TECHNOLOGICAL EDUCATION INSTITUTE
(TEI) of LARISSA
Computer Science and Telecommunications
Department
41110 Larissa, Greece
tel.+30 2410684600, fax.+30 2410611994
www.teilar.gr

Hellenic Republic

DIPLOMA SUPPLEMENT

This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). 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. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1. Family name(s): PAPADOPOULOS

1.2 Given name(s): NIKOLAOS

1.3 Date of birth (day/month/year): 5/8/1992

1.4 Student identification number or code(if available): T05545

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of the qualification and (if applicable) title conferred (in original language):
ΠΤΥΧΙΟ (PTYCHIO) - DEGREE IN COMPUTER SCIENCE & TELECOMMUNICATIONS ENGINEERING

2.2 Main field(s) of study for the qualification:
COMPUTER SCIENCE & TELECOMMUNICATIONS

2.3 Name and status of awarding Institution (in original language):
TECHNOLOGIKO EKPEDEFTIKO IDRIMA (TEI) LARISSAS
TECHNOLOGICAL EDUCATION INSTITUTE (TEI) OF LARISSA, STATE INSTITUTION OF HIGHER EDUCATION

2.4 Name and status of Institution (if different from 2.3) administering studies (in original language):
Same as 2.3

2.5 Language(s) of instruction/examination:
HELLENIC (GREEK)

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1 Level of qualification:
FIRST CYCLE DEGREE LEVEL 5A (CLASSIFICATION ACCORDING TO ISCED OF UNESCO)

3.2 Official length of programme:
Length in years: 4
Weeks per year: 38
ECTS credits:
Work placement: SIX-MONTH PRACTICAL TRAINING

3.3 Access requirements:
LEAVING CERTIFICATE OF UPPER SECONDARY SCHOOL AND GENERAL UNIVERSITY ENTRANCE EXAMINATIONS

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1 Mode of study:
FULL-TIME ATTENDANCE

4.2 Programme requirements:

Studies at the Computer Science and Telecommunications Department cover the disciplines of Computer Science and Applications, and Network Organisation and Management in Information Systems and Telecommunications. The duration of studies is 8 (eight) semesters, including a six-month work placement. The first 7 semesters consist of theoretical lectures, laboratorial exercises, practical projects and written assignments. For the integrated scientific training of the students, the programme comprises general background and specialisation courses aiming to provide students with the required theoretical background, as well as, the professional expert knowledge in the sectors of Information Technology and Telecommunications.

According to the regulations, students become graduates after they have successfully:
a)attended all courses in the programme and have acquired at least 240 ECTS credits,
b)submitted and presented their dissertation, and
c)completed a six-month work placement in the profession.

Upon successful completion of the programme the graduate of the department can understand problems and apply techniques for their solution in the Engineering of Computer Systems, Networking & Telecommunications and Software.

