



**UNIVERSITA' DEGLI STUDI DI PALERMO**  
**SCUOLA POLITECNICA**  
**CONSIGLIO DEL CORSO DI STUDI IN INGEGNERIA MECCANICA**

Viale delle Scienze, Ed. 8 - 90128 Palermo

**VERBALE DELLA SEDUTA DEL CONSIGLIO DEL 13.07. 2018**

Il Consiglio di Corso di Studi in Ingegneria Meccanica si è riunito il giorno di **13 Luglio 2018 alle ore 11:45** presso l'Aula Rubino del Dipartimento dell'Innovazione Industriale e Digitale - Ingegneria Chimica, Gestionale, Informatica, Meccanica, con il seguente ordine del giorno:

1. Comunicazioni
2. Approvazione verbale seduta precedente
3. Ratifica decreti del coordinatore del CICS
4. Approvazione schede di trasparenza corsi di laurea (L9) e laurea magistrale (LM33) in Ingegneria Meccanica offerta formativa A.A. 2018/19
5. Orario delle lezioni A.A. 2018-19
6. Modalità attuative della nuova prova finale dei corsi di laurea triennali non abilitanti in vigore dalla sessione estiva A.A. 2018/2019: coorte A.A. 2016/2017 e successivi
7. Pratiche studenti.
8. Varie ed eventuali
9. Conferimento incarico diretto di docenza a docenti in quiescenza.

Sono presenti:

i Proff.: C. Aricò, A. Barcellona, , D. Cerniglia, L. D'Acquisto, L. Fratini, G. Ingarao, T. Ingrassia, G. La Scalia, A. Mancuso, V. Nigrelli, D. Panno, A. Pantano, G. Passannanti, G. Petrucci, E. Pipitone, G. Pitarresi, F. Sorge, F. Zuccarello (dalle 12.50), G. Virzì Mariotti.

*Sono assenti giustificati i proff.:*, G. Buffa, M. Cammalleri, E. Fiordilino, V. La Rocca, A. Milazzo.

*Sono presenti i rappresentanti degli studenti:* Sigg.ri E. Benigno, A. Evola, A. Mandina, D. Tarantino.

Assume le funzioni di segretario verbalizzante il prof. Tommaso Ingrassia.

**OMISSIS**

**3. Ratifica decreti del coordinatore del CICS**

Il Prof. D'Acquisto presenta al Consiglio il decreto n. 697/18 del 29/06/2018, riguardante il *Bando di passaggio di corso di studio e di sede nei corsi di laurea dell'Ateneo di Palermo a numero programmato – A.A. 2018/19*, secondo il quale si delibera la seguente graduatoria per il passaggio al secondo anno del corso di laurea in Ingegneria Meccanica (L9) per l'A.A. 2018/19, redatta sulla base dei criteri di cui all'art. 4 del Bando:

0650909 Mitra Marco
0668120 Di Gesù Luca
0667352 Crupi Gianluca

0666199 Vetro Filippo
0668014 Montalto Domenico
0666477 Gambino Mauro
0663140 Tortora Fabio
0673351 Cucchiara Diego
0668034 Graceffa Luciano
0668214 Di Blasi Anthony
0665473 Di Miceli Antonio
0667116 Lo Cascio Atanasio

Il Consiglio approva all'unanimità.

Il Prof. D'Acquisto presenta al Consiglio i seguenti decreti relativi al riconoscimento di 24 CFU che alcuni studenti laureandi del CdS Magistrale hanno maturato in seguito al regolare svolgimento e conclusione dell'attività di tirocinio:

Decreto n. prot. 692/2018

Nome	Matr	Sede tirocinio	Periodo	Tutor universitario	CFU
<b>CONDIPODERO ANTONIO</b>	<b>0649583</b>	FONDAZIONE RIMED PALERMO	DAL 02/10/2017 AL 14/02/2018	G. P ETRUCCI	24

Decreto n. 693/2018

Nome	Matr	Sede tirocinio	Periodo	Tutor universitario	CFU
<b>GUAGNANO LUIGI</b>	<b>0660869</b>	YAM s.r.l PALERMO	DAL 13/02/2018 AL 05/06/2018	T. INGRASSIA	24

Decreto n. 694/2018

Nome	Matr	Sede tirocinio	Periodo	Tutor universitario	CFU
<b>LO PICCOLO LEONARDO</b>	<b>0661571</b>	RIMAT s.r.l PALERMO	DAL 06/03/2018 AL 21/06/2018	E. LO VALVO	24

