



UNIVERSITA' DEGLI STUDI DI PALERMO

SCUOLA POLITECNICA

CONSIGLIO INTERCLASSE DEL CORSO DI STUDI IN INGEGNERIA MECCANICA

Viale delle Scienze, Ed. 8 - 90128 Palermo

VERBALE DELLA SEDUTA DEL CONSIGLIO DEL 07 Luglio 2017

Il Consiglio di Corso di Studi in Ingegneria Meccanica è convocato il giorno di **07 Luglio 2017 alle ore 12.00** presso l'Aula Rubino del Dipartimento di Ingegneria Chimica, Gestionale, Informatica, Meccanica, con il seguente ordine del giorno:

1. Comunicazioni;
2. Approvazione verbali sedute precedenti
3. Orario delle lezioni a.a.2017-18;
4. Pratiche studenti;
5. Varie ed eventuali.

Sono presenti:

i Proff.: C. Aricò, G. Buffa, M. Cammalleri, D. Cerniglia, L. D'Acquisto, M. Di Paola, C. Dispensa (fino alle 13.30), C. Grillo, G. Ingarao, T. Ingrassia, G. La Scalia, A. Mancuso, G. Marannano, A. Masnata, A. Milazzo, V. Nigrelli, D. Panno, A. Pantano, G. Petrucci, E. Pipitone (dalle 12.30), G. Pitarresi, F. Sorge, F. Zuccarello.

Sono assenti giustificati i proff.:, A. Barcellona, M.L. Di Silvestre, V. La Rocca.

Sono presenti i rappresentanti degli studenti: Sigg.ri P. Caruso, M. Campagna, A. Evola, G. Li Calsi, A. Tudisco

-----OMISSIS-----

4. Pratiche Studenti

4.1 Tirocini (art.10, lettera f, DM 509/99) – Valutazione e accreditamento – ratifica decreto

Il Presidente, prof. L. D'Acquisto illustra al Consiglio la necessità di ratificare la seguente convalida di tirocinio:

1) decreto prot 655/17 convalida tirocinio **esterno** dello studente **MALIZIA SIMONE** matr 0648181 laureando sessione Luglio 2017

Il consiglio all'unanimità approva.

4.2 Tirocini (art.10, lettera f, DM 509/99) – Valutazione e accreditamento.

Verbale del CICS Ingegneria Meccanica del 07 Luglio 2017

Il Presidente, prof. L. D'Acquisto illustra al Consiglio la richiesta di convalida di tirocinio già effettuato pervenuta dallo studente:

- **MELFA ALESSANDRO**, matr. N. 0647831 del corso di Laurea in Ingegneria Meccanica, (LM) che presenta la relazione finale del Tirocinio svolto presso MAGNETI MARELLI SPA – BOLOGNA - tutor universitario dott. G. Marannano, per un totale di 600 ore

Il Consiglio prende atto della documentazione presentata dallo studente MELFA ALESSANDRO ne valuta positivamente l'attività e **all'unanimità e seduta stante convalida 24 CFU per il Tirocinio svolto. Tirocinio esterno**

4.3 Richieste attribuzione CFU per seminari, workshops etc. ratifica e accreditamento

Il Presidente, prof. L. D'Acquisto illustra al Consiglio la necessità di ratificare la seguente convalida di attività per **Tirocini (art.10, lettera f, DM 509/99)** -

1) decreto prot 656/17 convalida attività seminari dello studente **RIGGIO ANTONINO** matr 0627861 laureando sessione Luglio 2017

Il consiglio all'unanimità approva.

Il Coordinatore Prof. L. D'Acquisto, comunica al Consiglio che sono pervenute le seguenti richieste di assegnazione CFU per attività di tirocinio svolte da:

1. **Giovanni Asaro, matr. 653841;**
2. **Sarah Di Fonzo, matr. 655252;**
3. **Giulio Michele, matr. 628183;**
4. **Gabriele Spoto, matr. 656464**
5. **Andrea Evola, matr. 614895**

Per l'evento "L'Ingegnere del Terzo Millennio". Viene richiesto 1CFU per ciascun studente.

Il Consiglio

VISTE le richieste

VISTA la documentazione presentata

Convalida ai suddetti studenti 1 CFU ciascuno

Il Coordinatore Prof. L. D'Acquisto, comunica al Consiglio che è pervenuta la seguente richiesta di assegnazione CFU per attività di tirocinio svolte da **Andrea Evola, matr. 614895**

Le attività di stage e seminari svolte e i relativi CFU richiesti per i tre studenti son riassunti nella tabella seguente:

Attività	CFU
Il trasferimento tecnologico tra industria aeronautica, automobilista e motociclistica	0.5

Progetto, impatto urbano e riqualificazione di un impianto di depurazione	1
No Smog Mobility	0.5

Il Consiglio

VISTE le richieste

VISTA la documentazione presentata

Convalida al suddetto studente 2 CFU per: “Attività formative ex art 10” “Stage, tirocinio, altro”.

4.4 Ratifica assegnazione Tirocini 24 CFU Laurea Magistrale Tirocini (art.10, lettera f, DM 509/99) -

Il Presidente informa il Consiglio delle richieste di Tirocinio da 24 CFU pervenute e da ratificare:

- lo studente **AGNELLO SALVATORE** matr. **0632424** iscritto al corso di Laurea Magistrale in Ingegneria Meccanica, chiede di svolgere il tirocinio presso IL Comune Di Monreale (PA) area di inserimento- Protezione civile area I. per un periodo di 3 mesi 12 CFU tutor Universitario Prof G. Virzì Mariotti

- lo studente **PALMERI DI VILLABA STEFANO** matr. **0636870** iscritto al corso di Laurea Magistrale in Ingegneria Meccanica chiede di svolgere il tirocinio presso l’Azienda Lo Castro SpA – Palermo- area di inserimento – progettazione, uff tecnico per un periodo di 4 mesi, 24 CFU tutor Universitario Prof A. Mancuso

Il Consiglio approva ad unanimità.

4.5 Modifica piano di studi

Lo studente **GRECO DIEGO** matr 0631862 iscritto al CdS in ingegneria Meccanica LT chiede la seguente modifica di piano di studi per l’ a.a 2016/17:

MATERIA DA INSERIRE IN SOPRANNUMERO	cod	cfu
Attività di laboratorio formula SAE	14509	3 CFU

Il Consiglio

Vista la domanda

Considerato il piano di studio del richiedente

Vista l’attinenza ai piani di studio

Accoglie ad unanimità la richiesta per l’a.a 2016 -2017

4.6 Domande di assegnazione Tesi

Il Prof. D’Acquisto dà lettura delle domande d’approvazione degli Elaborati brevi e tesi sperimentali di Laurea presentati da studenti del Corso di Studi in Ingegneria Meccanica:

Nome	Matr.		Titolo	Relatore/i	Sessione
Barresi Silvia	0628826	LT	<i>Espansori per cicli ORC</i>	E Pipitone	Ottobre 2017
Di Noto Davide	0600929	LT	<i>Metodi di progettazione e rappresentazione nell’industria 4.0</i>	V. Nigrelli T. Ingrassia	Ottobre 2017

