SCHOOL OF PEDAGOGICAL AND TECHNOLOGICAL EDUCATION

A Brief Guide to ASPETE 2015-2016

Erasmus+

ASPETE

September 2015

Erasmus+

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Preface

This **Brief Guide to ASPETE for 2015-2016** contains essential information about ASPETE's mission and vision, past history and present profile, as well as a guide to courses taught and degrees awarded, including ECTS credits allocation and further curricula specifications.

ASPETE is situated in Athens, but it also operates branches in a number of cities across the country. Nurtured with great expectations in relation to the teaching profession, ASPETE aims at ensuring and promoting excellence in all of the programmes offered by its academic departments. These include undergraduate (1st cycle) and postgraduate (2nd cycle) degree programmes, as well as programmes of pedagogical training, further training or specialization. To this end, ASPETE is committed to policies and standards that define best practices and encourage transnational cooperation.

The **Brief Guide to ASPETE for 2015-2016** is divided into sections and subsections, as set out in the detailed contents list. The sections can be read straight through, but they are primarily designed for reference.

Information can also be accessed on the web at: www.aspete.gr

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1 Introducing ASPETE

1.1 Historic Review

The School of Pedagogical and Technological Education (ASPETE) was founded in Athens in June 2002 as the successor of SELETE, a Technical & Vocational Teacher Training Institute, founded in 1959 (Law 3971/1959).

When SELETE was first established, the prevailing trend for the education and training of Technical and Vocational Teachers was that of the "add on" approach. That is, the focus was primarily on pedagogical training and only a small component of the curriculum pertained to technical or vocational subjects. Later, in the seventies, a parallel approach was adopted, that urged integrating pedagogical training with technical and vocational training. This new approach led to the establishment of two separate Schools under SELETE:

- **The Pedagogical Technical School (PATES)**, which maintained the tradition of the "add on" or consecutive pedagogical approach and included the following Departments:
  - Department of Tertiary Education Graduates
  - Department of Secondary Technical & Vocational Education Graduates
- **The Higher School of Pedagogical & Technical Education (ASETEM)**, which adopted the parallel or concurrent model approach and included the following Higher Education Departments:
  - Department of Electrical Engineering Educators
  - Department of Electronic Engineering Educators
  - Department of Mechanical Engineering Educators
  - Department of Civil Engineering Educators
    (i) Option of Structural Engineering
    (ii) Option of Transportation Engineering & Hydraulics

SELETE continued to function with this structure until the end of the academic year 2001-2002, when it was officially succeeded by the **School of Pedagogical & Technological Education, ASPETE** (Law 3027/2002, Article 4).

1.2 ASPETE's Academic Profile

The School of Pedagogical and Technological Education (ASPETE) is a self-administered public legal entity operating in accordance with article 16, para. 5 of the Constitution, **the provisions of article 4 of Law 3027/2002 as amended by the Presidential Decree 101/2013 and article 29 of Law 4186/2013, and the School's Regulation.**

ASPETE provides concurrent technological and pedagogical education and training at tertiary level. Its mission includes the promotion of applied research in educational technology and pedagogy, the provision of high-level undergaduate (first cycle) and postgraduate (second cycle) programmes, as well as programmes of training, further training or specialization for in-service or prospective secondary teachers. Apart from **Athens**, one-year self-funded programmes of ped-

agogical training or specialization, are currently delivered in **Thessaloniki**, **Patras**, **Volos**, **Ioannina**, **Kozani**, **Sapes**, **Heraklion-Crete**, **Mytilene**, **Rhodes** and **Argos**.

ASPETE's policy statement also acknowledges the changing landscape of Higher Education in Europe and encourages transnational cooperation.

ASPETE has the following Academic Departments:

- Dept. of Education
- Dept. of Electrical and Electronic Engineering Educators
- Degree Option: Electrical Engineering Educators
- Degree Option: Electronic Engineering Educators
- Dept. of Mechanical Engineering Educators
- Dept. of Civil Engineering Educators

The undergraduate (first cycle) degree issued by the three Technological Departments of ASPETE qualifies its holders to teach in the corresponding discipline in secondary education. It also qualifies them to work as engineers in the corresponding discipline, with professional rights equivalent to those of TEIs (Technological Education Institutions). The Degree bears both titles, that of the educator and that of the engineer. It is awarded following the completion of a course of study of ten academic semesters including the submission of a graduation thesis and a six-month engineering work placement in the field (Article 29, Law 4186/2013/FEK 193 issue A'/17.9.2013).

ASPETE's Department of Education supports the School's Technological Departments by providing the pedagogical and general courses that constitute an integral part of the curriculum. In doing so, they support ASPETE's commitment to an education emphasizing the preparation of knowledgeable engineering educators who demonstrate depth and breadth in engineering subject area content(s), as well as in engineering pedagogy. The Department also provides scientific supervision and support to the programmes of pedagogical training, further training or specialization implemented by ASPETE.

ASPETE's Academic Departments also offer high-level postgraduate 2nd cycle degrees (**MA/MSc**) promoting research in the relevant subject areas (see para 3).

1.3 ASPETE's Administrative Structure

1.3.1 Governing Board

ASPETE is supervised by the Ministry of Education and administered by a 7-member Governing Board. The Governing Board plays a key role in the strategic development and overall performance of ASPETE, as well as in enhancing its success and reputation regionally, nationally and internationally.

The Governing Board holds regular meetings, which may be attended by (i) an academic staff union representative, and (ii) a student union representative, who, however, do not have a voting right.

Directly accountable to the Administration Board are:

- The Special Account for Research Grants (ELKE)

- The Legal Service
- The Public & International Relations Office.

1.3.2 Bodies of Academic Departments

ASPETE's Academic Departments are run by their Departmental Councils, which are presided by their Department Head. Each Departmental Council comprises three Members of the Department's Academic Staff and a Student Union Representative.

1.3.3 Administrative Services

ASPETE's mission is supported by the following Administrative Services, headed by the Secretary of ASPETE:

- Administrative Services
- Financial Services
- Register of Correspondence
- Library & Publications
- Technical Services
- Health Care Services
- Statistics & Registry Services
- Network Operation Centre (ref. D.E. Deed no. 25/2-12-10, 1.1)

1.4 ASPETE's Campus and Branches

The Athens Campus

ASPETE's main campus, immediately adjacent to the Olympic Stadium and encompassing approximately 200 acres, is situated in an attractive location no more than 10 km from the center of **Athens**. The easiest access to it is by metro or train. Disembarking at "IRENE Station" and taking the exit to the north, one is already within its boundaries.

Campus premises include building complexes housing ASPETE's departments and services, a theater/ceremony hall, a student residence hall, a restaurant for students and personnel, sport facilities and car parks, all within easy walking distance. One of the most picturesque sites of the campus is the little chapel built on a small hill overlooking the area.

ASPETE's campus is also well provided with library facilities, catering for undergraduate needs, advanced study and research.