Decreto n. 695/2018

Nome	Matr	Sede tirocinio	Periodo	Tutor universitario	CFU
<b>ZAPPARDO MANFREDI</b>	<b>0660800</b>	RIMAT s.r.l PALERMO	DAL 05/03/2018 –	E. LO VALVO	24

			AL 20/06/2018		
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Decreto n. 696/2018

Nome	Matr	Sede tirocinio	Periodo	Tutor universitario	CFU
<b>MINORE GEMMA</b>	<b>0655282</b>	YAM s.r.l PALERMO	DAL 13/02/2018 AL 05/06/2018	T. INGRASSIA	24

Il Consiglio approva all'unanimità.

## OMISSIS

### 7. Pratiche studenti

#### 7.1. Domande di assegnazione Tesi

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

<i>Nome</i>	<i>Matr.</i>	<i>CdS</i>	<i>Titolo</i>	<i>Relatore/i</i>	<i>Sessione</i>
<b>Barbera Bruna Anselmo</b>	0662451	LM	<i>Analisi delle proprietà meccaniche di billette di alluminio ottenute tramite Friction Consolidation</i>	G. Buffa L. Fratini	Ottobre 2018
<b>Di Maria Marco</b>	0658794	LM	<i>Progettazione e verifica post- produzione di un nuovo macchinario per pressatura di prodotti agroalimentari</i>	G. Petrucci	Ottobre 2018
<b>Gomes Salles Tiburcio Karine</b>	0662449	LM	<i>Incidenza delle condizioni di funzionamento dei moduli fotovoltaici sulla produzione dei campi</i>	A. Piacentino	Ottobre 2018
<b>Gucciardi Marco</b>	0652395	LM	<i>Ingegnierizzazione dei processi di formatura delle lamiere: un caso studio applicato al food packaging</i>	L. fratini G. Buffa	Ottobre 2018
<b>Imperatore Carlotta</b>	0661057	LM	<i>Ottimizzazione del processo produttivo e di progettazione di componenti di un recuperatore rotativo</i>	G. La Scalia T. Ingrassia	Ottobre 2018
<b>Leta Fabrizio</b>	0651925	LM	<i>Sviluppo dispositivo IOT per il monitoraggio di macchine utensili a controllo numerico</i>	E. Lo Valvo	Ottobre 2018
<b>Napoli Giuseppe</b>	0661539	LM	<i>Manifattura e controllo di qualità di componenti in composito (CFRP) per il settore automotive</i>	B. Zuccarello	Ottobre 2018
<b>Perriera Marco</b>	0661515	LM	<i>Applicazioni e sviluppo di moog® nella analisi dei big data</i>	G. Virzi Mariotti	Ottobre 2018