Evola Andrea	0614895	LT	<i>Stampa 3D di provini per prove di viscoelasticità e verifica sperimentale</i>	M. Di Paola	Ottobre 2017
Graziano Michele	0613606	LT	<i>La tecnologia stealth</i>	C. Grillo	Ottobre 2017
Li Calsi Giovanni	0627737	LT	<i>Analisi di una protesi transtibiale per attività sportiva agonistica</i>	D. Cerniglia	Ottobre 2017
Manfredi Tornabene	0628670	LT	<i>Hybrid Synergy drive Toyota: analisi del funzionamento</i>	M. Cammalleri	Ottobre 2017
Michele Giulio	0628183	LT	<i>Danni all'addome nell'impatto pedone veicolo</i>	G. Virzì Mariotti	Ottobre 2017
Ortoleva Luca	0615059	LT	<i>Progettazione di scaffold per la realizzazione di tecniche additive manufacturing</i>	V. Nigrelli T. Ingrassia	Ottobre 2017
Traina Marco Girolamo	0628382	LT	<i>Development and investigations of 3D printed agglomeraton chambers for CO2 snow blasting</i>	L.Fratini	Ottobre 2017
Avarello Bruno	0623793	LM	<i>Analisi della deformazione di materiali compositi tessuti mediante la tecnica di digital image correlation</i>	G. Pitarresi	Ottobre 2017
Carini salvatore	0646633	LM	<i>Impianti tecnologici per un nuovo bacino di carenaggio galleggiante</i>	L. Cannizzaro	Ottobre 2017
De Nicola Andrea	0647728	LM	<i>Valvole aortiche e bicuspidi: elettrospinning, analisi fluidodinamica con duplicatore di flusso e analisi deformativa</i>	P. Livreri	Ottobre 2017
Di Carlo Valentina	0646768	LM	<i>Studio di fattibilità di un bacino di carenaggio per navi di notevole stazza</i>	L. Cannizzaro	Ottobre 2017
Gulizzi Francesco	0648076	LM	<i>Sviluppo di un apparato per elettrospinning mandre-less per la fabbricazione di suture chirurgiche</i>	P.Livreri	Ottobre 2017
Indemburgo Marco	0635653	LM	<i>Efficienza di una turbina eolica ad asse verticale: influenza dei parametri geometrici del rotore</i>	C. Aricò	Ottobre 2017
Laudicina Sergio	0648951	LM	<i>Tecniche di monitoraggio di attività motorie indoor mediante uso di accelerometro MEMS</i>	L. D'Acquisto	Ottobre 2017
Maneschi Mainaldo	0648257	LM	<i>Caratterizzazione sperimentale curug di fabbricazione per elettrospinning per riprodurre struttura e funzione di tessuto cardiovascolare</i>	P.Livreri	Ottobre 2017
Picone Calogero	0635668	LM	<i>Ottimizzazione di una turbina eolica ad asse verticale (vawt)</i>	C. Aricò	Ottobre 2017
Triolo Antonino	0649802	LM	<i>Studio della legge di rilascio del calore in un motore double fuel HCCI</i>	E. Pipitone	Ottobre 2017

Il Consiglio approva, all'unanimità e seduta stante.

4.7 Pratiche Erasmus e ratifica decreto

Il Presidente informa il Consiglio che è necessario ratificare il seguente decreto di convalida materie Erasmus :

decreto 654/17 **Castania Giovanni matr 0564523** laureando sessione Luglio 2017 – Erasmus a Zaragoza (E)

Il Consiglio ad unanimità approva.

Verbale del CICS Ingegneria Meccanica del 07 Luglio 2017

È pervenuto il transcript of records relativo al periodo Erasmus per due studenti del presente CdL.

La Dott.ssa Cerniglia, responsabile Erasmus, in virtù delle tabelle di conversione approvate da questo consiglio, propone di approvare il riconoscimento delle materie sostenute all'estero come di seguito specificato:

Allievo **Giuseppe Lo Grasso, matr. 0631795**

Module name	CFU	Grade	Materia riconosciuta	CFU	Voto
Metal forming and numerical modelling	4	A	Tecnologia Meccanica (07324)	9	29
Casting Technology	4	A			
Modern welding and joining technology	5	B			
Welding Metallurgy	4	A	Tecnologia generale dei materiali (07353)	6	30
Materials Engineering	5	A			
Electrical machines	5	C	Elettrotecnica (02965)	9	28
Circuit Theory	5	A			

Allievo **Alessio Romeo, matr. 0627935**

Module name	CFU	Grade	Materia riconosciuta	CFU	Voto
Metal forming and numerical modelling	4	A	Tecnologia Meccanica (07324)	9	30
Casting Technology	4	A			
Modern welding and joining technology	5	A			
Heat Treating of metals and alloys	5	A	Tecnologia generale dei materiali (07353)	6	30
Materials Engineering	5	A			
Fundamentals of Physics	4	A	Fisica I (15540)	9	30
General Mechanics II	5	A			

Il Prof. Nigrelli propone di approvare il learning agreement dello studente **LAURINO Giuseppe**, che, in qualità di Erasmus plus student, si recherà presso la Escuela Politecnica De Ingenieria de Gijon dell'Università di Oviedo, per seguire le materie:

Verbale del CICS Ingegneria Meccanica del 07 Luglio 2017

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
GIMECA01-4-004	Mantenimiento de Máquinas	autumn	6
GIMECA01-4-017	Ingeniería de Calidad	spring	6
GIMECA01-4-012	Diseño de Sistemas Mecánicos	autumn	6
GIMECA01-4-009	Refrigeración y Climatización	autumn	6
GIMECA01-4-003	Ingeniería de Vehículos	spring	6
			Total: 30

in sostituzione delle seguenti:

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
10978	Controllo di qualità e manutenzione	autumn	12
12319	GRUPPO DI ATTIV. FORM. OPZIONALI II:17603-PROGETTAZIONE INDUSTRIALE E TECNICHE CAD	autumn	6
12338	12338 - GRUPPO ATTIV.FORM. A SCELTA DELLO STUDENTE:-07177 - TECNICA DEL FREDDO	spring	6
12338	12338 - GRUPPO ATTIV.FORM. A SCELTA DELLO STUDENTE	autumn	6
			Total: 30

Il consiglio, anche in considerazione del precedente LA approvato allo studente Francavilla Stefano, riconosce la corrispondenza tra i gruppi di materie suddetti ed approva, all'unanimità e seduta stante, il learning agreement.

Il Prof. Nigrelli espone la situazione dello studente Erasmus **CONDIPODERO Antonio** che ha presentato un transcript of records (ToR) con modifiche, rispetto all'originario Learning Agreement. Il LA originario prevedeva che Condipodero seguisse ad IASI le materie sottoelencate:

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
	<i>Numerical Calculus in Engineering Finite Element Method</i>	<i>Autumn</i>	3
	<i>Advanced FE Analysis [1]</i>	<i>Autumn</i>	5
	<i>Steam Generators</i>	<i>Autumn</i>	4/8
	<i>Turbines and Steam Boilers Designing and Computation</i>	<i>Spring</i>	2/4
<i>MCMPA.DI.DS.101</i>	<i>Fundamental of Automobile Design and Manufacture [2]</i>	<i>Autumn</i>	6
<i>MCMPA.DI.DA.102</i>	<i>Design of Modern Structures and Bodyworks [2]</i>	<i>Autumn</i>	6
			Total: 26

in sostituzione delle seguenti:

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
<i>06435</i>	<i>Simulazione Numerica per l'Ingegneria Meccanica</i>	<i>Spring</i>	9
<i>07545</i>	<i>Termotecnica</i>	<i>Autumn</i>	6
<i>12338</i>	<i>Gruppo attività formative a scelta dello studente</i>		12
			Total: 27

I cambi effettuati dallo studente durante il periodo di mobilità, senza la preventiva autorizzazione, sono riportati di seguito:

Table D: Exceptional changes to set of components to be replaced at the sending institution

Component code (if any) at the receiving institution	Component title (as indicated in the course catalogue) at the receiving institution	Deleted component [tick if applicable]	Added component [tick if applicable]	Reason for change	Number of ECTS credits to be awarded by the receiving institution upon successful completion of the component
MDET.DO.DA.206-1	Elemente avansate de analiză cu elemente finite	<input type="checkbox"/>	<input checked="" type="checkbox"/>		6
SET.401.DI.DS	Masini frigorifice	<input type="checkbox"/>	<input checked="" type="checkbox"/>		7
SET.402.DI.DS	Steam Generators	<input checked="" type="checkbox"/>	<input type="checkbox"/>		8

SET.405.DI.DS	Turbines and Steam Boilers Designing and Manufacture	<input checked="" type="checkbox"/>	<input type="checkbox"/>		4
MCMPA.DI.DS.102	Design of Modern Structures and Bodyworks	<input checked="" type="checkbox"/>	<input type="checkbox"/>		6
Total:					

e possono riassumersi in:

- Eliminazione di Design of Modern Structures and Bodyworks e delle due seguenti materie: Steam Generators, Turbines and Steam Boilers Designing and Manufacture, corrispondenti a Termotecnica
- aggiunta della materia Masini Frigorifice (Refrigeration Machines), ritenuta dal prof. Panno corrispondente a Tecnica del Freddo;
- cambio di una delle due materie a scelta.

Si rende necessario:

- riconoscere in sanatoria i cambi;
- effettuare la conversione dei voti riportati sul ToR.