In response to the increasing demand for expanding its activities, ASPETE has operated a num-

ber of geographically dispersed **Branches** offering programmes of pedagogical training and further training or specialization. Today ASPETE has Branches in **Thessaloniki** (since 1979), **Patras** (1996), **Ioannina** (1999), **Heraklion-Crete** (1999), **Volos** (2000), **Sapes** (2008), **Rhodes/Southern Aegean Branch** (2012), **Mytilene/Northern Aegean Branch** (2013), **Kozani/Western Macedonia Branch** (2013), and **Peloponesse/Argos Branch** (2014).

ASPETE's Branches

Thessaloniki

Patras

Peloponesse/Argos

Ioannina

West Macedonia/Kozani

Sapes

Heraklion-Crete

South Aegean/Rhodes

North Aegean/Mytilene

Volos

ASPETE's Campus and Branches

• Athens •
• Thessaloniki 1979 • Patra 1996 •
• Ioannina 1999 • Heraklion Crete 1999 •
• Volos 2000 • Sapes 2008 • Rhodes 2012 •
• Mytilene 2013 • Kozani 2013 • Argos 2014 •

2 Undergraduate Programmes

2.1 Degree Programmes by the Technological Departments

- **Department of Electrical and Electronic Engineering Educators**
- **Degree Option: Electrical Engineering Educators**

  Title: Electrical Engineering Educator
  Level of Qualification: Bachelor (1st Cycle of Studies)
  Duration of Studies: 5 years (10 academic semesters)
  Total Student Working Load: 7500 hours
  ECTS: 300
- **Degree Option: Electronic Engineering Educators**
- **Degree Awarded: Electronic Engineering Educator**

  Level of Qualification: Bachelor (1st Cycle of Studies)
  Duration of Studies: 5 years (10 academic semesters)
  Total Student Working Load: 7500 hours
  ECTS: 300
- **Department of Mechanical Engineering Educators**
- **Degree Awarded: Mechanical Engineering Educator**

  Level of Qualification: Bachelor (1st Cycle of Studies)
  Duration of Studies: 5 years (10 academic semesters)
  Total Student Working Load: 7500 hours
  ECTS: 300
- **Department of Civil Engineering Educators**
- **Degree Awarded: Civil Engineering Educator**

  Level of Qualification: Bachelor (1st Cycle of Studies)
  Duration of Studies: 5 years (10 academic semesters)
  Total Student Working Load: 7500 hours
  ECTS: 300

2.2 Content and Structure

The content and structure of the above degree programmes reflect and promote ASPETE's twofold orientation, i.e. the pedagogical and the technological, as well as the principles of the concurrent model of education on which they are based.

Taught courses fall into two main categories:

- Technological Courses (T), and
- Pedagogical Courses (P)

offered concurrently with a balanced emphasis (see Part B below).

The above course categories are further classified into the following discipline-specific groups:

- General Core Courses
- Special Core Courses

- Specialization Courses
- Administration, Economics, Law, and Humanities Courses

2.3 Mode of Delivery & Language of Instruction

Courses are delivered face-to-face through a variety of teaching methods including formal lectures, laboratory and workshop tutorials, fieldwork and projects aiming at consolidating the learning goals and objectives. The balance between theory and practice is further enhanced by various extra-curricular activities ranging from special topic seminars, conferences and panel discussions to educational visits and trips.

Courses in ASPETE are normally taught in Greek. In all Departments, however, there are special arrangements for incoming Erasmus students. The most common ones are tutorials in English, assignment of essays and projects in English with the use of English bibliography, exam papers in English, etc. As not all incoming students are fluent in Greek, ASPETE requires a sufficient knowledge of the English language to allow students to communicate and function within an academic context.

2.4 ECTS Credits Allocation

The European Credits Transfer System (ECTS) is applied to all undergraduate study-programmes offered by ASPETE. Each academic semester is consistently equivalent to 30 ECTS credits, which gives a total of 300 credits corresponding to a total of 7.500 hours of workload. ECTS credits are allocated to all compulsory course units (see Part B below).

2.5 Assessment and Grading

Each course unit or subject is assessed separately by means of assignments and mid-term exams (progress-tests), as well as formal examinations at the end of each semester. A grading scale from 0 to 10 is used, with 5 being the lowest passing grade. A student with a failing final grade in a subject is entitled to resit the second examination period of the corresponding semester.

The overall award classification is based upon the final overall mark. The following grading and classification scheme is used:

Grading Scheme and Classification

8.50 – 10.00: Excellent
6.50 – 8.49: Very Good
5.00 – 6.49: Good

2.6 Admission Requirements

Admission to the 5-year **Undergraduate Programmes** offered by the Technological Departments of ASPETE is made possible through the procedures specified by the system regulating entrance to tertiary/higher education in Greece.

2.7 Graduation Requirements

ASPETE's 1st cycle degree (ptychio) is awarded following the successful completion of a course

of study of ten academic semesters. Students receive their degree when they have achieved a total of 300 ECTS credits, and specifically when:

- They have successfully completed all courses of their Department's study-programme
- They have successfully submitted their graduation thesis
- They have successfully completed a six-month practical training in the field
- They have successfully completed their teaching practice sessions
- They have completed 5 years of study

2.8 Diploma Supplement (DS)

As from June 2008, all ASPETE's graduates receive a **Diploma Supplement (DS)**, which follows the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The DS is issued both in Greek and in English, automatically and free of charge.

ASPETE is a holder of the **DS Label 2012/15**, an honorary distinction awarded by the European commission and EACEA to Higher Education Institutions demonstrating excellence in applying and issuing DS.

2.9 Access to Further Studies

ASPETE's 1st cycle degree may entitle access to:

- Postgraduate studies leading to the award of a postgraduate degree (MA/MSC or PhD).

2.10 Student Care & Services

ASPETE's students are entitled to:

- Free textbooks and other teaching material
- Scholarships (distinguished students with low family income)
- Accommodation at the Student Residence Hall of ASPETE, conveniently located on campus (students with low family income)
- Loans under provisions
- Free health care (students with no health insurance coverage)
- Student Union membership

ASPETE's students receive:

- A Pass Card for reduced fares (valid for 1 year and renewable annually)
- Meal coupons for use at the School's Restaurant

Other student services include:

- Library facilities
- Computer and networking facilities
- Printing and photocopying facilities
- Workshop and laboratory facilities
- Web-based videoconference facilities

- OPEN eCLASS (http://eclass.aspete.gr)
- Sport facilities (indoor gym, basketball and volley courts)
- Confidential support services and personal counselling
- Support services for students with disabilities
- Erasmus mobility services (www.aspete.gr – Erasmus+ Icon)
- Liaison/Career Office services (comprehensive range of resources including links with the labour market, careers service, information on postgraduate studies, scholarships and grants, etc).

2.11 Exchange Students

Exchange students are being accepted only from partner Institutions with which there are signed Inter-Institutional Agreements in force. Mobility is organized in line with the terms of the Agreements, and relevant info is published on ASPETE's website.

