HELLENIC REPUBLIC

UNIVERSITY OF THE AEGEAN
SCHOOL OF ENGINEERING
DEPARTMENT OF INFORMATION & COMMUNICATION SYSTEMS ENGINEERING

DIPLOMA SUPPLEMENT

This Diploma Supplement model was developed by the European Commission, the Council of Europe and the UNESCO/CEPES. The purpose of the Supplement is to provide sufficient and independent data so the international "transparency" and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.) are improved. It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. This supplement is free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections is provided. Wherever there is no information, an explanation is provided.

1. **INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION**

1.1 **Family name(s):**

1.2 **Given name(s):**

1.3 **Date of birth (day/month/year) – Place, Country of birth:**
     ιMOS - GREECE

1.4 **Student identification number or code (if available):** 321/2(

2. **INFORMATION IDENTIFYING THE QUALIFICATION**

2.1 **Name of the qualification and (if applicable) the title conferred (in original language):**
    Diploma of Information and Communication Systems Engineering

2.2 **Main field(s) of study for the qualification:**
    Information and Communication Systems Engineering

2.3 **Name and status of the awarding Institution (in the original language):**
    University of the Aegean – Panepistimio Aigeou, Public Higher Education Institution – Dimosio Idryma Anotatis Ekpaideusis, Legal Entity of Public Right – Nomiko Prosopo Dimosiou Dikaiou

2.4 **Name and status of the institution (if different from 2.3) administering studies (in the original language):**
    As in 2.3

2.5 **Language(s) of instruction / examination:**
    Greek

3. **INFORMATION ON THE LEVEL OF THE QUALIFICATION**

3.1   **3.1 Level of qualification:**

Undergraduate Studies - Bachelor's Degree (1st Cycle of Studies)

3.2   **Official length of the programme:**

Duration: 10 semesters

Credit Units (ECTS): 300 ECTS

3.3   **Access requirement(s):**

Panhellenic entry examinations for the holders of the School-leaving Certificate ("Apolytirio") or those who belong to special categories or have undertaken examinations under the classification system.

4.   INFORMATION ON THE CONTENTS AND THE RESULTS GAINED

4.1   **Mode of study:**

Full-time

4.2   **Programme requirements:**

Holder of the undergraduate degree becomes this candidate who studied for 10 semesters, was examined successfully on 36 obligatory courses, 8 obligatory courses of one of the Streams offered, 3 elective courses of the same Stream, the English Language course, 7 courses in addition to the above, and submitted and defended successfully his/her Diploma Thesis.

Upon the completion of their study, the graduates acquire the ability to:
• Recall, explain and present the basic principles of the Computer and Communications Science.
• Associate the theoretical background of the Computer and Communications Science with the design, integration and application of Information and Communications Technologies (ICT).
• Design, develop, manage, and assess information and communication system.
• Analyze users' requirements for information systems.
• Design, develop, and assess software applications.
• Design, develop, and assess databases.
• Design, develop, manage, and assess computer networks and telecommunications networks.
• Design and assess security of information and communication systems.
• Integrate and apply information systems security technologies and privacy enhancing technologies.
• Design, implement and assess digital circuits and systems.
• Describe, explain, and employ microprocessors and microcontrollers, as well as design and implement systems based on them.
• Describe, explain, assess and exploit computer architectures and operating systems.
• Design and apply artificial intelligence, information management, and big data technologies.
• Describe, analyze, and apply signal processing and multimedia technologies.
• Manage projects.
• Design, develop, and manage e-Commerce and digital businesses.
• Describe and analyze the legal and regulatory framework of ICT.
• Analyze ICT-related problems and create solutions.
• Create, present, and explain solutions for real-world ICT-related problems.
• Support the technological, social and economic development.

4.3   **Programme details (e.g., modules or units studied) and the individual grades / marks / credits units obtained (if this information is available on an official transcript, this should be used here):**

Code Lesson	Title Lesson	Type Lesson	Period	Grade	in Writing	(ECTS)

Code Lesson	Title Lesson	Type Lesson	Period	Grade	in Writing	(ECTS)
321-1105	Calculus	OB	Feb.2013 - 2014	6	SIX	5

Code Lesson	Title Lesson	Type Lesson	Period	Grade	in Writing	(ECTS)

The Column "Type of the Module (Course)" gives the characterization:

Obligatory (Ob), optional (Op) or elective (El) to each course.

The modules with an asterisk (*) are not taken into account for the award of the degree.

The Column "Credit Units (ECTS)" portrays those credit units that correspond to each course.