Il prof. Nigrelli propone di approvare:

- in sanatoria le modifiche al LA;

Verbale del CICS Ingegneria Meccanica del 07 Luglio 2017

- il conseguente Transcript of Records con la conversione in trentesimi delle votazioni riportate dallo studente **ad IASI**, in conformità a quanto segue:



"GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IASI, ROMANIA
Office for International Relations

67 Prof.dr.doc. D. Mangeron Street, 700050 – IASI, ROMANIA

Tel./Fax + 40 232 278 628
E-mail: international@tuiasi.ro



2016/17

Transcript of Records

Academic year: 2016/2017

NAME OF SENDING INSTITUTION

Universita degli studi di Palermo, Italy

Name of Student: **Antonio Condipodero**

(sex): M

NAME OF RECEIVING INSTITUTION

UNIVERSITY: "GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IASI (RO IASI05)
FACULTY OF MECHANICAL ENGINEERING

Coordinator: Lecturer. Prof.Lidia Gaiginschi

Tel +40 232 278683 E-mail: lidiagaiginschi@yahoo.com

No.	Course title	Name of the professor	Date	Credits	Mark (RO)
1.	Maşini Frigorifice Refrigeration	Prodan Mihai Marius	2017	7	10
2.	Advanced Structural Analysis with FE	Roşca Octavian Victor	2017	5	10
3.	BCPA	Talif Sorinel Gicu	2017	6	10
4.	Numerical Calculus in Engineering- Finite Element method	Aignatoaie Emil	2017	3	10
5.	Advanced FEA	Aignatoaie Emil	2017	6	10
				27	ECTS

Professor Dan CAŞCAVAL, Ph.D

RECTOR



STUDENTE	Univ.osp.	Insegnamenti superati	Voto ECTS	Insegnamenti corrispondenti		CFU
Condipodero Antonio	IASI	Numerical calculus in Engineering-Finite Element Method	A	Simulazione numerica per l'ingegneria	30	9
		Advanced Structural Analysis with FE (Advanced FE Analysis)	A			
		Masini Frigorifere Refrigeration	A	Tecnica del Freddo	30	6
		BCPA	A	Materia a scelta	30	6
		Advanced FEA	A	Materia a scelta	30	6

Il consiglio approva, all'unanimità e seduta stante.

Il prof. Nigrelli propone di approvare:

- il Learning Agreement, il Transcript of Records con la conversione in trentesimi delle votazioni riportate nell'ambito della **Visiting Student Mobility** dallo studente **CIRINO Mirko Salvatore ad IASI**, in conformità a quanto segue:



UNIVERSITÀ
DEGLI STUDI
DI PALERMO

Higher Education
Learning Agreement form
Student's name

VISITING STUDENT MOBILITY LEARNING AGREEMENT FOR STUDIES

The Student

Last name (s)	Cirino	First name (s)	Mirko Salvatore
Date of birth	10-01-1995	Nationality	Italy
Sex [M/F]	M	Academic year	2016/2017
Study cycle	1	Subject area, Code	
Phone	3922017193	E-mail	mscirino@hotmail.it

The Sending Institution

Name	Università degli Studi di Palermo		
School	Politecnica	Department	DICGIM
Address	Viale delle scienze Edificio 8	Country, Country code	Italy
Contact person name	Sonia Valentino	Contact person e-mail / phone	<u>Sonia.valentino@unipa.com</u> +39 09123892307

The Receiving Institution

Name	Universitatea Tehnica "Gheorghe Asachi"		
Faculty	Mechanical Engineering	Department	Mechanical Engineering
Address		Country, Country code	Romania, 70050
Contact person name	Prof. Paul Barsanescu	Contact person e-mail / phone	Paulbarsanescu@ yahoo.com



Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year] till [month/year]

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
	<i>Theoretical Mechanics I</i>	<i>Spring</i>	6
	<i>Theoretical Mechanics II</i>	<i>Spring</i>	3
	<i>Turbomachine</i>	<i>Spring</i>	6
	<i>Gas and steam turbines</i>	<i>Spring</i>	7
	<i>Fluids mechanics and hydraulics machines</i>	<i>Spring</i>	3
	<i>Thermotechnica</i>	<i>Spring</i>	9
	<i>Physics I</i>	<i>Spring</i>	3
	<i>Physics II</i>	<i>Spring</i>	3
			Total: 40

Web link to the course catalogue at the receiving institution describing the learning outcomes:

[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad
NB no one to one match with Table A is required.

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
15540	<i>Fisica I</i>		9
04798	<i>Macchine</i>		9
03318	<i>Fisica tecnica</i>		12
07870	<i>Fisica II</i>		6
			Total: 36



"GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IASI, ROMANIA
Office for International Relations – Erasmus+

67 Prof.dr.doc. D. Mangeron Street, 700050 – IASI, ROMANIA

Tel./Fax + 40 232 278 628
E-mail: international@tuiasi.ro



Transcript of Records

Academic year: 2016/2017

NAME OF SENDING INSTITUTION

Universita degli studi di Palermo, Italy

Name of Student: **Mirko Salvatore Cirino**

(sex): M

NAME OF RECEIVING INSTITUTION

UNIVERSITY: "GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IASI (RO IASI05)
FACULTY OF MECHANICAL ENGINEERING

Coordinator: Lecturer. prof. Lidia Gaiginschi, PhD

Tel +40 232 278683 E-mail: lidiagaiginschi@yahoo.com

No.	Course title	Name of the professor	Date	Credits	Mark (RO)
1.	Physics 1	Maricel Agop	2017	3	10
2.	Physics 2	Maricel Agop	2017	3	10
3.	Thermotechnica (Engineering Thermodynamics and Thermal Systems 1+2)	Aristotel Popescu	2017	9	10
4.	Steam & Gas Turbines	Bogdan Horbaniuc	2017	7	10
5.	Turbomachinery	Vlad Mario Homutescu	2017	6	10
6.	Fluid Mechanics and Hydraulics Machines	Dan Scurtu	2017	3	10
7.	Theoretical Mechanics 1	Radu Ibănescu	2017	6	10
8.	Theoretical Mechanics 2	Radu Ibănescu	2017	3	10
				40	
				ECTS	

Professor Dan CAȘCAVAL, Ph.D

RECTOR



Stamp of Institution

STUDENTE VISITING	Univ.osp.	Insegnamenti superati	Voto ECTS	Insegnamenti corrispondenti		CFU
CIRINO Mirko Salvatore	IASI	Physics 1	A	Fisica II	30	6
		Physics 2	A			
		Turbomachines	A	Macchine	30	9
		Steam and Gas Turbines	A			
		Fluid Mechanics and Hydraulic Machines	A			
		Theoretical Mechanics I	A	Fisica I	30	9
		Theoretical Mechanics II	A			
		Thermotechnica	A	Fisica Tecnica	30	9

Il consiglio approva, all'unanimità e seduta stante.

Il prof. Nigrelli propone di approvare:

- il Learning Agreement, i cambi effettuati durante la mobilità ed il conseguente Transcrip of Records con la conversione in trentesimi dei voti riportati nell'ambito del Programma Erasmus dallo studente **CARUSO Giuseppe ad IASI**. Il tutto in conformità a quanto segue:



Erasmus+



UNIVERSITÀ
DEGLI STUDI
DI PALERMO

Higher Education
Learning Agreement form

Student Name*: Giuseppe Caruso _____

*mandatory field

Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year] 09/16 till [month/year] 03/17

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
	Trasmission and distribution of electric energy	autumn	4
	Electrotechis and electric machines	autumn	4
	Turbomachine	autumn	6
	Gas and steam turbines	autumn	7
	Fluids mechanics and hydraulics machines	autumn	3
	Technology of material	autumn	4
	Machine Manufacturing tecnology	autumn	6
	Machine tools and cutting manufacturing	autumn	5

Total:39

Web link to the course catalogue at the receiving institution describing the learning outcomes:

[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad NB no one to one match with Table A is required.

Component (if any)	code	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
	1	Elettrotecnica	autumn	9
	2	Macchine	autumn	9



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Higher Education
Learning Agreement form

(3)	Tecnologia Meccanica		9
			Total: 27

If the student does not complete successfully some educational components, the following provisions will apply:

[Please, specify or provide a web link to the relevant information.]