Incoming Erasmus Students: Students who wish to study or do their work placement in ASPETE under Erasmus+/KA1 are strongly advised to contact the International and/or Erasmus Office in their home institution to discuss aspects of their application and Learning or Training Agreement. It is the responsibility of the Departmental Erasmus Coordinator at home institution to ensure that (a) the courses students wish to take in ASPETE fulfill the requirements of their own degree programme, (b) they are actually offered in the specific mobility semester by the Department of ASPETE they are applying to, (c) that the students are eligible for the specific mobility. Information concerning courses and ECTS (see also 2.4 above and Course Catalogue in Part B below), application procedures and deadlines, accommodation, etc, is published on ASPETE's website (www.aspete.gr – Erasmus+ Icon). Students may also want to contact the Institutional Erasmus Coordinator of ASPETE or the Departmental Coordinator of the relevant Dept. Their contact details are available in the above link. Similar procedures hold true for ASPETE's **outgoing students** who wish to study or do their placement under /Erasmus+ abroad.

2.12 Academic Calendar

The academic year starts on September 1, every year and ends on August 31 of the following year. The academic year in ASPETE is typically divided into two semesters, each comprising 13 weeks of teaching and a 2-week examination:

- Fall/winter semester courses start in the beginning of October and end in late January, followed by the first exam period of the fall/winter semester.
- Spring semester courses start in mid- or late February and end in late May, followed by the first exam period of the spring semester.

Each semester has two exam periods:

- Fall/winter semester courses are examined during the January-February exam period; resit exams are held in September
- Spring semester are examined during the exam period of June; resit exams are held in September

Exact dates are determined by the Departmental Councils and ASPETE's Administrative Board on a yearly basis and are published on the website.

Holidays:

- Christmas Holidays: December 24th to January 7th
- Easter Holidays: Holy Monday to First Sunday after Easter
- Summer Holidays: Beginning of July to August 31st

Other Official Holidays:

- October 28th: National Holiday
- November 17th: For Educational Institutions only
- January 6th: Epiphany Day
- January 30th: For Educational Institutions only
- Lent Monday: Movable
- March 25th: National Holiday
- May 1st: Labour Day
- Holy Spirit Day/Pentecost Monday: Movable

3 Postgraduate Programmes

Since 2005, ASPETE has been offering high-level postgraduate 2nd cycle degrees (MA/MSc) promoting research in the relevant subject areas, such as (see also below):

- **"MA in Subjects Didactics and New Technologies":** Offered jointly with the National & Kapodistrian University of Athens/School of Philosophy, Faculty of Philosophy, Education and Psychology (completed)
  http://dimente.ppp.uoa.gr
- **"M.A. in Education (Education Sciences)":** Offered jointly with Roehampton University, London, UK (to be completed in January 2016).
  http://www.aspete.gr/ma_in_education/index.html
- **"MA "Organization and Management of Education":** ASPETE, Dept. of Education (FEK issue B'3003/06.11.2014).
  http://edumanagement.masters.aspete.gr/
- **MA "Education Sciences":** ASPETE, Dept. of Education (FEK issue B' 3576/31.12.2014)
  http://edusciences.masters.aspete.gr/index.php/
- **MSc "Master of Science in Science, Technology, Engineering and Mathematics" :** ASPETE, Dept. of Education (FEK issue B' 3600/31.12.2014).
  http://stem.masters.aspete.gr/index.php/
- **MSc "Applied Computational Structural Engineering (ACSE)":** ASPETE, Dept. of Civil Engineering Educators (FEK issue B' 3576/31.12.2014).
  http://acse.aspete.gr/
- **Interdisciplinary MSc "Upgrading of Buildings" with two degree options: a) Structural Upgrading of Buildings, and b) Energy Upgrading of Buildings":** ASPETE, Dept. of Civil

Engineering Educators and Dept. of Mechanical Engineering Educators (FEK issue B' 3600/31.12.2014).
http://buildupgrade.masters.aspete.gr/

- **"Modern Methods in Design and Analysis of Engineering Structure":** ASPETE, Dept. of Mechanical Engineering Educators (FEK issue B' 3600/31.12.2014).
  http://structures.aspete.gr/index.php/
- **"Water Management Technologies, Soft Energy Sources and Environmental Mechanics":** ASPETE, Dept. of Civil Engineering Educators (FEK issue B' 1355/03.07.2015).
  http://mtwsesem.masters.aspete.gr/index.php/
- **"Counselling and Guidance":** ASPETE, Dept. of Education (FEK issue B' 1355/03.07.2015
  http://syep.masters.aspete.gr/

4 Programmes of Training, Further Training or Specialization

4.1 The Pedagogical Training Programme

The pedagogical training programme (EPPAIK) offered by ASPETE is of a one-year duration and leads to the award of a "Certificate of Pedagogical and Teaching Competence". The programme is tailored to meet the needs of in-service or prospective teachers with degrees from all higher education disciplines and specializations.

Admission to the pedagogical training programme is determined by the Governing Board of ASPETE on a yearly basis.

The programme integrates theoretical instruction and laboratory work, is supplemented by the Teaching Practice Sessions, and is supported by a variety of extra-curricular on-campus and off-campus activities. Apart from Athens, it is delivered in Thessaloniki, Patras, Ioannina, Heraklion-Crete, Volos, Sapes, Rhodes, Mytilene, Kozani, and Argos.

4.2 Programmes of Further Training or Specialization

The programmes of further training or specialization offered by ASPETE are of up to two-semesters and are intended for higher education graduates from all academic dsiciplines and specializations. Admission to these programmes is determined by the Governing Board of ASPETE. Those that have successfully completed the programmes, are awarded a "Certificate of Further Training" or "Specialization Training", accordingly.

As with the pedagogical training programme, admission to the programmes of further training or specialization is determined by the Governing Board of ASPETE on a yearly basis.

Part B - Programmes Specifications

5 Department of Electrical and Electronic Engineering Educators

- **Degree Option A:** Electrical Engineering Educators
- **Degree Option B:** Electronic Engineering Educators

5.1 5-Year Degree Programme

Title:
Degree Option A: Electrical Engineering Educator
Degree Option B: Electronic Engineering Educator
Level: Undergraduate (1st Cycle)
Duration: 5 years/10 academic semesters
ECTS: 300 **Total Workload**: 7500 hours

STUDY PROGRAMME

Abbreviations used:

A: Degree Option A, **B:** Degree Option B, **C:** Compulsory, **CE:** Compulsory Elective, **O:** Optional (no ECTS credits) **T:** Technological Course, **P:** Pedagogical Course, **Th.:** Theory/Hours per Week, **Lab:** Hours per Week, **Total:** Total No. of Hours per Week, **WL:** Workload

1st SEMESTER								
Code	**COURSE TITLE**	**C/CE/O**	**T/P**	**Th.**	**Lab**	**Total**	**WL**	**ECTS**
EE101	Mathematics I	C	T	4	0	4	9.0	5.0
EE102	Physics	C	T	4	2	6	11.0	6.0
EE103	Electric Circuits I	C	T	4	2	6	11.0	6.0
EE104	Computer Programming	C	T	2	2	4	6.0	3.0
EE105	Pedagogy & Philosophy of Education	C	P	3	0	3	6.5	5.0
EE106	Developmental Psychology	C	P	3	0	3	6.5	5.0
	Total			**20**	**6**	**26**	**50.0**	**30.0**