			<i>e nella calibrazione in ambito automotive</i>		
<b>Sciacca Alessandro</b>	0661334	LM	<i>Sviluppo di procedure per la realizzazione di un verricello lebus per gru</i>	E. Lo valvo	Ottobre 2018
<b>Tamburello Santo Mario</b>	0636540	LM	<i>Progettazione e ottimizzazione di una gru serie FL</i>	T. Ingrassia V. Nigrelli	Ottobre 2018
<b>Ciappa Marco</b>	0641463	LT	<i>Effetto delle tolleranze di lavorazione nel dimensionamento di contenitori cilindrici multistrato realizzati con interferenza</i>	G. Petrucci	Ottobre 2018
<b>Daino Nicola</b>	0640275	LT	<i>Stato dell'arte dei modelli di programmazione numerica per processi di additive manufacturing: EBM</i>	G. Buffa	Ottobre 2018
<b>Di Martino Giuseppe</b>	0628198	LT	<i>Materiali per l'impiego su velivoli supersonici</i>	A. Milazzo	Ottobre 2018
<b>Giannola Gianluca</b>	0627633	LT	<i>Vita a fatica di un assile ferroviario</i>	D. Cerniglia	Ottobre 2018
<b>Giordano Andrea</b>	0641141	LT	<i>Strumenti per misurazioni di velocità degli autoveicoli</i>	L. D'Acquisto	Ottobre 2018
<b>Patti Gianmarco</b>	0639777	LT	<i>Tecnologie ibride di giunzione: FSW ed adesivi strutturali</i>	L. Fratini	Ottobre 2018
<b>Colombarini Raffaele</b>	0641350	LT	<i>Analisi delle vibrazioni sul corpo di una chitarra acustica</i>	L. D'Acquisto G. Petrucci	Ottobre 2018
<b>Lodico Santo Roberto</b>	0639758	LT	<i>Analisi della difettologia nei processi di am tramite EBM</i>	G. Buffa	Ottobre 2018
<b>Casco Francesco</b>	0641117	LT	<i>Analisi degli algoritmi di machine learning per la produzione di componenti sul settore industriale</i>	G. Buffa	Ottobre 2018
<b>Graceffa Gabriele</b>	0629182	LT	<i>Funzionamento e prestazioni di compressori</i>	E. Pipitone	Ottobre 2018
<b>Garito Nicola</b>	0640771	LT	<i>Tecniche di bilanciamento per i sistemi di assemblaggio</i>	G. La Scalia	Ottobre 2018
<b>Liperni Enrico</b>	<b>0616514</b>	LT	<i>Sistemi di monitoraggio delle variabili di funzionamento in ammortizzatori per il trasporto terrestre</i>	G. Buffa	Ottobre 2018
<b>Fragapane Francesco</b>	0600234	LT	<i>Nuovi approcci di reverse engineering e additive manufacturing per la ricostruzione dei beni culturali</i>	T. Ingrassia V. Nigrelli V. Ricotta	Ottobre 2018
<b>Librizzi Domenico Davide</b>	0640493	LT	<i>Stato dell'arte dei sistemi di controlli difettosità in linee di produzione</i>	G. Buffa	Ottobre 2018
<b>Pappalardo Antonino</b>	0641712	LT	<i>Freni carboceramici per veicoli stradali e da competizione</i>	A. Barcellona	Ottobre 2018
<b>Pollara Gaetano</b>	0628086	LT	<i>Tecniche di elaborazione digitale delle immagini per l'analisi dell'usura superficiale di metalli</i>	G. Petrucci D. Cassata	Ottobre 2018

<b>Ricupero Irene</b>	0643030	LT	<i>Tecniche di saldatura allo stato solido per punti: Refill Friction Stir Welding</i>	L Fratini G. Buffa	Ottobre 2018
<b>Romano Michele</b>	0646310	LT	<i>Analisi dei parametri di processo sull' Electron Beam Melting di corpi in titanio per applicazioni biomedicali</i>	G. Buffa	Ottobre 2018
<b>Terranova Pietro</b>	0613996	LT	<i>Assemblaggio di appendici portanti per imbarcazione di tipo Skiff</i>	A. Mancuso	Luglio 2018
<b>Zacco Marco</b>	0628756	LT	<i>Confronto architettonico e di performance droni di piccole dimensioni</i>	C. Grillo	Ottobre 2018
<b>Zafonte Francesco</b>	0643142	LT	<i>Sistemi e linee di produzione nel settore automotive</i>	G. Buffa	Ottobre 2018

Il Consiglio approva, all'unanimità e seduta stante.

### 7.2. Assegnazione Tirocini (art.10, lettera f, DM 509/99)

Il Presidente informa il Consiglio delle richieste di Tirocinio pervenute da studenti dei corsi di Ingegneria Meccanica LT ed LM:

Nome	CdS	Sede tirocinio	Tutor	mesi	CFU
Gomes Salles Tiburcio Karine	LM 0662449	Horizon Srl – Palermo	A. Piacentino	3	6
Pisciotta Domenico	LM 0649424	Azienda ospedaliera “Ospedali riuniti Villa Sofia - Cervello”	T. Ingrassia	4	21 (525 ore)

Il Consiglio

VISTE le carriere degli studenti

ACCERTATE la conformità dei tirocini con gli obiettivi curriculari

APPROVA le suddette richieste ad unanimità.