Language competence of the student

The level of language competence in [the main language of instruction] that the student already has or agrees to acquire by the start of the study period is:

A1 A2 B1 B2 C1 C2

V. Rossi

V. Allegretti per favore favorevole D. Fede



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Learning Agreement form

Section to be completed DURING THE MOBILITY

CHANGES TO THE ORIGINAL LEARNING AGREEMENT

The Student

Last name (s)	Caruso	First name (s)	Giuseppe
Corso di Studio	Ing. Meccanica	Classe di Laurea	2055
Numero di matricola	0627491		

I. EXCEPTIONAL CHANGES TO THE PROPOSED MOBILITY PROGRAMME

Table C: Exceptional changes to study programme abroad or additional components in case of extension of stay abroad

Component code (if any) at the receiving institution	Component title (as indicated in the course catalogue) at the receiving institution	Deleted component [tick if applicable]	Added component [tick if applicable]	Reason for change	Number of ECTS credits to be awarded by the receiving institution upon successful completion of the component
	Strength of material 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2/14	8
	Strength of material 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>		5
	Tecnology of material	<input checked="" type="checkbox"/>	<input type="checkbox"/>		4
	Machine manufacturing technology	<input checked="" type="checkbox"/>	<input type="checkbox"/>		6
	Machine tools and cutting manufacturing	<input checked="" type="checkbox"/>	<input type="checkbox"/>		5
Total:					

Table D: Exceptional changes to set of components to be replaced at the sending institution



Component code (if any) at the receiving institution	Component title (as indicated in the course catalogue) at the receiving institution	Deleted component <i>[tick if applicable]</i>	Added component <i>[tick if applicable]</i>	Reason for change	Number of ECTS credits to be awarded by the receiving institution upon successful completion of the component
	Scienza delle costruzioni	<input type="checkbox"/>	<input checked="" type="checkbox"/>	h	9
	Tecnologia Meccanica	<input checked="" type="checkbox"/>	<input type="checkbox"/>		9
					Total: 18

The student, the sending and the receiving institutions confirm that they approve the proposed amendments to the mobility programme.



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DI PALERMO

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Student Name* : Caruso Giuseppe

*mandatory field

Approval by e-mail or signature of the student and of the sending and receiving institution responsible persons.

RESPONSIBLE PERSONS

Departmental Coordinator of the Interinstitutional Agreement

Name: *Vincenzo NIGRELLI*

E-mail: *vincenzo.nigrelli@unipa.it* Signature: *[Signature]*

The student Caruso Giuseppe

Student's signature *Giuseppe Caruso*

Date: 26/10/2016

The sending institution

Responsible person's signature *[Signature]*

Date: 23/03/2017

prof. LIDIA GAIGINSCHE, PH.D

The receiving institution

Responsible person's signature *[Signature]*

Date: 19.12.2016

*prof. Sabina SĂRULEANU
Erasmus Institutional Coordinator*

II. CHANGES IN THE RESPONSIBLE PERSON(S), if any:

New responsible person in the sending institution:

Name:

Phone number:

Function: Course of Study Coordinator

E-mail:

New responsible person in the receiving institution:

Name:

Phone number:

Function:

E-mail:

Univesitatea Tehnică "Gheorghe Asachi" din Iași
Curs de Studii Internaționale
19. DEC. 2016
Certificat în privința realității,
regularității și legalității
Prof. Sabina SĂRULEANU

Ricevuto
07/06/2017



"GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IASI, ROMANIA
Office for International Relations – Erasmus+

67 Prof.dr.doc. D. Mangeron Street, 700050 – IASI, ROMANIA

Tel./Fax + 40 232 278 628
E-mail: international@tuiasi.ro



2016/17

Transcript of Records

Academic year: 2016/2017

NAME OF SENDING INSTITUTION

Universita degli studi di Palermo, Italy

Name of Student: **Giuseppe Caruso**

(sex): M

NAME OF RECEIVING INSTITUTION

UNIVERSITY: "GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IASI (RO IASI05)
FACULTY OF MECHANICAL ENGINEERING

Coordinator: Lecturer. prof. Lidia Gaiginschi, PhD

Tel +40 232 278683 E-mail: lidiaaiginschi@yahoo.com

No.	Course title	Name of the professor	Date	Credits	Mark (RO)
1.	Strength of Materials 1	Paul Barsanescu	2017	8	9 B
2.	Strength of Materials 2	Paul Barsanescu	2017	5	9 B
3.	Turbomachines	Vlad Mario Homutescu	2017	6	9 B
4.	Steam and Gas Turbines	Bogdan Horbaniuc	2017	7	9 B
5.	Electrotechnics and Electrical Machines	Cojocaru Filipciuc Carmen	2017	4	9 B
6.	Transmission and Distribution of Electric Energy	Neagu Bogdan Ctin	2017	4	9 B
7.	Fluid mechanics and hydraulic machines	Dan Scurtu	2017	3	7 B
				37	
				ECTS	

28

29

STUDENTE ERASMUS	Univ.osp.	Insegnamenti superati	Voto ECTS	Insegnamenti corrispondenti		CFU
CARUSO Giuseppe	IASI	Strength of Materials I	B	Scienza delle Costruzioni	28	9
		Strength of Materials II	B			
		Turbomachines	B	Macchine	27	9
		Steam and Gas Turbines	B			
		Fluid Mechanics and Hydraulic Machines	D			
		Electrotechnics and Electrical Machines	B	Elettrotecnica	28	9
		Transmission and distribution of electric energy	B			

Il consiglio approva, all'unanimità e seduta stante.

Relativamente all'a.a. 2017/2018, il prof. Nigrelli propone di approvare i learning agreement degli studenti Erasmus:

- **MAGLIO Mario e**
- **LO GRASSO Giuseppe**

Verbale del CICS Ingegneria Meccanica del 07 Luglio 2017

che si recheranno ad **IASI**



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Learning Agreement form

LEARNING AGREEMENT FOR STUDIES

The Student

Last name (s)	MAGLIO	First name (s)	MARIO
Date of birth	21/07/1994	Nationality	ITALIAN
Sex [M/F]	M	Academic year	2017/2018
Study cycle	1	Subject area, Code	Mechanics and Metal Work, 521
Phone	+39 3291793751	E-mail	mario.maglio@ community.unipa.it
Corso di Studio	Ing. Meccanica	Classe di Laurea	L-9, 2097
Numero di matricola	0634365		

The Sending Institution

Name	Università degli Studi Palermo	School	Politecnica
Erasmus code (if applicable)	I PALERMO01	Department	DICGIM
Address	Viale delle Scienze, Edificio 8, Palermo	Country, Country code	Italy
Contact person name	Sonia Valentino	Contact person e-mail / phone	<u>Sonia.valentino@unipa.it</u> +39 09123892307

The Receiving Institution

Name	Universitatea Tehnica "Gheorghe Asachi"	Faculty	Mechanical Engineering
Erasmus code (if applicable)	RO IASI 05	Department	
Address		Country, Country code	Romania, 70050



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DEGLI STUDI
DI PALERMO

Higher Education
Learning Agreement form

Student Name*: Mario Maglio _____

*mandatory field

Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year] 09/2017..... till [month/year] 03/2018.....

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
	Theoretical Mechanics 1	Autumn	6
	Theoretical Mechanics 2	Autumn	3
	Physics 1	Autumn	3
	Physics 2	Autumn	3
	Transmission and distribution of electric energy	Autumn	4
	Electrotechnic and Electric Machines	Autumn	4
	Turbomachine	Autumn	6
	Gas and steam Turbines	Autumn	7
	Fluids mechanics and hydraulics machines	Autumn	3
			Total: 39.....

Web link to the course catalogue at the receiving institution describing the learning outcomes:

[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad NB no one to one match with Table A is required.

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring]	Number of ECTS credits



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		[or term]	
	Fisica 1		9
	Fisica 2		6
	Elettrotecnica		9
	Macchine		9
			Total: 33.....

If the student does not complete successfully some educational components, the following provisions will apply:

[Please, specify or provide a web link to the relevant information.]