2nd SEMESTER								
Code	**COURSE TITLE**	**C/CE/O**	**T/P**	**Th.**	**Lab**	**Total**	**WL**	**ECTS**
EE201	Mathematics II	C	T	4	0	4	9.0	5.0
EE202	Electronics I	C	T	3	2	5	8.5	5.0
EE203	Electric Circuits II	C	T	4	2	6	11.0	6.0
EE204A EE204B	Electrical Drawing Component Technology - Electronic Design	C C	T T	2 2	2 2	4 4	6.5	4.0
EE205	Computer Programming for Engineering Applications	C	T	3	2	5	8.5	5.0
EE206	Educational Psychology	C	P	3	0	3	6.5	5.0
	Total			**19**	**8**	**27**	**50.0**	**30.0**

3rd SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
EE301	Mathematics III	C	T	4	0	4	9.0	5.0
EE302	Electronics II	C	T	4	2	6	11.5	7.0
EE303	Electromagnetic Fields	C	T	4	0	4	9.0	5.0
EE304	Signals and Systems	C	T	4	0	4	9.0	5.0
EE305	Educational Evaluation	C	P	3	0	3	7.0	5.0
EE306	Computer Applications in Education	C	P	1	2	3	4.5	3.0
	Total			**20**	**4**	**24**	**50.0**	**30.0**

4th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
EE401A EE401B	Electric Machines I Electronics III	C C	T T	3 3	2 2	5 5	9.5	5.5
EE402	Logic Design	C	T	3	2	5	9.5	5.5
EE403	Instrumentation -Measurements	C	T	3	2	5	9.5	5.5
EE404	Foreign Language-ESP	C	T	3	0	3	7.5	3.5
EE405	Teaching Methodology	C	P	3	0	3	7.0	5.0
EE406	Counselling Psychology & Guidance	C	P	3	0	3	7.0	5.0
	Total			**18**	**6**	**24**	**50.0**	**30.0**

5th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
EE501	Automatic Control Systems	C	T	3	2	5	9.0	5.0
EE502A EE502B	Electric Machines II Analog & Digital Filters	C C	T T	3 3	2 2	5 5	9.0	5.0
EE503	Reliability Engineering	C	T	4	0	4	9.0	5.0
EE504	Entrepreneurship – Innovation I & Subject Didactics	C	T	2	0	2	5.0	3.0
EE505A EE505B	Electrical Installations I Telecommunication Systems	C C	T T	3 4	3 2	6 6	12.0	7.0
EE506	Organization, Administration & Sociology of Education	C	P	3	0	3	6.0	5.0
	Total			**18** **19**	**7** **6**	**25**	**50.0**	**30.0**

6th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
EE601	Power Electronics	C	T	3	2	5	9.0	5.0
EE602	Industrial Automatic Control	C	T	3	2	5	9.0	5.0
EE603A	Electrical Installations II	C	T	3	3	6	11.5	7.0
EE603B	Optical Communications	C	T	4	2	6		
EE604A	Electrical Energy Systems I	C	T	3	2	5	9.0	5.0
EE604B	Transmission Lines	C	T	3	2	5		
EE605	Subject Didactics	C	P	3	0	3	7.0	5.0
EE606	Educational Technology-Multimedia	C	P	1	2	3	4.5	3.0
	Total			**16** **17**	**11** **10**	**27**	**50.0**	**30.0**

7th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
EE701A	Electrical Energy Systems II	C	T	4	2	6	11.5	7.0
EE701B	Microwaves-Antennas	C	T	4	2	6		
EE702A	Quality Assurance	C	T	3	0	3	7.0	4.0
EE702B	Operating Systems	C	T	3	0	3		
EE703A	Lighting Technology	C	T	3	2	5	9.0	5.0
EE703B	Digital Design	C	T	3	2	5		
EE704A	Computer Aided Design of Electrical Installations	C	T	1	4	5	9.0	5.0
EE704B	Broadcasting Systems	C	T	3	2	5		
EE705	Educational Research Methodology	C	P	3	0	3	7.0	5.0
EE706	General Technology	C	T	2	2	4	6.5	4.0
	Total			**16** **18**	**10** **8**	**26**	**50.0**	**30.0**

8th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
EE801A	Electric Car System	C	T	3	2	5	10.0	6.0
EE801B	Computer Networks	C	T	3	2	5		
EE802	Data Acquisition & Processing	C	T	2	2	4	6.5	4.0
EE803A	High Voltages	C	T	4	2	6	11.5	7.0
EE803B	Wireless Communications	C	T	4	2	6		
EE804	Advanced Circuit Analysis	C	T	4	0	4	6.5	4.0
EE805A	Environmental Technology	C	T	4	0	4	6.5	4.0
EE805B	Digital Signal Analysis & Processing	C	T	2	2	4		
EE806	Teaching Practice I	C	P				9.0	5.0
EE807	Entrepreneurship - Innovation II *	O		0	(2)	(2)		
	Total			**17** **15**	**6** **8**	**23**	**50.0**	**30.0**

**Optional, pass/fail course with no grade or ECTS involved. Mandatory prerequisite: passing grade in EE504.*

9th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
EE901A EE901B	Electric Motion Digital Broadcasting Services	C C	T T	4 4	2 2	6 6	11.5	7.0
EE902	Microcomputers	C	T	4	2	6	11.5	7.0
EE903A EE903B	Power Systems Economics Broadband Communications	C C	T T	4 4	0 0	4 4	10.0	6.0
EE904	Alternative Energy Sources	C	T	3	0	3	7.0	4.0
EE905	Smart Grid	C	T	4	0	4	10.0	6.0
	Total			**19**	**4**	**23**	**50.0**	**30.0**

10th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
EE1001	Engineering Work Placement	C	T				10.0	6.0
EE1002	Teaching Practice II	C	P				7.0	4.0
EE1003	Graduation Thesis	C	T/P				33.0	20.0
	Total						**50.0**	**30.0**

Programme Requirements:

Students receive their degree when they have accumulated 300 credits (ECTS), and specifically when:

(a) they have successfully completed all Courses of the Department's Study Programme.
(b) they have successfully submitted their Graduation Project
(c) they have successfully completed a six-month Engineering Work Placement in the field
(d) they have successfully completed their Teaching Practice Sessions.
(e) they have completed 5 years of study

Upon successful completion of the Programme, depending on the Option chosen, students will:

(a) have acquired the basic scientific, theoretical and practical knowledge in the field of
(i) Electrical Engineering Educators and the related profession (Option A),
(ii) Electronic Engineering Educators and the related profession (Option B)
(b) be able to properly apply the theoretical and practical knowledge acquired during the study period
(c) have gained the necessary competencies to proceed to their second cycle studies

6 Department of Mechanical Engineering Educators

6.1 5-Year Degree Programme

Title: Mechanical Engineering Educator
Level: Undergraduate (1st Cycle)
Duration: 5 years/10 academic semesters
ECTS: 300 **Total Workload:** 7500 hours