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

Il Presidente, prof. L. D'Acquisto comunica al Consiglio che sono pervenute le seguenti richieste di convalida CFU per attività di tirocinio:

Nome	Matr CdS	Sede tirocinio	Tutor	mesi	CFU	tipologia
<b>Di Maria Marco</b>	<b>0658794</b> LM	Faso Srl	D. Panno	3	<b>24</b>	Esterno
<b>Maltese Antonino Dario</b>	<b>0661176</b> LM	Puleo SrL Marsala (TP)	G. Petrucci		<b>24</b>	Esterno
<b>Napoli Giuseppe</b>	<b>0661539</b> LM	HP- Composites Srl (Ascoli Piceno)	B. Zuccarello	4	<b>24</b>	Esterno

<b>Sciacca Alessandro</b>	<b>0661334 LM</b>	Sormec Srl (Alcamo)	E. Lo Valvo	4	<b>24</b>	Esterno
<b>Seidita Rosario</b>	<b>0573779 LM</b>	Museo storico dei motori e dei meccanismi - Unipa	M. Cammalleri	3	<b>9</b>	Interno

Il Consiglio, sentito il parere del Prof. T. Ingrassia, delegato per i tirocini, prende atto della documentazione presentata dai suddetti studenti, ne valuta positivamente l'attività e all'unanimità e seduta stante convalida i CFU richiesti per i Tirocini svolti.

#### 7.4. Modifica piano di studi

Lo Studente **Laurino Giuseppe Matr. 0661822** iscritto al CdS in Ingegneria meccanica LM, non avendo sostenuto le materie a scelta indicate nel Learning Agreement durante il periodo Erasmus, chiede di effettuare la seguente modifica di piano di studi per l'a.a. 2017 – 2018 :

Insegnamento da inserire	Cod.	CFU
Tecnica del freddo	07177	6
Progettazione di processo	10069	6

Il Consiglio, visto il piano di studi dello studente, considerata l'offerta formativa 2017-2018, all'unanimità accoglie la richiesta.

#### 7.5. Modifica piano di studi

Lo studente **Rondinella Salvatore Matr. 0522783** iscritto al CdS in Ingegneria meccanica LT chiede di effettuare la seguente modifica di piano di studi per l'a.a. 2017 – 2018

voce da eliminare	cod	Insegnamento da inserire	cod	CFU
Gruppo stage, tirocinio	11046	Attività di laboratorio di formula SAE	14509	3

Il Consiglio, visto il piano di studi degli studenti, considerata l'Offerta formativa 2017-2018, all'unanimità accoglie la richiesta.

#### 7.6. Modifica piano di studi di studenti del programma doppio titolo con UFOP

La prof.ssa Donatella Cerniglia, responsabile per l'Ateneo del programma doppio titolo con l'Università Federale di Ouro Preto (UFOP) del Brasile, riferisce che, in seguito alla modifica del manifesto degli studi apportata dai colleghi dell'UFOP, è necessario procedere all'aggiornamento del piano di studi di due studenti brasiliani attualmente ospiti presso il nostro Ateneo. Considerato che il cambio del piano di studi deve essere concordato fra il nostro Corso di Studi e quello di Ouro Preto, il Coordinatore propone di dare mandato alla prof.ssa Cerniglia di istruire la pratica di aggiornamento dei piani di studi.

Il Consiglio, all'unanimità, approva la proposta.

#### 7.7. Riconoscimento CFU per attività seminariali

Il Coordinatore ricorda che il Consiglio aveva deliberato il riconoscimento di 1 CFU agli allievi che avrebbero partecipato al seminario "Imprenditorialità: basi per la creazione di imprese e start up". Vista l'attestazione del

responsabile scientifico, prof. Maurizio Carta, con l'elenco degli studenti del CdS in Ingegneria Meccanica che hanno partecipato al suddetto seminario, il Coordinatore propone l'attribuzione di 1 CFU ai seguenti studenti:

Antonio	Montesanto	641829
Vincenzo Claudio	Piscopo	643139
Sergio	Cavaleri	627479
Davide	Cappellano	627679
Gabriele	Spoto	656464
Luca	D'antoni	646427
Luca	D'antoni	646427
Diego	Greco	631862
Filippo	Clemente	640235
Gabriele	Spoto	656464
Davide	Spinnato	666518
Riccardo	Barbera	651191
Vincenzo	Palazzolo	642740
Giovanni	Asaro	653841
Emanuele	Benigno	668226
Fabio	Galli	667381

Il Consiglio, all'unanimità, approva la proposta.