Language competence of the student

The level of language competence in [the main language of instruction] that the student already has or agrees to acquire by the start of the study period is:

A1 A2 B1 B2 C1 C2



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LEARNING AGREEMENT FOR STUDIES

The Student

Last name (s)	Lo Grasso	First name (s)	Giuseppe
Date of birth	13/10/1995	Nationality	Italian
Sex [M/F]	M	Academic year	2017/2018
Study cycle	1	Subject area, Code	Mechanics and Metal Work, 521
Phone	+39 3287669230	E-mail	giuseppe.lograsso@ community.unipa.it
Corso di Studio	Ing. Mec. Triennale	Classe di Laurea	L9 2055
Numero di matricola	0631795		

The Sending Institution

Name	Università degli Studi Palermo	School	Politecnica
Erasmus code (if applicable)	I PALERMO01	Department	DICGIM
Address	Viale delle scienze, Ed 8, 90128, Palermo	Country, Country code	Italy
Contact person name	Sonia Valentino	Contact person e-mail / phone	<u>Sonia.valentino@unipa.it</u> +39 09123892307

The Receiving Institution

Name	Universitatea Tehnica "George Asachi"	Faculty	Mechanical Engineering
Erasmus code (if applicable)	RO IASI 05	Department	
Address		Country, Country code	Romania, 70050
Contact person name	Prof. Paul Barsanescu	Contact person e-mail / phone	paulbarsanescu@yahoo.com



Student Name*: Giuseppe Lo Grasso _____

*mandatory field

Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year] 09/17 till [month/year] 03/18

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
IM.411.DO.DS-1	Turbomachine	autumn	6
SET.403.DI.DS	Gas and steam turbines	Autumn	7
MTC.302. DI. DID	Fluid Mechanics and Hydraulic Machines	Autumn	3
MTC.202. DI. DID	Strenght of material 1	Autumn	8
MTC.207. DI. DID	Strenght of material 2	Autumn	5
	Theoretical Mechanics 1	Autumn	6
	Theoretical Mechanics 2	Autumn	3
	HYDRAULIC 1	Autumn	5
		Autumn	
		Autumn	
			Total: 43

Web link to the course catalogue at the receiving institution describing the learning outcomes:

[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad NB no one to one match with Table A is required.



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Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
15540	Fisica 1	autumn	9 ECTS/ 9 CFU
04798	Macchine	autumn	16 ECTS/ 9 CFU
06313	Scienza delle Costruzioni	autumn	13 ECTS/ 9 CFU
03979	IDRAULICA (A SCELTA)	AUTUMN	6 CFU
			Total: 38 33

If the student does not complete successfully some educational components, the following provisions will apply:

[Please, specify or provide a web link to the relevant information.]

Language competence of the student

The level of language competence in [the main language of instruction] that the student already has or agrees to acquire by the start of the study period is:

A1 A2 B1 B2 C1 C2

Il consiglio approva, all'unanimità e seduta stante.

Sempre, relativamente all'a.a. 2017/2018, il prof. Nigrelli propone di approvare anche il learning agreement dello studente Erasmus:

- CARDILE Federico,

che si recherà a ZARAGOZA;



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UNIVERSITÀ
DEGLI STUDI
DI PALERMOHigher Education
Learning Agreement form**LEARNING AGREEMENT FOR STUDIES****The Student**

Last name (s)	Cardile	First name (s)	Federico
Date of birth	04/07/1997	Nationality	Italian
Sex [M/F]	M	Academic year	2017/18
Study cycle	1st	Subject area, Code	521 Mechanics and metal work
Phone	+3932789890999	E-mail	fefo.cardile@libero.it
Corso di Studio	2055-Ingegneria Meccanica	Classe di Laurea	Ingegneria Industriale L-9
Numero di matricola	0643069		

The Sending Institution

Name	Università degli Studi Palermo	School	Scuola Politecnica
Erasmus code (if applicable)	I PALERMO01	Department	Ingegneria Meccanica
Address	Piazza Marina, 61 90129 Palermo	Country, Country code	Italy
Contact person name	Sonia Valentino	Contact person e-mail / phone	sonia.valentino@unipa.it

The Receiving Institution

Name	Universidad de Zaragoza	Faculty	Escuela de Ingeniería y Arquitectura
Erasmus code (if applicable)	E ZARAGOZ01	Department	Grado en Ingeniería Mecánica
Address	Maria De Luna 3, 50018, Zaragoza	Country, Country code	Spain
Contact person name	Rosa Martinez	Contact person e-mail / phone	irsea@unizar.es



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Higher Education
Learning Agreement form

Student Name*: CARMILE FEDERICO

*mandatory field

II. RESPONSIBLE PERSONS

Departmental Coordinator of the Interinstitutional Agreement

Name: Vincenzo Nigrelli E-mail: vincenzo.nigrelli@unipa.it

Signature:

Responsible person in the sending institution:

Name: Leonardo D'Acquisto

Function: Course of Study Coordinator

Phone number: +3909123897259

E-mail: leonardodacquisto@unipa.it

Responsible person in the receiving institution:

Name:

Function:

Phone number:

E-mail:

III. COMMITMENT OF THE THREE PARTIES

By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and receiving institutions undertake to apply all the principles of the Erasmus Charter for Higher Education relating to mobility for studies (or the principles agreed in the inter-institutional agreement for institutions located in partner countries).

The receiving institution confirms that the educational components listed in Table A are in line with its course catalogue.

The sending institution commits to recognise all the credits gained at the receiving institution for the successfully completed educational components and to count them towards the student's degree as described in Table B. Any exceptions to this rule are documented in an annex of this Learning Agreement and agreed by all parties.

The student and receiving institution will communicate to the sending institution any problems or changes regarding the proposed mobility programme, responsible persons and/or study period.

The student

Student's signature

Date:

30/6/17

The sending institution

Responsible person's signature

Date:

30/6/17

The receiving institution

Responsible person's signature

Date:

Il consiglio approva, all'unanimità e seduta stante.

Nell'ambito della VISITING STUDENT MOBILITY per l'a.a. 2017/2018, il Consiglio viste le numerose richieste di approvazione di LA, decide:

- di **non approvare** la richiesta di CILLUFFO Salvatore, in quanto non idoneo Erasmus.
e
- di **approvare** le richieste e i Learning Agreement degli studenti **idonei Erasmus**, che di seguito si elencano:
 - CIRINO Mirko Salvatore (Idoneo Erasmus per la sede di IASI);
 - PROVENZANO Santi (Idoneo Erasmus per la sede di IASI);
 - CATALDO Marco (Idoneo Erasmus per la sede di IASI);
 - Maggiore Roberto (Idoneo Erasmus per la sede di Lublino);
 - LATINO Cosimo (Idoneo Erasmus per la sede di Lublino);
 - GROVA Carmelo (Idoneo Erasmus per la sede di Lublino);
 - PIAZZA Calogero Domenico (Idoneo Erasmus per la sede di Lublino)

Di seguito si riportano i LA approvati.



VISITING STUDENT MOBILITY LEARNING AGREEMENT FOR STUDIES

The Student

Last name (s)	Cirino	First name (s)	Mirko Salvatore
Date of birth	10-01-1995	Nationality	Italy
Sex [M/F]	M	Academic year	2017/2018
Study cycle	1	Subject area, Code	
Phone	3922017193	E-mail	mscirino@hotmail.it

The Sending Institution

Name	Università degli Studi di Palermo		
School	Politecnica	Department	DICGIM
Address	Viale delle scienze Edificio 8	Country, Country code	Italy
Contact person name	Sonia Valentino	Contact person e-mail / phone	<u>Sonia.valentino@unipa.com</u> +39 09123892307

The Receiving Institution

Name	Universitatea Tehnica "Gheorghe Asachi"		
Faculty	Mechanical Engineering	Department	Mechanical Engineering
Address		Country, Country code	Romania, 70050
Contact person name	Prof. Paul Barsanescu	Contact person e-mail / phone	Paulbarsanescu@ yahoo.com



Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year] till [month/year]

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
	<i>Trasmission and distribution of electric energy</i>		4
	<i>Electrotechis and electric machines</i>		4
	<i>Inorganic Chemistry</i>		9
	<i>Physical chemistry I</i>		5
	<i>Electrochemistry and corrosion</i>		3
			Total: 25

Web link to the course catalogue at the receiving institution describing the learning outcomes:

[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad
NB no one to one match with Table A is required.