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

No	CODE	COURSE TITLE	SEM	EXAM	ECTS CREDITS	GRADE	REMARKS
1	123[103]	Communications Principles	1	2008-09	5	Ung. Pass	CGB
2	284	Principles of Telecommunications	1	2008-09	5	Ung. Pass	CGB
3	124[104]	Electronics	1	2008-09	5	Ung. Pass	CGB
4	125[105]	Logic in Computer Science	1	2008-09	5	Ung. Pass	CGB
5	590	Computer Science Logic	1	2008-09	5	Ung. Pass	CGB
6	120[100]	Mathematical Analysis I	1	2008-09	5	Ung. Pass	CGB
7	180	Mathematics I	1	2008-09	5	Ung. Pass	CGB
8	182	Computer Programming	1	2008-09	5	Ung. Pass	CGB
9	122[102]	Programming I	1	2008-09	5	Ung. Pass	CGB
10	121[101]	Physics I	1	2008-09	5	Ung. Pass	CGB
11	183	Physics	1	2008-09	5	Ung. Pass	CGB
12	485	Object Oriented Programming I	2	2008-09	5	9,5	CGB
13	225[313]	Arithmetic analysis	2	2008-09	5	10	CGB
14	223[300]	Computer Architecture I	2	2009-10	5	10	CGB
15	381	Computer Architecture I	2	2009-10	5	10	CGB
16	224[204]	Electronics and Telecommunications	2	2008-09	5	10	CGB
17	220[200]	Mathematical Analysis II	2	2008-09	5	Ung. Pass	CGB
18	226[202]	Programming II	2	2008-09	5	9,5	CGB
19	221[201]	Physics II	2	2008-09	5	10	CGB
20	281	Digital Systems	2	2008-09	5	10	CGB
21	320[203]	Data Bases I	3	2009-10	5	9	CGB
22	384	Databases I	3	2009-10	5	9	CGB
23	280	Mathematics II	3	2008-09	5	7	CGB
24	325	Linear Algebra	3	2008-09	5	7	CGB
25	323[400]	Networks I	3	2009-10	5	9,5	CGB
26	383	Networks I	3	2009-10	5	9,5	CGB
27	282	Data and File Structures	3	2009-10	5	8,5	CGB
28	321[205]	Data Structures and Files	3	2009-10	5	8,5	CGB
29	322[301]	Statistics and Probability Theory	3	2008-09	5	10	CGB
30	380	Statistics and Probability Theory	3	2008-09	5	10	CGB
31	324[402]	Operating Systems	3	2008-09	5	8,5	CGB
32	480	Operating Systems	3	2008-09	5	8,5	CGB
33	421[412]	Analysis of Algorithms	4	2009-10	5	9	CGB
34	482	Algorithms	4	2009-10	5	9	CGB
35	283	Information Systems Analysis and Design	4	2009-10	5	8	CGB
36	425[311]	Analysis and Design of Information Systems	4	2009-10	5	8	CGB
37	424[312]	Principles of Programming Languages	4	2009-10	5	9	CEL
38	422[410]	Computer Architecture II	4	2009-10	5	9	CGB
39	671	Computer Architecture II	4	2009-10	5	9	CGB
40	427[500]	Networks II	4	2009-10	5	8	CGB
41	484	Networks II	4	2009-10	5	8	CGB
42	426[403]	System Theory – Control Systems	4	2008-09	5	Ung. Pass	CGB
43	481	Control Systems and Industrial Informatics	4	2008-09	5	Ung. Pass	CGB
44	533[710]	Data bases II	5	2009-10	6	8,5	CGB
45	593	Databases II	5	2009-10	6	8,5	CGB
46	575	Business Economics	5	2009-10	5	8	CGB
47	920[900]	Business Economics	5	2009-10	5	8	CGB
48	531[302]	Programming III	5	2009-10	7	9,3	CGB
49	592	Object Oriented Programming II	5	2009-10	7	9,3	CGB
50	532[503]	Software Technology	5	2011-12	7	9,3	CGB
51	591	Software Engineering	5	2011-12	7	9,3	CGB
52	542[401]	Telecommunication Systems I	5	2010-11	7	10	CGB
53	483	Telecommunication Systems I	5	2010-11	7	10	CGB
54	644[601]	Wireless and Mobile Communications	6	2011-12	5	10	CEL
55	781	Mobile Communications	6	2011-12	5	10	CEL
56	656[600]	Network Security and Management	6	2010-11	5	9	CEL