STUDY PROGRAMME

Abbreviations used:

C: Compulsory, **CE:** Compulsory Elective, **O:** Optional (no ECTS credits) **T:** Technological Course, **P:** Pedagogical Course, **Th.:** Theory/Hours per Week, **Lab:** Hours per Week, **Total:** Total No. of Hours per Week, **WL:** Workload

1st SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
M0101	Introduction to Mechanics	C	T	6	0	6	12.0	7.0
M0102	Mathematics I	C	T	6	0	6	12.0	7.0
M0103	Chemistry & Technology of Materials	C	T	3	2	5	10.0	6.0
M0104	Developmental Psychology	C	P	3	0	3	8.0	5.0
M0105	Pedagogy & Philosophy of Education	C	P	3	0	3	8.0	5.0
	Total			**21**	**2**	**23**	**50.0**	**30.0**

2nd SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
M0201	Introduction to Manufacturing Processes	C	T	4	2	6	9.0	5.5
M0202	Applied Mechanics	C	T	5	0	5	9.0	5.5
M0203	Mathematics II	C	T	5	0	5	10.0	5.5
M0204	Mechanical Engineering Drawing	C	T	0	2	2	5.0	3.0
M0205	Physics	C	T	4	2	6	9.0	5.5
M0206	Educational Psychology	C	P	3	0	3	8.0	5.0
	Total			**21**	**6**	**27**	**50.0**	**30.0**

3rd SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
M0301	Strength of Materials I	C	T	6	2	8	12.0	7.5
M0302	Electrotechnics	C	T	2	0	2	5.0	3.0
M0303	Thermodynamics	C	T	3	0	3	7.0	4.0
M0304	Fluid Mechanics I	C	T	4	2	6	13.0	7.5
M0305	Computer Applications in Education	C	P	1	2	3	5.0	3.0
M0306	Educational Evaluation	C	P	3	0	3	8.0	5.0
	Total			**19**	**6**	**25**	**50.0**	**30.0**

4th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
M0401	Strength of Materials II	C	T	4	2	6	10.0	6.0
M0402	Electric Machines	C	T	3	2	5	7.0	4.0
M0403	Fluid Mechanics II	C	T	4	2	6	11.0	6.5
M0404	Foreign Language -ESP	C	T	3	0	3	6.0	3.5
M0405	Teaching Methodology	C	P	3	0	3	8.0	5.0
M0406	Counselling Psychology and Guidance	C	P	3	0	3	8.0	5.0
	Total			**20**	**6**	**26**	**50.0**	**30.0**

5th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
M0501	Material Removal Processes and CNC Machine Tools	C	T	4	2	6	9.0	5.5
M0502	Heat Transfer	C	T	5	0	5	9.0	5.5
M0503	Machine Elements I	C	T	5	0	5	8.0	5.0
M0504	Hydraulic Turbomachines	C	T	4	2	6	11.0	6.0
M0505	Entrepreneurship, Innovation I & Subject Didactics	C	T	2	0	2	5.0	3.0
M0506	Organization, Administration & Sociology of Education	C	P	3	0	3	8.0	5.0
	Total			**23**	**4**	**27**	**50.0**	**30.0**

6th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
M0601	Quality Management	C	T	4	2	6	9.0	5.5
M0602	Thermal Turbomachines	C	T	4	2	6	11.0	6.0
M0603	Machine Elements II	C	T	4	0	4	8.0	5.0
M0604	Heating Techniques – Steam Boilers	C	T	5	0	5	9.0	5.5
M0605	Subject Didactics	C	P	3	0	3	8.0	5.0
M0606	Educational Technology - Multimedia	C	P	1	2	3	5.0	3.0
M0607	Entrepreneurship - Innovation II *	O		0	(2)	(2)		
	Total			**21**	**6**	**27**	**50.0**	**30.0**

7th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
M0701	Advanced Deformation Processes	C	T	3	2	5	8.0	5.0
M0702	Internal Combustion Engines	C	T	4	2	6	8.0	5.0
M0703	Refrigeration and Air Conditioning Technology	C	T	4	2	6	9.0	5.0
M0704	Hydraulic and Pneumatic Systems	C	T	5	0	5	8.0	5.0
M0705	Educational Research Methodology	C	P	3	0	3	8.0	5.0
M0706	Teaching Practice I	C	P				9.0	5.0
	Total			**19**	**6**	**25**	**50.0**	**30.0**

8th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
M0801	Renewable Energy Sources - Energy Saving	C	T	5	2	7	10.0	6.0
M0802	Theory of Machines and Mechanisms	C	T	4	0	4	8.0	5.0
M0803	Mechanical Behaviour and Fatigue	C	T	3	0	3	6.0	3.5
M0804	Conveyors and Transfer Systems	C	T	4	0	4	8.0	4.5
M0805	Engineering Materials	C	T	4	0	4	8.0	5.0
M0806	Automobile Technology	C	T	4	2	6	10.0	6.0
	Total			**24**	**4**	**28**	**50.0**	**30.0**

9th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
M0901	Automatic Control Systems - Industrial Automations	C	T	4	0	4	11.0	6.5
M0902	Design and Technology	C	T	2	2	4	10.0	6.0
M0903	Modern Physics and Technology	C	T	4	0	4	10.0	6.0
M0904	Techno-Economic Analysis & Project Management	C	T	4	0	4	11.0	6.5
M0905	Technical Legislation	C	T	3	0	3	8.0	5.0
	Total			**17**	**2**	**19**	**50.0**	**30.0**

10th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
M1001	Graduation Thesis	C	T/P				33.0	20.0
M1002	Engineering Work Placement	C	T				10.0	6.0
M1003	Teaching Practice II	C	P				7.0	4.0
	Total						**50.0**	**30.0**

Programme Requirements:

Students receive their degree when they have accumulated 300 credits (ECTS), and specifically when:

(a) they have successfully completed all Courses of the Department's Study Programme.
(b) they have successfully submitted their Graduation Project
(c) they have successfully completed a six-month Engineering Work Placement in the field
(d) they have successfully completed their Teaching Practice Sessions.
(e) they have completed 5 years of study

Upon successful completion of the Programme students will:

(a) have acquired the basic scientific, theoretical and practical knowledge in the field of Mechanical Engineering Educators and the related profession
(b) be able to properly apply the theoretical and practical knowledge acquired during the study period
(c) have gained the necessary competencies to proceed to their second cycle studies

7 Department of Civil Engineering Educators

7.1 5-Year Degree Programme

Title: Civil Engineering Educator
Level: Undergraduate (1st Cycle)
Duration: 5 years/10 academic semesters
ECTS: 300 **Total Workload:** 7500 hours

STUDY PROGRAMME

Abbreviations used:

C: Compulsory, **CE:** Compulsory Elective, **O:** Optional (no ECTS credits) **T:** Technological Course, **P:** Pedagogical Course, **Th.:** Theory/Hours per Week, **Lab:** Hours per Week, **Total:** Total No. of Hours per Week, **WL:** Workload