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
	<i>Elettrotecnica</i>		9
	<i>Chimica</i>		9
			Total: 18



II. RESPONSIBLE PERSONS

Mobility Tutor

Name: Vincenzo Nigrelli

E-mail: Vincenzo.nigrelli@unipa.it

Signature:

Responsible person in the sending institution:

Name: Leonardo D'acquisto

Function: Coordinatore CCS

Phone number: +3909123897259

E-mail: Leonardo.dacquisto@unipa.it

Responsible person in the receiving institution:

Name:

Function:

Phone number:

E-mail:

III. COMMITMENT OF THE THREE PARTIES

By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and receiving institutions undertake to apply all the principles of the Erasmus Charter for Higher Education relating to mobility for studies (or the principles agreed in the inter-institutional agreement for institutions located in partner countries).

The receiving institution confirms that the educational components listed in Table A are in line with its course catalogue.

The sending institution commits to recognise all the credits gained at the receiving institution for the successfully completed educational components and to count them towards the student's degree as described in Table B. Any exceptions to this rule are documented in an annex of this Learning Agreement and agreed by all parties.

The student and receiving institution will communicate to the sending institution any problems or changes regarding the proposed mobility programme, responsible persons and/or study period.

The student

Student's signature

Date:

The sending institution

Responsible person's signature

Date: 12/07/2017

The receiving institution

Responsible person's signature

Date:



UNIVERSITÀ
DEGLI STUDI
DI PALERMO

Higher Education
Learning Agreement form
Student's name

VISITING STUDENT MOBILITY LEARNING AGREEMENT FOR STUDIES

The Student

Last name (s)	Provenzano	First name (s)	Santi
Date of birth	26-03-1996	Nationality	Italy
Sex [M/F]	M	Academic year	2017/2018
Study cycle	1	Subject area, Code	
Phone	3289469191	E-mail	Santiilpilota23@gmail.com

The Sending Institution

Name	Università degli Studi di Palermo		
School	Politecnica	Department	DICGIM
Address	Viale delle scienze Edificio 8	Country, Country code	Italy
Contact person name	Sonia Valentino	Contact person e-mail / phone	<u>Sonia.valentino@unipa.com</u> +39 09123892307

The Receiving Institution

Name	Universitatea Tehnica "Gheorghe Asachi"		
Faculty	Mechanical Engineering	Department	Mechanical Engineering
Address		Country, Country code	Romania, 70050
Contact person name	Prof. Paul Barsanescu	Contact person e-mail / phone	Paulbarsanescu@ yahoo.com



UNIVERSITÀ
DEGLI STUDI
DI PALERMO

Higher Education
Learning Agreement form
Student's name

Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year] till [month/year]

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by receiving institution upon successful completion
①	Trasmissione e distribuzione di energia elettrica		4
	Elettrotecnica e macchine elettriche		4
	Chimie anorganica <i>Inorganic Chemistry</i>		9
2	Physical chemistry I		5
	Electrochemistry and corrosion		3
③	Theoretical mechanics I		6
	Theoretical mechanics II		3
④	Physics I		3
	Physics II		3
			Total: 40

Web link to the course catalogue at the receiving institution describing the learning outcomes:
[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad. NB no one to one match with Table A is required.

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
①	Elettrotecnica		9 <i>V. Rai2</i>
②	Chimica		9
③	Fisica 1		9
④	Fisica 2		6



UNIVERSITÀ
DEGLI STUDI
DI PALERMO

**Higher Education
Learning Agreement form**
Student's name

PERFOMANCE	PERIOD		Total: 33
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If the student does not complete successfully some educational components, the following provisions will apply:

[Please, specify or provide a web link to the relevant information.]

Language competence of the student

The level of language competence in [the main language of instruction] that the student already has or agrees to acquire by the start of the study period is:

A1 A2 B1 B2 C1 C2

DECLARATION OF THE THREE PARTIES

By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed Learning Agreement and that they will comply with all the arrangements agreed as well as provide funding for the student's education, including the costs of the mobility of the student abroad. The receiving institution agrees to accept the student for the proposed course of study and to provide the necessary support for studying abroad in accordance with its own regulations.

The receiving institution confirms that it will provide the necessary support for the student's mobility in accordance with its own regulations.

The sending institution confirms that it will provide the necessary support for the student's mobility in accordance with its own regulations and that it will ensure the student's return to the sending institution in accordance with the arrangements agreed in this Learning Agreement and signed by all parties.

The student confirms that they will be responsible for the sending institution's obligations and that they will comply with the arrangements agreed in this Learning Agreement and signed by all parties.

The student: *[Signature]*

The sending institution: *[Signature]*

The receiving institution: *[Signature]*

[Handwritten signature]



II. RESPONSIBLE PERSONS

Mobility Tutor

Name: Vincenzo Nigrelli

E-mail: Vincenzo.nigrelli@unipa.it

Signature:

Responsible person in the sending institution:

Name: Leonardo D'acquisto

Function: Coordinatore CCS

Phone number: +3909123897259

E-mail: Leonardo.dacquisto@unipa.it

Responsible person in the receiving institution:

Name:

Function:

Phone number:

E-mail:

III. COMMITMENT OF THE THREE PARTIES

By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and receiving institutions undertake to apply all the principles of the Erasmus Charter for Higher Education relating to mobility for studies (or the principles agreed in the inter-institutional agreement for institutions located in partner countries).

The receiving institution confirms that the educational components listed in Table A are in line with its course catalogue.

The sending institution commits to recognise all the credits gained at the receiving institution for the successfully completed educational components and to count them towards the student's degree as described in Table B. Any exceptions to this rule are documented in an annex of this Learning Agreement and agreed by all parties.

The student and receiving institution will communicate to the sending institution any problems or changes regarding the proposed mobility programme, responsible persons and/or study period.

The student

Student's signature

Date:

The sending institution

Responsible person's signature

Date:

12/07/2017

The receiving institution

Responsible person's signature

Date:



VISITING STUDENT MOBILITY LEARNING AGREEMENT FOR STUDIES

The Student

Last name (s)	Cataldo	First name (s)	Marco <i>/DONEO</i>
Date of birth	14-11-1995	Nationality	Italy
Sex [M/F]	M	Academic year	2017/2018
Study cycle	1	Subject area, Code	
Phone	3278105571	E-mail	marcocataldo69@gmail.com

The Sending Institution

Name	Università degli Studi di Palermo		
School	Politecnica	Department	DICGIM
Address	Viale delle scienze Edificio 8	Country, Country code	Italy
Contact person name	Sonia Valentino	Contact person e-mail / phone	<u>Sonia.valentino@unipa.com</u> +39 09123892307

The Receiving Institution

Name	Universitatea Tehnica "Gheorghe Asachi"		
Faculty	Mechanical Engineering	Department	Mechanical Engineering
Address		Country, Country code	Romania, 70050
Contact person name	Prof. Paul Barsanescu	Contact person e-mail / phone	Paulbarsanescu@ yahoo.com



Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year] till [month/year]

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
	Trasmission and distribution of electric energy		4
①	Electrotechis and electric machines		4
	Theoretical mechanics I		6
②	Theoretical mechanics II		3
	Physics I		3
③	Physics II		3
	Turbomachine		6
④	Gas and steam turbines		7
	Fluid mechanics and hydraulics machines		3
			Total: 39

Web link to the course catalogue at the receiving institution describing the learning outcomes:

[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad
NB no one to one match with Table A is required.

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
1	Elettrotecnica		9
2	Fisica 1		9
3	Fisica 2		6
4	Macchine		9



UNIVERSITÀ
DEGLI STUDI
DI PALERMO

Higher Education
Learning Agreement form
Student's name

			Total: 33
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If the student does not complete successfully some educational components, the following provisions will apply:

[Please, specify or provide a web link to the relevant information.]