57	682	Network Management and Security	6	2010-11	5	9	CEL
58	675	Operations Research	6	2010-11	5	9	CEL
59	930[910]	Operations Research	6	2010-11	5	9	CEL
60	574	Artificial Intelligence	6	2011-12	5	8,6	CEL
61	631[413]	Artificial Intelligence	6	2011-12	5	8,6	CEL
62	385	Technical Legislation	6	2010-11	5	9	CGB
63	921[901]	The Regulatory Environment in Telecommunications	6	2010-11	5	9	CGB
64	642[501]	Telecommunication systems II	6	2011-12	5	8,5	CEL
65	681	Telecommunication Systems II	6	2011-12	5	8,5	CEL
66	764	Computing in Education	7	2011-12	3	10	CEL
67	923[913]	The Art of Teaching Computer Sciences	7	2011-12	3	10	CEL
68	745[702]	Broadband Networks	7	2010-11	7	10	CEL
69	780	Broadband Networks	7	2010-11	7	10	CEL
70	757	Distributed Systems	7	2011-12	7	9	CEL
71	760	High Performance Systems	7	2011-12	7	9	CEL
72	693	Compilers	7	2011-12	7	9	CEL
73	736[411]	Compilers	7	2011-12	7	9	CEL
74	734[700]	Programming IV	7	2011-12	7	9,3	CEL
75	692	Internet Applications Programming	7	2011-12	7	9,3	CEL
76	2000	Dissertation	8	31/1/2014	20	10	CGB

TOTAL ECTS CREDITS: 431.0

REMARKS: CGB=Courses of General Background, OC=Optional Courses, SPC=Specialization Courses, CEL=Core Electives, ER=Erasmus Recognition, SEL=Specialization Electives, Ung. Pass = Ungraded pass

Title of Degree dissertation: COMPONENT -BASED APPLICATION SOFTWARE DESIGN AND DEVELOPMENT(20 ECTS, grade: 10)
Work Placement :(10 ECTS)

4.4 Grading Scheme and, if available, grade distribution guidance:
According to the regulation of study, grading is in the ten-point scale:
8.50 to 10 = Excellent
6.50 to 8.49 = Very good
5.00 to 6.49 = Good
For the successful completion of a course the grade received must be equal to or higher than 5.00.

4.5 Overall classification of the qualification (in original language): 9,21 Excellent - Άριστα (Arista)

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study:

A degree (PTYCHIO) from the Department provides the opportunity for access to postgraduate studies in order to obtain a specialist postgraduate diploma and/or a doctoral diploma.

5.2 Professional status (if applicable):

The graduates of the Computer Science and Telecommunications Department, having acquired specialised scientific and technological knowledge, are employed in the private and the public sector, either as freelancers or in collaboration with other scientists, in the fields of systems hardware development and maintenance, software development and maintenance, and telecommunications services. More specifically, the department graduates specialise in:
* Networking & Telecommunications
* Programming and software development
* Computational Systems & devices.

The graduates of the Computer Science and Telecommunications Department, according to the current Greek legislation, are also qualified to:
* work in all positions of the public and private education.
* work as research consultants in research projects relevant to their specialisation.
* work in the public sector and be promoted in the hierarchy.
* participate in project planning, and development and maintenance services, in the fields covered by the subject area of their specialisation.
(Presidential Decree 183/3-12-2008 published in Gov. Gazette A΄246/3&4-12-2008)

6. ADDITIONAL INFORMATION

6.1 Additional Information:

6.2 Further information sources

European Union : http://ec.europa.eu/
Ministry of education: www.minedu.gov.gr
Web Site of the Institution: www.teilar.gr

Web site of the department: http://www.cs.teilar.gr

7. CERTIFICATION OF THE SUPPLEMENT

7.1 Date : 30/12/1899

7.2 Names and Signatures :

	Dr ILIAS SAVVAS Associate Professor	MARINA ALEXAKI-KOLLATOU
7.3 Capacity :	Head of the Department	Head of Student Registry