#### **7.8. Pratiche studenti Erasmus**

Il prof. Nigrelli propone di approvare:

- il Learning Agreement, i cambi effettuati durante la mobilità ed il conseguente Transcript of Records con la conversione in trentesimi dei voti riportati nell'ambito della **Visiting Student Mobility** dallo studente **PROVENZANO Santi** ad **IASI**. Il tutto in conformità a quanto segue:



UNIVERSITÀ  
DEGLI STUDI  
DI PALERMO

Higher Education  
Learning Agreement form  
Student's name

*V. Gnozz*

## 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	<a href="mailto:Sonia.valentino@unipa.com">Sonia.valentino@unipa.com</a> +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	<a href="mailto:Paulbarsanescu@yahoo.com">Paulbarsanescu@yahoo.com</a>

## 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

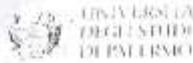
Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
	Transmission and distribution of electric energy		4
	Electrotechnis and electric machines		4
	Chimie anorganica		9
	Physical chemistry I		5
	Electrochemistry and corrosion		3
	Theoretical mechanics I		6
	Theoretical mechanics II		3
	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 V. Raio
2	Chimica		9
3	Fisica 1		9
4	Fisica 2		6



**II. RESPONSIBLE PERSONS**

**Mobility Tutor**

Name: Vincenzo Nigrelli

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

**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

*Gabriella*

Date:

**The sending institution**

Responsible person's signature

*Leonardo D'acquisto*

Date: 12/07/2017

**The receiving institution**

Responsible person's signature

lecturer *prof. dido GAIBINSCHI, PhD*

Date: 18.07.2017

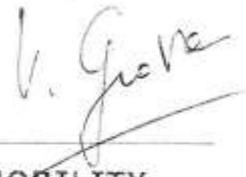
Universitatea Tehnică "Gheorghe Asachi" Iași

Biroul Relații Internaționale

*prof. Sabina SĂRULEANU*  
Erasmus Institutional Coordinator

18. IUL. 2017

Certificat în privința realității,  
regularității și legalității  
Din partea CASIIEI



## Section to be completed DURING THE MOBILITY

### CHANGES TO THE ORIGINAL LEARNING AGREEMENT

#### 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
	Turbo Machine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		6
	Gas and steam turbines	<input type="checkbox"/>	<input checked="" type="checkbox"/>		7
	Fluid mechanics and hydraulic machine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3
	Thermotechnica	<input type="checkbox"/>	<input checked="" type="checkbox"/>		9
	Technology of material	<input type="checkbox"/>	<input checked="" type="checkbox"/>		4
	Machine manufacturing technology	<input type="checkbox"/>	<input checked="" type="checkbox"/>		6
	Machine tools and cutting manufacturing	<input type="checkbox"/>	<input checked="" type="checkbox"/>		5
Total:					40

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
	Macchine		9
	Fisica Tecnica		12
	Tecnologia Meccanica		9



			Total: 30
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The student, the sending and the receiving institutions confirm that they approve the proposed amendments to the mobility programme.

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

**RESPONSIBLE PERSONS**

**Mobility Tutor**

Name:

Vincenzo Nigullì

E-mail:

vincenzo.nigullì@unipa.it

Signature:

*[Handwritten signature]*

**The student**

Student's signature

*[Handwritten signature]*

Date: 20/12/17

**The sending institution**

Responsible person's signature

*[Handwritten signature]*

Date: 11/01/2018

**The receiving institution**

Responsible person's signature

prof. Lidia GAIGINSETTI

Date: 16.01.2018

prof. Sabina SĂRULEANU  
Erasmus Institute oval

Univ. Tehnică "Gheorghe Asachi" din Iași  
Biroul Relații Inter-naționale  
16. IAN. 2018  
Certificăm în conformitate cu realitatea,  
autenticitatea și legalitatea  
Prof. Sabina SĂRULEANU  
Coordinator

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

**New responsible person in the sending institution:**

Name:

Function:

Phone number:

E-mail:

**New responsible person in the receiving institution:**

Name:

Function:

Phone number:

E-mail:



"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: 2017/2018

### NAME OF SENDING INSTITUTION

Universita degli Studi di Palermo, Italy

Name of Student: **SANTI PROVENZANO**

(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: [lidiaqaiginschi@yahoo.com](mailto:lidiaqaiginschi@yahoo.com)