Language competence of the student

The level of language competence in [the main language of instruction] that the student already has or agrees to acquire by the start of the study period is:

A1 A2 B1 B2 C1 C2



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Learning Agreement form
Student's name

VISITING STUDENT MOBILITY LEARNING AGREEMENT FOR STUDIES

The Student

Last name (s)	Maggiore	First name (s)	Roberto IBONEO LL
Date of birth	14-06-1996	Nationality	Italy
Sex [M/F]	M	Academic year	2017/2018
Study cycle	1	Subject area, Code	
Phone	3202308830	E-mail	<u>Roberto.maggiore@icloud.com</u>

The Sending Institution

Name	Università degli Studi di Palermo		
School	Politecnica	Department	DICGIM
Address	Viale delle scienze Edificio 8	Country, Country code	Italy
Contact person name	Sonia Valentino	Contact person e-mail / phone	<u>Sonia.valentino@unipa.com</u> +39 09123892307

The Receiving Institution

Name	Universitatea Tehnica "Gheorghe Asachi"		
Faculty	Mechanical Engineering	Department	Mechanical Engineering
Address		Country, Country code	Romania, 70050
Contact person name	Prof. Paul Barsanescu	Contact person e-mail / phone	Paulbarsanescu@ yahoo.com



Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year] till [month/year]

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
①	Trasmission and distribution of electric energy		4
	Electrotechis and electric machines		4
	Theoretical mechanics I		6
②	Theoretical mechanics II		3
	Physics I		3
③	Physics II		3
	Turbomachine		6
④	Gas and steam turbines		7
	Fluid mechanics and hydraulics machines		3
			Total: 39

Web link to the course catalogue at the receiving institution describing the learning outcomes:

[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad NB no one to one match with Table A is required.

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
①	Elettrotecnica		9
②	Fisica 1		9
③	Fisica 2		6
④	Macchine		9



UNIVERSITÀ
DEGLI STUDI
DI PALERMO

Higher Education
Learning Agreement form
Student's name

			Total: 33
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If the student does not complete successfully some educational components, the following provisions will apply:

[Please, specify or provide a web link to the relevant information.]

Language competence of the student

The level of language competence in [the main language of instruction] that the student already has or agrees to acquire by the start of the study period is:

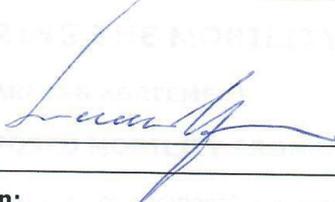
A1 A2 B1 B2 C1 C2



II. RESPONSIBLE PERSONS

Mobility Tutor

Name: Vincenzo Nigrelli

E-mail: Vincenzo.nigrelli@unipa.it Signature: 

Responsible person in the sending institution:

Name: Leonardo D'acquisto

Function: Coordinatore CCS

Phone number: +3909123897259

E-mail: Leonardo.dacquisto@unipa.it

Responsible person in the receiving institution:

Name:

Function:

Phone number:

E-mail:

III. COMMITMENT OF THE THREE PARTIES

By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and receiving institutions undertake to apply all the principles of the Erasmus Charter for Higher Education relating to mobility for studies (or the principles agreed in the inter-institutional agreement for institutions located in partner countries).

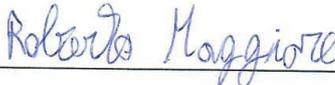
The receiving institution confirms that the educational components listed in Table A are in line with its course catalogue.

The sending institution commits to recognise all the credits gained at the receiving institution for the successfully completed educational components and to count them towards the student's degree as described in Table B. Any exceptions to this rule are documented in an annex of this Learning Agreement and agreed by all parties.

The student and receiving institution will communicate to the sending institution any problems or changes regarding the proposed mobility programme, responsible persons and/or study period.

The student

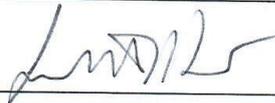
Student's signature



Date:

The sending institution

Responsible person's signature



Date: 12/02/2017

The receiving institution

Responsible person's signature

Date:



VISITING STUDENT MOBILITY LEARNING AGREEMENT FOR STUDIES

The Student

Last name (s)	Latino	First name (s)	Cosimo <i>IBONED</i>
Date of birth	08-03-1994	Nationality	Italy
Sex [M/F]	M	Academic year	2017/2018
Study cycle	1	Subject area, Code	
Phone	3248799135	E-mail	<u>Latinojr.94@outlook.it</u>

The Sending Institution

Name	Università degli Studi di Palermo		
School	Politecnica	Department	DICGIM
Address	Viale delle scienze Edificio 8	Country, Country code	Italy
Contact person name	Sonia Valentino	Contact person e-mail / phone	<u>Sonia.valentino@unipa.com</u> +39 09123892307

The Receiving Institution

Name	Universitatea Tehnica "Gheorghe Asachi"		
Faculty	Mechanical Engineering	Department	Mechanical Engineering
Address		Country, Country code	Romania, 70050
Contact person name	Prof. Paul Barsanescu	Contact person e-mail / phone	Paulbarsanescu@ yahoo.com

Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year] till [month/year]

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
1	Trasmission and distribution of electric energy		4
1	Electrotechis and electric machines		4
2	Theoretical mechanics I		6
2	Theoretical mechanics II		3
3	Physics I		3
3	Physics II		3
4	Physical chemistry I		5
4	Electrochemistry and corrosion		3
	Inorganic chemistry		9
			Total: 40

Web link to the course catalogue at the receiving institution describing the learning outcomes:

[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad
NB no one to one match with Table A is required.

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
1	Elettrotecnica		9
2	Fisica 1		9
3	Fisica 2		6
4	Chimica		9



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DI PALERMO

**Higher Education
Learning Agreement form**
Student's name

			Total: 33
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If the student does not complete successfully some educational components, the following provisions will apply:

[Please, specify or provide a web link to the relevant information.]

Language competence of the student

The level of language competence in [the main language of instruction] that the student already has or agrees to acquire by the start of the study period is:

A1 A2 B1 B2 C1 C2

Responsible person in the receiving institution

Name: _____ Function: _____

Phone number: _____ E-mail: _____

III. COMMITMENT OF THE THREE PARTIES

By signing this document, the student, the sending institution and the receiving institution declare that they accept the responsibilities mentioned in this document and agree to comply with all the arrangements agreed by all parties, reading and signing this document, in order to ensure the successful completion of the study period in the receiving institution, in accordance with the programme agreed in this document.

The receiving institution confirms that the student has completed the required pre-conditions for the study period.

The sending institution will provide the student with the appropriate support of the institution, in order to ensure the successful completion of the study period, and to ensure that the student is aware of the responsibilities of the student in the receiving institution, in accordance with the programme agreed in this document.

The student, the sending institution and the receiving institution agree to provide any assistance or support required by the student with the programme, responsible persons and the receiving institution.

The Student

Student's signature: _____ Date: _____

The sending institution

Responsible person's signature: _____ Date: _____

The receiving institution

Responsible person's signature: _____ Date: _____



II. RESPONSIBLE PERSONS

Mobility Tutor

Name: Vincenzo Nigrelli

E-mail: Vincenzo.nigrelli@unipa.it

Signature: 

Responsible person in the sending institution:

Name: Leonardo D'acquisto

Function: Coordinatore CCS

Phone number: +3909123897259

E-mail: Leonardo.dacquisto@unipa.it

Responsible person in the receiving institution:

Name:

Function:

Phone number:

E-mail:

III. COMMITMENT OF THE THREE PARTIES

By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and receiving institutions undertake to apply all the principles of the Erasmus Charter for Higher Education relating to mobility for studies (or the principles agreed in the inter-institutional agreement for institutions located in partner countries).

The receiving institution confirms that the educational components listed in Table A are in line with its course catalogue.

The sending institution commits to recognise all the credits gained at the receiving institution for the successfully completed educational components and to count them towards the student's degree as described in Table B. Any exceptions to this rule are documented in an annex of this Learning Agreement and agreed by all parties.

The student and receiving institution will communicate to the sending institution any problems or changes regarding the proposed mobility programme, responsible persons and/or study period.

The student

Student's signature



Date:

The sending institution

Responsible person's signature



Date: 12/07/2017

The receiving institution

Responsible person's signature

Date:

LEARNING AGREEMENT FOR STUDIES

*Insieme a
Erasmus
club*

The Student

Last name (s)	GROVA	First name (s)	CARMELO
Date of birth	05/06/92	Nationality ¹	ITALIAN
Sex [M/F]	M	Academic year	2017/2018
Study cycle ²	BACHELOR	Subject area, Code ³	MECHANICAL ENGINEERING,2055
Phone	+39 3203376328	E-mail	grovacarmelo@gmail.com

The Sending Institution

Name	Università degli Studi di Palermo		
school	Politecnical	Department	MECHANICAL ENGINEERING
Address		Country, Country code ⁴	Italy
Contact person ⁵ name	Nigrelli Vincenzo	Contact person e-mail / phone	Vincenzo.nigrelli@unipa.it

The Receiving Institution

Name	UNIVERSITATEA TEHNICA, GHEORGHE ASACHI, DIN IASI	Faculty	MECANICA
Erasmus code (if applicable)		Department	MECANICA
Address		Country, Country code	ROMANIA, 70050
Contact person name	Prof. Paul Barsanescu	Contact person e-mail / phone	paulbarsanescu@yahoo.com

Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year] till [month/year]

Table A: Study programme abroad

Component ⁶ code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
	<i>Turbo machine</i>	1SM	6
	<i>Gas and steam turbines</i>	1SM	7
	<i>Fluids mechanics and hydraulic machine</i>	1SM	3
	<i>thermotechnica</i>	1SM	9
	<i>Theoretical mechanics I</i>	1SM	6
	<i>Theoretical mechanics II</i>	1SM	3
			Total: 34

Web link to the course catalogue at the receiving institution describing the learning outcomes:

[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad NB no one to one match with Table A is required. Where all credits in Table A are recognised as forming part of the programme at the sending institution without any further conditions being applied, Table B may be completed with a reference to the mobility window (see guidelines).