1st SEMESTER								
Code	**COURSE TITLE**	**C/CE/O**	**T/P**	**Th.**	**Lab**	**Total**	**WL**	**ECTS**
CE101	Mathematics I	C	T	4	0	4	8.5	4.5
CE 102	Physics I	C	T	3	2	5	8.5	4.5
CE 103	Architectural Design I	C	T	2	5	7	9.5	6.5
CE 104	Introduction to Informatics & Computer Programming	C	T	2	2	4	7.5	4.5
CE 105	Pedagogy & Philosophy of Education	C	P	3	0	3	8.0	5.0
CE 106	Developmental Psychology	C	P	3	0	3	8.0	5.0
	Total			**17**	**9**	**26**	**50.0**	**30.0**

2nd SEMESTER								
Code	**COURSE TITLE**	**C/CE/O**	**T/P**	**Th.**	**Lab**	**Total**	**WL**	**ECTS**
CE 201	Mathematics II	C	T	3	2	5	8.5	5.5
CE 202	Physics II	C	T	3	2	5	7.0	4.0
CE 203	Structural Analysis I	C	T	3	2	5	9.0	5.5
CE204	Computer-Aided Design	C	T	0	5	5	9.0	5.5
CE205	Engineering Geology	C	T	2	2	4	8.5	4.5
CE206	Educational Psychology	C	P	3	0	3	8.0	5.0
	Total			**14**	**13**	**27**	**50.0**	**30.0**

3rd SEMESTER								
Code	**COURSE TITLE**	**C/CE/O**	**T/P**	**Th.**	**Lab**	**Total**	**WL**	**ECTS**
CE301	Structural Materials	C	T	3	3	6	10.0	6.0
CE302	Strength of Materials	C	T	3	3	6	10.0	6.0
CE303	Structural Analysis II	C	T	3	2	5	10.0	6.0
CE304	Traffic Engineering	C	T	2	2	4	7.0	4.0
CE305	Educational Evaluation	C	P	3	0	3	8.0	5.0
CE306	Computer Applications in Education	C	P	1	2	3	5.0	3.0
	Total			**15**	**12**	**27**	**50.0**	**30.0**

4th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
CE401	Numerical Analysis OR Advanced Topics in Physics	CE	T	2	2	4	7.0	4.0
CE402	Computational Structural Engineering	C	T	3	2	5	10.0	6.0
CE403	Building Construction Design I	C	T	3	2	5	10.0	6.0
CE404	Surveying	C	T	2	3	5	7.0	4.0
CE405	Teaching Methodology	C	P	3	0	3	8.0	5.0
CE406	Counselling Psychology & Guidance	C	P	3	0	3	8.0	5.0
	Total			**16**	**9**	**25**	**50.0**	**30.0**

5th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
CE501	Steel Structures	C	T	2	2	4	8.5	5.0
CE502	Soil Mechanics	C	T	2	3	5	10.0	6.0
CE503	Hydraulic Engineering	C	T	3	2	5	10.0	6.0
CE504	General Technology	C	T	2	2	4	8.0	4.5
CE505	Foreign Language - ESP	C	T	3	0	3	5.5	3.5
CE506	Organization, Administration & Sociology of Education	C	P	3	0	3	8.0	5.0
	Total			**15**	**9**	**24**	**50.0**	**30.0**

6th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
CE601	Reinforced Concrete I	C	T	3	2	5	10.0	6.0
CE602	Road Engineering	C	T	3	2	5	9.0	5.5
CE603	Urban Hydraulic & Land Reclamation Works	C	T	3	2	5	9.0	6.0
CE604	Structural Analysis III	C	T	2	2	4	8..0	4.5
CE605	Subject Didactics	C	P	3	0	3	8.0	5.0
CE606	Educational Technology -Multimedia	C	P	1	2	3	6.0	3.0
	Total			**15**	**10**	**25**	**50.0**	**30.0**

7th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
CE701	Reinforced Concrete II	C	T	3	2	5	10.0	6.0
CE702	Structural Dynamics	C	T	2	2	4	10.0	6.0
CE703	Marine Hydraulics & Harbour Works	C	T	3	0	3	7.0	4.0
CE704	Entrepreneurship - Innovation I & Subject Didactics	C	T	2	0	2	5.0	3.0
CE705	Foundations	C	P	3	2	5	10.0	6.0
CE706	Educational Research Methodology	C	P	3	0	3	8.0	5.0
	Total			**16**	**6**	**22**	**50.0**	**30.0**

8th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
CE801	Earthquake Resistant Structures	C	T	3	2	5	10.0	6.0
CE802	Hydrodynamic Works & Renewable Energy Systems	C	T	3	2	5	10.0	6.0
CE803	Repair & Strengthening of Structures	C	T	2	2	4	8.0	4.5
CE804	Construction Management	C	T	3	0	3	6.0	4.5
CE805	Building Construction Design II & Environment OR Masonry Structures	CE	T	2	2	4	8.0	4.5
CE806	Advanced Topics in Foundations	C	T	2	2	4	8.0	4.5
CE807	Entrepreneurship - Innovation II *	O			(2)	(2)		
	Total			**15**	**10**	**25**	**50.0**	**30.0**

**Optional, pass/fail course with no grade or ECTS involved. Mandatory prerequisite: passing grade in CE704.*

9th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
CE901	Prestressed Concrete & Advanced Topics in Concrete	C	T	3	2	5	11.0	6.5
CE902	Water Resources & Energy Management	C	T	3	2	5	11.0	6.5
CE903	Architectural Design II & Technical Legislation OR Energy Building Design & Electromechanical Facilities	CE	T	3	2	5	10.0	6.0
CE904	Pavements	C	T	3	2	5	9.0	6.0
CE905	Teaching Practice I	C	P				9.0	5.0
	Total			**12**	**8**	**20**	**50.0**	**30.0**

10th SEMESTER								
Code	COURSE TITLE	C/CE/O	T/P	Th.	Lab	Total	WL	ECTS
CE1001	Teaching Practice II	C	P				7.0	4.0
CE1002	Engineering Work Placement	C	T				10.0	6.0
CE1003	Graduation Thesis	C	T/P				33.0	20.0
	Total						**50.0**	**30.0**

Programme Requirements:

Students receive their degree when they have accumulated 300 credits (ECTS), and specifically when:

(a) they have successfully completed all Courses of the Department's Study Programme.

(b) they have successfully submitted their Graduation Project

(c) they have successfully completed a six-month Engineering Work Placement in the field

(d) they have successfully completed their Teaching Practice Sessions.

