5 | Greek | √ | | | |
| 321-4002 | Software Engineering | 5 | 5 | Greek | √ | √ | English | |
| 321-6702 | Theory of Computation | 5 | 5 | Greek | √ | | | |
| 321-6503 | Information Systems Management | 6 | 5 | Greek, English | √ | | | |
| 321-3604 | Artificial Intelligence | 6 | 5 | Greek | √ | | | |
| 321-3404 | Information and Communication Systems Security | 6 | 5 | Greek | √ | | | |
| 321-7951 | Distributed Systems | 6 | 5 | Greek | √ | √ | English | |
| 321-88103 | Internet Programming | 6 | 5 | Greek | √ | √ | English | |
| 321-5205 | Legal Framework for the Information Society | 6 | 5 | Greek | √ | | | |
| 321-9703 | Computer Network Security and Privacy Enhancing Technologies | 7 | 5 | Greek | √ | | | |
| 321-5753 | Privacy and Data | 7 | 5 | Greek | | | | |

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| | Protection Law | | | | √ | | | |
| 321-5155 | Information Systems Analysis and Design Methodologies and Tools | 7 | 5 | Greek | √ | | | |
| 321-7654 | Systems Theory | 7 | 5 | Greek | √ | | | |
| 321-10302 | Digital Communications | 7 | 5 | Greek, English | √ | √ | English | √ |
| 321-7051 | Digital Systems Design | 7 | 5 | Greek | √ | | | |
| 321-8354 | Network Management | 7 | 5 | Greek | √ | | | |
| 321-7003 | Performance Evaluation and Simulation of Computer Systems and Networks | 7 | 5 | Greek, English | √ | | | |
| 321-7754 | Robotic Control | 7 | 5 | Greek, English | √ | √ | English | |
| 321-3553 | Computational Logic and Logical Programming | 7 | 5 | Greek | √ | | | |
| 321-99002 | Numerical Analysis | 7 | 5 | Greek | √ | | | |
| 321-8053 | Cryptography | 8 | 5 | Greek | √ | | | |
| 321-8504 | Decision Support Systems – Business Analytics | 8 | 5 | Greek | √ | | | |
| 321-8954 | Electronic Entrepreneurship | 8 | 5 | Greek | √ | | | |
| 321-5607 | Human – Computer Interaction and Web Applications | 8 | 5 | Greek | √ | | | |
| 321-11102 | Digital Government | 8 | 5 | Greek | √ | | | |
| 321-7803 | Wireless Communications | 8 | 5 | Greek | √ | √ | English | |
| 321-8752 | Introduction to VLSI | 8 | 5 | Greek | √ | | | |
| 321-9353 | Digital Image Processing | 8 | 5 | Greek | √ | | | |
| 321-7853 | Microprocessors | 8 | 5 | Greek, English | √ | | | |
| 321-6257 | Internet Protocols and Architectures | 8 | 5 | Greek | √ | | | |

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| 321-7256 | Mobile Communication Networks | 8 | 5 | Greek | √ | | | |
| 321-11002 | Cloud Technologies | 8 | 5 | Greek, English | √ | | | |
| 321-9253 | Data Mining and Data Warehouses | 8 | 5 | Greek | √ | | | |
| 321-10202 | Information Retrieval | 8 | 5 | Greek | √ | | | |
| 321-9455 | Applied Topics in Data Structures and Databases | 8 | 5 | Greek | √ | | | |
| 321-8001 | Game Theory | 8 | 5 | Greek | √ | √ | English | √ |
| 321-9855 | Mathematical Modeling | 8 | 5 | Greek | √ | | | |
| 321-2631 | Simulation Techniques for Communication Systems | 8 | 5 | Greek | √ | | | |
| 321-7602 | Practice | 8 | 5 | Greek | | | | |
| 321-99101 | Regulatory and Social Issues in Information Society | 9 | 5 | Greek | √ | | | |
| 321-7406 | Knowledge Engineering and Knowledge Systems | 9 | 5 | Greek | √ | | | |
| 321-5404 | Information Systems Strategy and Investment-Digital Transformation | 9 | 5 | Greek | √ | | | |
| 321-10652 | Satellite Communications | 9 | 5 | Greek | √ | √ | English | |
| 321-6555 | Multimedia | 9 | 5 | Greek | √ | | | |
| 321-8653 | Optical Communications | 9 | 5 | Greek, English | √ | √ | English | √ |
| 321-3250 | Internet of Things | 9 | 5 | Greek | √ | | | |
| 321-9405 | Wireless Sensors | 9 | 5 | Greek | √ | | | |
| 321-9120 | Design and Development of Mobile Computing Applications | 9 | 5 | Greek | √ | √ | English | |
| 321-7406 | Knowledge | 9 | 5 | Greek | √ | | | |

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| | Engineering and Knowledge Systems | | | | | | | |
| 321-6606 | Computer Vision | 9 | 5 | Greek | √ | | | |
| 321-9004 | Prediction Techniques | 9 | 5 | Greek | √ | | | |
| 321-10001 | Algorithms and Combinatorial Optimization | 9 | 5 | Greek | √ | √ | English | √ |