[1] Title of the Undergraduate Thesis:

(2) The Work Placement (or Practical Training) took place at the COMPANY / ORGANISATION:

4.4 Grading Scheme and, if available, grade distribution guidance:

According to the Studies Regulation of the Institution, the grading scale is from 1 to 10 and grades of a successful examination are considered those equal to or greater than 5. The final average grade of the diploma (or degree) is characterized as:
a) "Excellent", for grades from 8.50 to 10
b) "Very Good", for grades from 6.50 to 8.49
c) "Good", for grades from 5.00 to 6.49

4.5 Overall classification of the qualification (in the original language):
Grade: 8.15 (**VERY GOOD**)

5. INFORMATION ABOUT THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study:
The Diploma of the Department of Information and Communication Systems Engineering offers the opportunity to its holder to acquire access to Postgraduate Studies.

5.2 Professional status (if applicable):

• Diploma holders are admitted to the Technical Chamber of Greece as Electronic Engineers.
• Diploma holders are eligible to apply for teaching positions in secondary education (PD 268/2004, FEK 268/Issue A'/28.12.2004, PD 118/1995, FEK 75/Issue A'/18.4.1995)
• Diploma holders are eligible to apply for public sector positions in the area of "Informatics" (PD 347/2003, FEK 315/Issue A'/31.12.2003)
• Diploma holders may be employed as engineers in the area of Information and Communication Technologies.

6. ADDITIONAL INFORMATION

6.1 Additional information:
There is no additional information

6.2 Further information sources:

- Website of the University of the Aegean
  http://www.aegean.gr

- Website of the Ministry of Education and Religious Affairs
  http://www.minedu.gov.gr

- Websites of the ENIC (European Network of Information Centers in the European Region) and NARIC (National Academic Recognition Information Centers in the European Union)
  http://www.enic-naric.net/index.aspx?c=Greece

- Website of DOATAP (National Academic Recognition Information Center)
  http://www.doatap.gr

- Website of IKY (State Scholarships Foundation)
  http://www.iky.gr

- Website of UNESCO
  http://www.unesco.org

- Website of the European Commission
  http://europa.eu

- Website of the Council of Europe
  http://www.european-council.europa.eu

- Department of Information and Communication Systems Engineering
  University of the Aegean
  2 Palama Street, Karlovassi
  Samos, GR-83200, Greece
  E-mail address: gramicsd@icsd.aegean.gr
  Telephone: +30 22730 82200
  Fax: +30 22730 82219

7. CERTIFICATION OF THE SUPPLEMENT

7.1 Date: 11.05.2021

7.2 Signature and name: Professor Elena Theodoropoulou

7.3 Capacity: Vice-Rector of Academic Affairs & Student Welfare

7.4 Official seal:

This certification is signed by the Vice-Rector of Academic Affairs & Student Welfare, in accordance with the University of the Aegean Senate decision No 1/13.09.2018 (Government Gazette Issue 4392/B′ /02.10.2018)

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

(i) Structure and Operation

Current legislation defines the structure of Higher Education and regulates operation issues of Higher Education to the direction of an extended participation, greater transparency, accountability and reinforcement of the self-government of institutions. There are also state-owned institutions of Vocational Higher Education that are monitored by other Ministries, offering programmes of professional training the duration of which ranges from two to three years.

(ii) Access (or admission)

All graduates of Lyceum (General and Vocational) have the right to be admitted to Higher Education.
The Access (or admission) system to the Higher Education Institutions complies with the principle numerus clausus, the candidates' preferences of Schools / Departments and with candidates' General Degree of Access. Certain Schools require candidates be examined on special subjects (e.g. Drawing for Architecture) or do practical tests

(iii) Qualifications of the Studies Programme

The completion of the Studies Programme of the Schools of the Higher Education Institutions leads to the award of the corresponding Degree (Diploma), which leads to the job market, since it provides the graduate with the accessibility to a Postgraduate Studies Programme; that is, to the second cycle of studies leading to a Master's Diploma (equal to a Master's Degree (MSc, MA or an MBA), and to the third cycle of studies leading to Doctoral Diploma (i.e. a Ph.D. degree or a Doctorate).The Diploma (or Degree) is a qualification that is granted upon the completion of the studies of the first cycle and lasts from four to six years, depending on the field.

Current legislation determines the Quality Assurance for Higher Education and the Credit Transfer and Accumulation System, the framework of processes and criteria for the evaluation of departments of Higher Education Institutions (A.E.I.) as well as the certification of students' studies. These measures aim to enhance students' mobility and contribute to the creation of the European Space for Higher Education, as defined by the Bologna Process.

There is also a detailed description of Greek educational system in the National File that was composed by the Greek Service of European Network for Education EURYDICE.

http://www.eurydice.org
http://www.eurydice.org/Eurybase/frameset_eurybase.html