(e) they have completed 5 years of study

Upon successful completion of the Programme students will:

(a) have acquired the basic scientific, theoretical and practical knowledge in the field of Civil Engineering Educators and the related profession

(b) be able to properly apply the theoretical and practical knowledge acquired during the study period

(c) have gained the necessary competencies to proceed to their second cycle studies

8 Programmes of Training or Specialization

8.1 One-year Pedagogical Training Programme (EPPAIK)

Abbreviations used:

Th.: Theory/Hours per Week, **Lab:** Hours per Week, **PAD:** Teaching Practice, **Total:** Total No. of Hours per Week, **WL:** Workload, **ECTS:** ECTS Credits

COURSE TITLE	WL	ECTS	1st Semester	2nd Semester	Total
			Hours per Week	Hours per Week	
Pedagogy & Philosophy of Education	8	4	2Th.	----	2
Developmental Psychology	7	4	2Th.	----	2
Educational Psychology	7	4	----	2Th.	2
Organization, Administration & Sociology of Education	7	4	----	2Th.	2
Counselling Psychology & Guidance	7	4	----	2Th.	2
Teaching Methodology	7	4	2Th.	----	2
Computer Applications in Education	7	4	----	1Th+1Lab	2
Educational Research Methodology	7	4	2Th.	----	2
Educational Evaluation	7	4	2Th.	----	2
Subject Didactics	7	4	----	2Th.	2
Educational Technology -Multimedia	8	4	1Th+1Lab	-----	2
Teaching Practice (PAD)	10	8	PAD 1 (3)	PAD 2 (3)	2
Final Thesis	10	8	----	Final Thesis	6
TOTAL	**100**	**60**	**11Th.+1Lab***	**9Th.+1Lab***	**22***

** Apart from Teaching Practice Sessions.*

The Programme leads to the award of a "Certificate of Pedagogical and Teaching Competence".

Students receive the above Certificate when:

(a) they have successfully completed all Courses of the specific one-year Pedagogical Training Programme
(b) they have successfully submitted their Final Thesis
(c) they have successfully completed their Teaching Practice Sessions

8.2 One-Year Programme of Specialization in Counselling & Guidance (PESYP)

COURSE TITLE	1st Semester	2nd Semester
	Hours per Week	Hours per Week
Counselling and Counselling Psychology Theoretical Background and Applications	2hours	----
Professional Development, Decision Making & Career Counselling Theories	2hours	----
Development of Counselling Skills and New Technologies Workshop	2hours (in groups)	----
Research Methodology for Counselling & Guidance: Statistics and Research	2hours	----
Group Intervention in Personal Development - Workshop I	2hours (in groups)	----
Organizational Psychology, Human Resources Management, Labour Market	3hours	----
Introduction to Professional Evaluation and Psychometrics	----	2 hours
Group Intervention in Personal Development - Workshop II	----	2 hours
Counselling in Lifelong Development	----	3 hours
Counselling for Vulnerable Groups (Cross-Cultural Counselling, Minorities, Special Needs Groups, etc)	----	3 hours
Counselling and Family	----	2 hours
Total:	**13 hours**	**12 hours**

The programme requirements also include (a) a supervised off-campus practicum of at least 300 hours duration, and (b) the successful submission of a thesis (equivalent to 250 hours).

The Programme leads to the award of a "Certificate of Specialization in Counselling & Guidance".

Students receive the above Certificate when:

(a) they have successfully completed all Courses of the specific one-year Programme of Specialization in Counselling & Guidance
(b) they have successfully submitted their Final Thesis
(c) they have successfully completed their off-campus practicum

Part C - International Partnerships

For ASPETE, partnerships with higher education institutions worldwide not only assist in creating a distinctive educational experience for staff and students; they also allow ASPETE to adapt its mission and policies to a more competitive and globalised reality and to maintain an active presence in Europe and other parts of the world.

ASPETE has built and continues to develop strong and effective partnerships at national and international level, encompassing joint research and/or other projects, convening and conducting of conferences and symposia of international educators and other leaders in the field, joint postgraduate degrees, inter-institutional agreements for staff and student mobility in the frame of Erasmus+, and general Memoranda of Understanding (MOU) that highlight potential areas of cooperation. Implementing and sustaining these partnerships is among ASPETE's primary institutional goals.

ASPETE's international academic partnerships include:

ASIA	
CHINA	
Hunan Normal University www.hunnu.edu.cn/english	Memorandum of Understanding (MOU)
EUROPE	
AUSTRIA	
Padagogische Hochschule Kaernten http://www.ph-kaernten.ac.at/	Erasmus+ Inter-Institutional Agreement 2014-21
BELGIUM	
Hogeschool Gent www.hogent.be	Socrates/Comenius 2.1, SEE EU Tool
Catholic University of Louvain www.uclouvain.be	Research Project Mediappro
Limburg Catholic University College www.khlim.be	FP7-SCIENCE IN SOCIETY-Pathway Project
VIVES University College www.vives.be	Erasmus+ Inter-Institutional Agreement 2014-21
BULGARIA	
University of Shumen http://shu-bg.net	FP7-SCIENCE IN SOCIETY-Pathway Project
Technical University of Sofia (TUS) www.tu-sofia.bg	FP7-ENERGY-SEET Erasmus+ Inter-Institutional Agreement 2014-21
CZECH REPUBLIC	
Charles University Prague, Faculty of Education www.cuni.cz	Socrates/Comenius 2.1, TERECoP Project Erasmus+ Inter-Institutional Agreement 2014-21
University of West Bohemia www.zcu.cz	Erasmus+ Inter-Institutional Agreement 2014-21
VSB-Technical University of Ostrava www.vsb.cz	Erasmus+ Inter-Institutional Agreement 2014-21

CYPRUS	
University of Cyprus www.ucy.ac.cy	LLP/Erasmus Bilateral Agreement
Frederick University www.frederick.ac.cy	Erasmus+ Inter-Institutional Agreement 2015-21
DENMARK	
Lillebaelt Academy of Professional Higher Education www.eal.dk	Erasmus+ Inter-Institutional Agreement 2014-21
University College Lillebaelt (UCL) http://international.ucl.dk	Erasmus+ Inter-Institutional Agreement 2015-21
VIA University College www.viauc.dk	Erasmus+ Inter-Institutional Agreement 2014-16
ESTONIA	
Tallinn University of Technology (TUT) www.ttu.ee	FP7-ICT- SAFROS
University of Tartu www.ut.ee	"Conceptual Framework for Increasing Society's Commitment in ICT"/Estonia National Programme "Supporting the Development of R&D"
FINLAND	
University of Helsinki www.helsinki.fi	FP7-SCIENCE IN SOCIETY-Pathway Project
FRANCE	
École Normale Supérieure (ENS) de Cachan www.ens-cachan.fr	LLP/Erasmus Bilateral Agreement
ESPE Universitι d' Aix Marseille http://espe.univ-amu.fr	Erasmus+ Inter-Institutional Agreement 2014-21
Universitι Catholique del' Ouest (UCO) http://www.uco.fr	Accord-Cadre Erasmus+ Inter-Institutional Agreement 2014-21
FYROM	
Ss. Cyril and Methodius University, Skopje	FP7-ENERGY-SEETSOC
GERMANY	
Aachen University of Applied Sciences www.fh-aachen.de	Socrates/Comenius 2.1, SEE EU Tool
University of Bayreuth www.uni-bayreuth.de	FP7-SCIENCE IN SOCIETY-Pathway Project
Humboldt-Universitδt zu Berlin www.hu-berlin.de	FP7-SCIENCE IN SOCIETY-Pathway Project
Ludwigsburg University of Education www.ph-ludwigsburg.de	FP7-SCIENCE IN SOCIETY-Pathway Project
University of Karlsruhe (UniKarl) www.uni-karlsruhe.de	FP7-ICT- SAFROS
University of Koblenz-Landau, ZEPF www.uni-koblenz-landau.de	LLP/Comenius, School Inclusion
GREECE	
National & Kapodistrian University of Athens www.uoi.gr	Joint M.A. in Subject Didactics and New Technologies NSFR 2007-13 "Education and Lifelong Learning/Teacher Training"
National Technical University www.ntua.gr	FP7-ENERGY-SEETSOC
University of Pireus www.unipir.gr	EPEAEK, E2-Technical & Voc. Education NSFR 2007-13 "Education and Lifelong Learning/Teacher Training"
Harokopio University www.hua.gr	LLP/Comenius Multilateral Projects-TRACON