No.	Course title	Name of the professor	Date	Credits	Mark (RO)
1.	Electrochemistry and Corrosion	Căilean Adrian	2018	3	10
2.	Chimie anorganică	Sutiman Daniel	2018	9	10
3.	Physical Chemistry I	Lisa Gabriela	2018	5	10
4.	Electrotechnics and Electric Machines	Carmen Cojocaru Filipiuc	2018	4	10
5.	Physics I	Agop Marcel	2018	3	10
6.	Physics II	Agop Marcel	2018	3	10
7.	Transmission and distribution of electric energy	Neagu Bogdan	2018	4	10
8.	Theoretical Mechanics II	Ibănescu Radu	2018	3	10
9.	Theoretical Mechanics I	Daniel Condurache	2018	6	10
10.	Thermotechnica I+II	Popescu Aristotel	2018	9	10
11.	Technology of Material	Costica Bejenariu	2018	4	10
12.	Gas and Steam Turbines	Bogdan Horbaniuc	2018	7	10
13.	Fluid Mechanics and Hydraulic Machines	Dan Scurtu	2018	3	8
14.	Turbo Machines	Vlad Homutescu	2018	6	10
15.	Machine Tools and Cutting Manufacturing	Irina Cozminca	2018	5	10
16.	Machine Manufacturing Technology	Laurentiu Slatineanu	2018	6	10
				80	
				ECTS	

Professor Dan CAȘCAVAL, Ph.D

RECTOR



Stamp of Institution

STUDENTE VISITING	Univ.osp.	Insegnamenti superati	CFU	Voto ECTS	Insegnamenti corrispondenti	CFU	Voto
<b>PROVENZANO Santi</b>	IASI	Gas and Steam turbines	7	10	Macchine	9	29
		Turbomachines	6	10			
		Fluid mechanics and hydraulics machines	3	8			
		Electrotechnics and Electric Machines	4	10	Elettrotecnica	9	30
		Trasmission and distribution of electric energy	4	10			
		Physics I	3	10	Fisica 2	6	30
		Physics II	3	10			
		Theoretical Mechanics I	6	10	Fisica 1	9	30
		Theoretical Mechanics II	3	10			
		Machine Tools and Cutting Manufacturing	5	10	Tecnologia meccanica	9	30

		Technology of Material	4	10			
		Machine Manufacturing Technology	6	10			
		Thermotechnica I+II	9	10	Fisica Tecnica	12	30
		Electrochemistry and Corrosion	3	10	Chimica	9	30
		Inorganic Chemistry	9	10			
		Physical Chemistry I	5	10			

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 Transcript of Records con la conversione in trentesimi dei voti riportati nell'ambito della **Visiting Student Mobility** dallo studente **LATINO Cosimo** ad **IASI**. Il tutto in conformità a quanto segue:

## VISITING STUDENT MOBILITY LEARNING AGREEMENT FOR STUDIES

### The Student

Last name (s)	Latino	First name (s)	Cosimo
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	<a href="mailto:Latinojr.94@outlook.it">Latinojr.94@outlook.it</a>

### 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	<a href="mailto:Sonia.valentino@unipa.com">Sonia.valentino@unipa.com</a> +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	<a href="mailto:Paulbarsanescu@yahoo.com">Paulbarsanescu@yahoo.com</a>

## 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>Theoretical mechanics I</i>		6
	<i>Theoretical mechanics II</i>		3
	<i>Physics I</i>		3
	<i>Physics II</i>		3
	<i>Physical chemistry I</i>		5
	<i>Electrochemistry and corrosion</i>		3
	<i>Inorganic chemistry</i>		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
	<i>Elettrotecnica</i>		9
	<i>Fisica 1</i>		9
	<i>Fisica 2</i>		6
	<i>Chimica</i>		9



UNIVERSITÀ  
DELLA  
PALERMO

Higher Education  
Learning Agreement form  
Student's name

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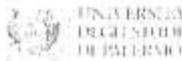
If the student does not complete successfully some educational components, the following provisions will apply:

*[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: 12/27/17

**The receiving institution**

Responsible person's signature:

Date: 24.07.2017

prof. Sabina SĂRULEANU  
Erasmus institutional coordinator

Certificat în privința realității,  
regulărității și legalității  
Prof. Sabina SĂRULEANU



*V. Grillo*

## Section to be completed DURING THE MOBILITY

### CHANGES TO THE ORIGINAL LEARNING AGREEMENT

#### 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
✓	Turbo Machine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		6
✓	Gas and steam turbines	<input type="checkbox"/>	<input checked="" type="checkbox"/>		7
✓	Fluid mechanics and hydraulic machine	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3
✓	Thermotechnica	<input type="checkbox"/>	<input checked="" type="checkbox"/>		9
✓	Technology of material	<input type="checkbox"/>	<input checked="" type="checkbox"/>		4
✓	Machine manufacturing technology	<input type="checkbox"/>	<input checked="" type="checkbox"/>		6
✓	Machine tools and cutting manufacturing	<input type="checkbox"/>	<input checked="" type="checkbox"/>		5
					Total: 40

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
	Macchine		9
	Fisica Tecnica		12
	Tecnologia Meccanica		9



Higher Education  
Learning Agreement form  
Student's name

			Total: 30
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The student, the sending and the receiving institutions confirm that they approve the proposed amendments to the mobility programme.