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
	<i>macchine</i>		9
	<i>Fisica tecnica</i>		12
	<i>Fisica I</i>		9
			Total: 30

If the student does not complete successfully some educational components, the following provisions will apply:

1. If possible the student will resit the educational component at the receiving institution.
2. The student may take an equivalent examination assigned by the Vice/Dean at the sending in-

stitution

<http://www.pollub.pl/pl/uczelnia/wewnetrzne-akty-prawne/dokumenty-wewnetrzne/regulamin-studiow>

Language competence of the student

The level of language competence⁷ in *[the main language of instruction]* that the student already has or agrees to acquire by the start of the study period is:

A1 A2 B1 B2 C1 C2

II. RESPONSIBLE PERSONS

Responsible person⁸ in the sending institution:

Name: _____ Function: Vice dean
Phone number: _____ E-mail: _____

Responsible person⁹ in the receiving institution:

Name: _____ Function: _____
Phone number: _____ E-mail: _____

III. COMMITMENT OF THE THREE PARTIES

By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and receiving institutions undertake to apply all the principles of the Erasmus Charter for Higher Education relating to mobility for studies (or the principles agreed in the inter-institutional agreement for institutions located in partner countries).

The receiving institution confirms that the educational components listed in Table A are in line with its course catalogue.

The sending institution commits to recognise all the credits gained at the receiving institution for the successfully completed educational components and to count them towards the student's degree as described in Table B. Any exceptions to this rule are documented in an annex of this Learning Agreement and agreed by all parties.

The student and receiving institution will communicate to the sending institution any problems or changes regarding the proposed mobility programme, responsible persons and/or study period.

The student

Student's signature  Date: 28/06/2017

The sending institution

Responsible persons' signatures:

Departmental coordinator

Vice Dean

11
 Presente 04/06/17
 dr. V. Nigrelli (allegato)
 de forboni - Confis per unibou.it



Higher Education
 Learning Agreement form
 Student's name

VISITING STUDENT MOBILITY LEARNING AGREEMENT FOR STUDIES

The Student

Last name (s)	PIAZZA	First name (s)	CALOGERO DOMENICO
Date of birth	04/07/1995	Nationality	ITALIAN
Sex [M/F]	M	Academic year	2017/2018
Study cycle	BACHELOR	Subject area, Code	MECHANICAL ENGINEERING, 2055
Phone	+39 3895851961	E-mail	cpiazza95@gmail.com

The Sending Institution

Name	Università degli Studi di Palermo		
School	POLITECNICAL	Department	MECHANICAL ENGINEERING
Address		Country, Country code	Italy
Contact person name	NIGRELLI VINCENZO	Contact person e-mail / phone	vincenzo.nigrelli@unipa.it

The Receiving Institution

Name	UNIVERSITATEA TEHNICA, GHEORGHE ASACHI, DIN IASI		
Faculty	MECANICA	Department	MECANICA
Address		Country, Country code	Romania, 70050
Contact person name	Prof. Paul Barsanescu	Contact person e-mail / phone	<u>Paulbarsanescu@yahoo.com</u>



Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from [month/year]09/2017. till [month/year] 06/2018

Table A: Study programme abroad

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
	<i>Turbo machine</i>	1SM	6
	<i>GAS AND STEAM TURBINES</i>	1SM	7
	<i>Fluids mechanics and hydraulic machine</i>	1SM	3
	<i>Thermotechnica</i>	1SM	9
	<i>Theoretical mechanics I</i>	1SM	6
	<i>Theoretical mechanics II</i>	1SM	3
			Total: ...34.....

Web link to the course catalogue at the receiving institution describing the learning outcome:

[Web link(s) to be provided.]

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad.
NB no one to one match with Table A is required.

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
	<i>MACCHINE</i>		9
	<i>FISICA TECNICA</i>		12
	<i>FISICA I</i>		9
			Total:30.....

If the student does not complete successfully some educational components, the following provisions will apply:

[Please, specify or provide a web link to the relevant information.]



II. RESPONSIBLE PERSONS

Mobility Tutor

Name: _____

E-mail: _____

Signature: _____

Responsible person in the sending institution:

Name: _____

Function: _____

Phone number: _____

E-mail: _____

Responsible person in the receiving institution:

Name: _____

Function: _____

Phone number: _____

E-mail: _____

III. COMMITMENT OF THE THREE PARTIES

By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and receiving institutions undertake to apply all the principles of the Erasmus Charter for Higher Education relating to mobility for studies (or the principles agreed in the inter-institutional agreement for institutions located in partner countries).

The receiving institution confirms that the educational components listed in Table A are in line with its course catalogue.

The sending institution commits to recognise all the credits gained at the receiving institution for the successfully completed educational components and to count them towards the student's degree as described in Table B. Any exceptions to this rule are documented in an annex of this Learning Agreement and agreed by all parties.

The student and receiving institution will communicate to the sending institution any problems or changes regarding the proposed mobility programme, responsible persons and/or study period.

The student

Student's signature

Ady Dany Pura

Date:

07/06/2017

The sending institution

Responsible person's signature

Date:

The receiving institution

Responsible person's signature

Date:

4.8 Richieste menzione

È pervenuta, contestualmente alla consegna della tesi, la richiesta di menzione per la tesi dell'allievo **Simone Malizia** intitolata "Characterization of Nano particles from modern gasoline direct injection engines", relatori Prof. S. Beccari e V. La Rocca.

Secondo il regolamento vigente, il Prof. Beccari ha inoltrato la richiesta di nomina di tre controrelatori. Vengono proposti i Prof. D'acquisto, Dispenza, Pipitone che si dichiarano disponibili.

È pervenuta, contestualmente alla consegna della tesi, la richiesta di menzione per la tesi dell'allievo **Giuseppe Benenati** intitolata "Formatura Elettromagnetica Multi-Step Di Tubi In Lega Di Alluminio 5a02: Analisi Numerica E Sperimentale Del Processo", relatore Prof. G. Buffa.

Secondo il regolamento vigente, il Prof. Buffa ha inoltrato la richiesta di nomina di tre controrelatori. Vengono proposti i Prof. D'acquisto, Ingarao, Masnata che si dichiarano disponibili.

Il Consiglio approva all'unanimità

4.9 Richieste di passaggio di Corso di Laurea

Il Coordinatore comunica che sono giunte diverse domande di passaggio di corso di laurea da altri CdL della scuola a quello di Ingegneria Meccanica. Il Coordinatore ricorda che non ci sono posti disponibili per il secondo anno, ciò evidenzia che non ci sono stati rinunce ed abbandoni e quindi è un dato positivo. Sono invece disponibili 10 posti per il terzo anno.

Viene proposta la nomina di una commissione per valutare la possibilità di accogliere le domande. La commissione sarà formata dal Coordinatore Prof. L. D'Acquisto, dal Segretario Prof. G. Buffa e dal Coordinatore Vicario Prof. T. Ingrassia.

Il Consiglio approva all'unanimità

-----OMISSIS-----

Avendo esaurito gli argomenti all'o.d.g., alle ore 13.45 il Coordinatore del CdS Prof. D'Acquisto scioglie la seduta.

Del che è redatto il presente verbale.

Il Segretario
prof. Gianluca Buffa

Il Coordinatore
prof. Leonardo D'Acquisto

Verbale del CICS Ingegneria Meccanica del 07 Luglio 2017