IRELAND	
Dublin City University www.dcu.ie	FP7-SCIENCE IN SOCIETY-Pathway Project
ITALY	
Universita degli Studi di Enna "Kore" www.unikore.it	Erasmus+ Inter-Institutional Agreement 2014-21
Universita Degli Studi Di Padova http://www.unipd.it	Socrates Comenius 2.1, TERECoP Project Erasmus+ Inter-Institutional Agreement 2014-21
Universita Telematica Internazionale www.uninettunouniversity.net	Erasmus+ Inter-Institutional Agreement 2014-21
Politecnico di Torino www.polito.it	LLP/Erasmus Bilateral Agreement
UCSC-Milan www.unicattolica.it	Research Project Mediappro
Universita degli Studi di Verona www.univr.it	FP7-ICT- SAFROS
Instituto di Istruzione Superiore "Don L. Milani" www.itcgdonmilani.va.it	LLP-KA1- "I Am not Scared" Project
LITHUANIA	
Kaunas University of Technology www.ktu.lt	LLP-KA1- "I Am not Scared" Project Erasmus+ Inter-Institutional Agreement 2014-21
Klaipeda State University of Applied Sciences, www.kvk.lt	Erasmus+ Inter-Institutional Agreement 2014-21
POLAND	
Czestochwa University of Technology www.pcz.pl	Erasmus+ Inter-Institutional Agreement 2014-21
Opole University of Technology www.po.opole.pl	Erasmus+ Inter-Institutional Agreement 2014-21
Vistula University www.vistula.edu.pl	Erasmus+ Inter-Institutional Agreement 2014-21
Kujawy and Promorze University in Bydgoszcz, www.kpsw.edu.pl	Memorandum of Cooperation Erasmus+ Inter-Institutional Agreement 2014-21
PWSZ in Glogow www.pwsz.glogow.pl	Memorandum of Cooperation Erasmus+ Inter-Institutional Agreement 2014-21
PWSZ in Nysa http://pwsz.nysa.pl	Erasmus+ Inter-Institutional Agreement 2014-21
PORTUGAL	
University of Algarve (UALG) www.ualg.pt	Research Project Mediappro Erasmus+ Inter-Institutional Agreement 2014-21
Instituto Politecnico de Braganŋa (IPB) www.ipb.pt	Erasmus+ Inter-Institutional Agreement 2014-21
Instituto Piaget, Lisbon www.ipiaget.org	Erasmus+ Inter-Institutional Agreement 2014-21
Instituto Universitario da Maia (ISMAI) www.ismai.pt	Erasmus+ Inter-Institutional Agreement 2014-21
ROMANIA	
Transilvania University of Brasov www.unitbv.ro	Socrates/Comenius 2.1, SEE EU Tool Erasmus+ Inter-Institutional Agreement 2014-21
Universitatea Tehnika de Constructii, Bucuresti www.utcb.ro	Erasmus+ Inter-Institutional Agreement 2014-21

University of Craiova http://www.ucv.ro/en/	Erasmus+ Inter-Institutional Agreement 2014-21
University of Pitesti www.upit.ro	Socrates/Comenius 2.1, TRECoP Project
Polytechnic University of Bucharest (UPB) www.pub.ro	FP7-ENERGY-SEETSOC
Ministry of Economy, Commerce and Business Environment, RO www.minind.ro	Memorandum of Understanding (MOU)
SERBIA	
University of Belgrade (UB) www.bg.ac.rs	FP7-ENERGY-SEETSOC
SLOVAKIA	
Slovak University of Technology in Bratislava www.stuba.sk	Erasmus+ Inter-Institutional Agreement 2015-21
SPAIN	
Universitat de Barcelona www.ub.edu	FP7-SCIENCE IN SOCIETY-Pathway Project
Universidad de Jaen www.ujaen.es	Erasmus+ Inter-Institutional Agreement 2014-21
Public University of Navarra www.unavarra.es	Socrates/Comenius 2.1, TRECoP Project
Universidad de Sevilla www.us.es	LLP-KA1- "I Am not Scared" Project
Universidad Zaragoza http://www.unizar.es	Erasmus+ Inter-Institutional Agreement 2014-21
Universidad Politıcnica de Valencia www.upv.es	Erasmus+ Inter-Institutional Agreement 2014-21
SWITZERLAND	
École Polytechnique Fédérale de Lausanne www.epfl.ch	FP7-ICT- SAFROS
THE NETHERLANDS	
Delft University of Technology www.tudelft.nl	Socrates/Comenius 2.1, SEE EU Tool
Technische Universiteit Eindhoven www.tue.nl	LLP/Erasmus Bilateral Agreement
TURKEY	
Karabuk University www.karabuk.edu.tr	Erasmus+ Inter-Institutional Agreement 2014-21
Maltepe University www.maltepe.edu.tr	Erasmus+ Inter-Institutional Agreement 2014-21
Yildiz University www.eu.yildiz.edu.tr	Erasmus+ Inter-Institutional Agreement 2014-21
UNITED KINGDOM	
Birkbeck University of London www.bbk.ac.uk	LLP/Erasmus Bilateral Agreement
Middlesex University London www.mdx.ac.uk	Erasmus+ Inter-Institutional Agreement 2015-17
University of Cambridge www.cam.ac.uk	FP7-SCIENCE IN SOCIETY-Pathway Project
City University, London www.city.ac.uk	FP7-ENERGY-SEETSOC
Roehampton University, London www.roehampton.ac.uk	Joint M.A. in Education/Education Sciences
University of Sheffield www.shef.ac.uk	FP7-SCIENCE IN SOCIETY-Pathway Project

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Part E – Useful Links

Greek Ministry of Education, Research and Religious Affairs
www.minedu.gov.gr

IKY/Erasmus+ Greek National Agency
www.iky.gr

ASPETE/Erasmus+
http://erasmus.aspete.gr/index.php/en/home.html

European Commission – Education & Training
http://ec.europa.eu

European Commission - EACEA
http://eacea.ec.europa.eu/

European Higher Education Area (EHEA)
http://ehea.info/

ECTS- European Credit Transfer System
http://ec.europa.eu/education/ects/ects_en.htm

Esn-Exchange Erasmus Student Network
http://www.esn.org

ASPETE
www.aspete.gr