7.4 Official Stamp or seal:

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

(i) Structure

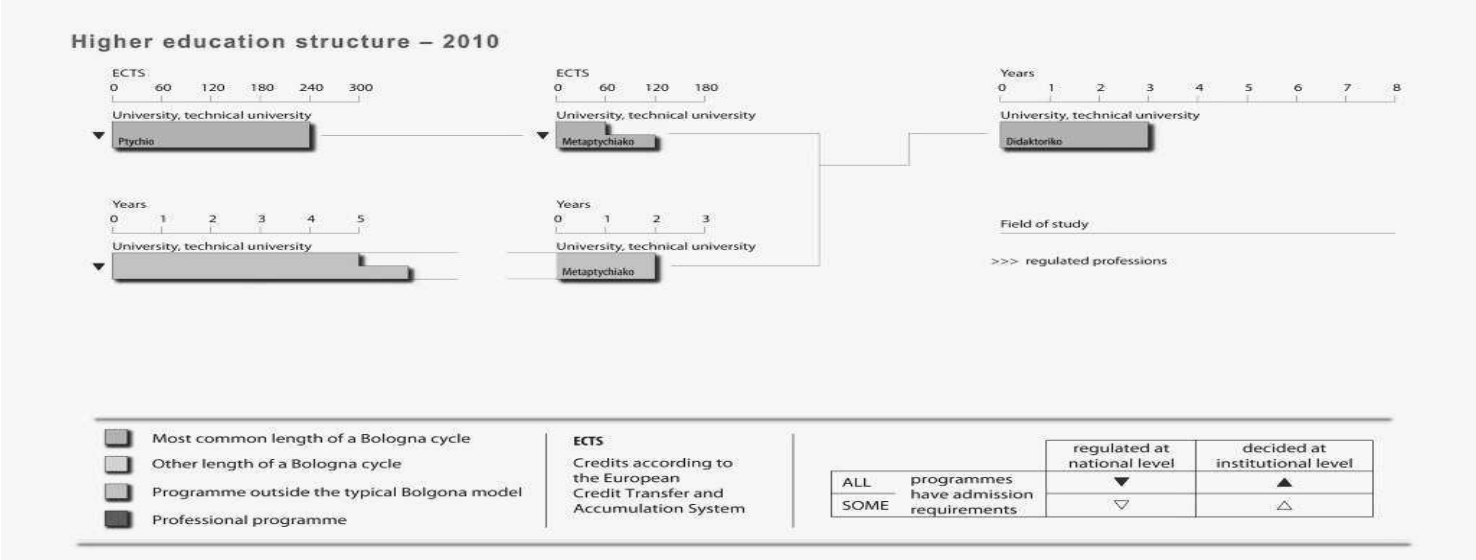
According to the Framework Law (2007), higher education consists of two parallel sectors: the University sector (Universities, Polytechnics, Fine Arts Schools, the Open University) and the Technological sector (Technological Education Institutions (TEI) and the School of Pedagogic and Technological Education). The same law regulates issues concerning governance of higher education along the general lines of increased participation, greater transparency, accountability and increased autonomy. There are also State Non-university Tertiary Institutes offering vocationally oriented courses of shorter duration (2 to 3 years) which operate under the authority of other Ministries.

(ii) Access

Entrance to the various Schools of the Universities (Panepistimio) and Technological Education Institutions (Technologiko Ekpaideftiko Idryma - TEI) depends on the general score obtained by Lyceum graduates on the Certificate, on the number of available places (numerus clausus) and on the candidates' ranked preferences among schools and sections.

(iii) Qualifications

Students who successfully complete their studies in universities and TEI are awarded a Ptychio (first cycle degree). First cycle programmes last from four years for most fields to five years for engineering and certain other applied science fields and six years for medicine. The Ptychio leads to employment or further study at the post-graduate level that includes the one year second cycle leading to the second degree, Metaptychiako Diploma Eidikefsis - equivalent to the Master's degree - and the third cycle leading to the doctorate degree, Didaktoriko Diploma. Recent legislation on quality assurance in Higher Education, the Credit Transfer System and the Diploma Supplement defines the framework and criteria for evaluation of university departments and for certification of student degrees. These measures aim at promoting student mobility and contributing to the creation of a European Higher Education Area.



This Diploma Supplement is issued and administered by the Technological Education Institute (TEI) of Thessaly according to the provisions of Article 8 (§6&7) Presidential Decree 83/2013 (Gov. Gazette 123/3-6-2013/A) and Article 7 of Law 4009/2011 as amended with Article 7 § 4c of Law 4142/2013 (Gov. Gazette 83/9-4-2013 vol. A).