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

**RESPONSIBLE PERSONS**

**Mobility Tutor**

Name: Vincenzo Nigelli *Vincenzo Nigelli*

E-mail: *Vincenzo.nigelli@unipa.it* Signature: *[Signature]*

**The student**  
Student's signature *[Signature]* Date *20.12.2017*

**The sending institution**  
Responsible person's signature *[Signature]* Date: *[Signature]*

**The receiving institution**  
Responsible person's signature *[Signature]* Date: *16.01.2018*

*prof. Lidia GARGIUSCĂ, PhD*  
*prof. Samira SARULEANU*  
Erasmus Institutional Coordinator  
*[Stamp: Universitatea Tehnică "Gheorghe Asachi" din Iași, Facultatea de Inginerie, Departamentul de Inginerie Internațională, 16. IAN. 2018]*

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

**New responsible person in the sending institution:**  
Name: \_\_\_\_\_ Function: \_\_\_\_\_  
Phone number: \_\_\_\_\_ E-mail: \_\_\_\_\_

**New responsible person in the receiving institution:**  
Name: \_\_\_\_\_ Function: \_\_\_\_\_  
Phone number: \_\_\_\_\_ E-mail: \_\_\_\_\_



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

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

Tel./Fax + 40 232 278 626  
 E-mail: international@tulasi.ro



## Transcript of Records

**Academic year: 2017/2018**

**NAME OF SENDING INSTITUTION**

Universita degli Studi di Palermo, Italy

Name of Student: **LATINO COSIMO**

(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](mailto:lidiagaiginschi@yahoo.com)

No.	Course title	Name of the professor	Date	Credits	Mark (RO)
1.	Electrochemistry and Corrosion	Căilean Adrian	2018	3	10
2.	Chimie anorganică	Sutiman Daniel	2018	9	10
3.	Physical Chemistry I	Lisa Gabriela	2018	5	10
4.	Electrotechnics and Electric Machines	Carmen Cojocaru Filipiuc	2018	4	10
5.	Physics I	Agop Marcel	2018	3	10
6.	Physics II	Agop Marcel	2018	3	10
7.	Transmission and distribution of electric energy	Neagu Bogdan	2018	4	10
8.	Theoretical Mechanics II	Ibănescu Radu	2018	3	10
9.	Theoretical Mechanics I	Daniel Condurache	2018	6	10
10.	Thermotechnica I+II	Popescu Aristotel	2018	9	10
11.	Technology of Material	Costica Bejenariu	2018	4	10
12.	Gas and Steam Turbines	Bogdan Horbaniuc	2018	7	10
13.	Fluid Mechanics and Hydraulic Machines	Dan Scurtu	2018	3	8
14.	Turbo Machines	Vlad Homutescu	2018	6	10
15.	Machine Tools and Cutting Manufacturing	Irina Cozminca	2018	5	10
16.	Machine Manufacturing Technology	Laurentiu Slatineanu	2018	6	10
				<b>80</b>	
				<b>ECTS</b>	

**Professor Dan CAȘCAVAL, Ph.D**

**RECTOR**



STUDENTE VISITING	Univ.osp.	Insegnamenti superati	CFU	Voto ECTS	Insegnamenti corrispondenti	CFU	Voto
<b>LATINO Cosimo</b>	IASI	Gas and Steam turbines	7	10	Macchine	9	29
		Turbomachines	6	10			
		Fluid mechanics and hydraulics machines	3	8			
		Electrotechnics and Electric Machines	4	10	Elettrotecnica	9	30
		Trasmission and distribution of electric energy	4	10			
		Physics I	3	10	Fisica 2	6	30
		Physics II	3	10			
		Theoretical Mechanics I	6	10	Fisica 1	9	30
		Theoretical Mechanics II	3	10			
		Machine Tools and Cutting Manufacturing	5	10	Tecnologia meccanica	9	30

		Technology of Material	4	10			
		Machine Manufacturing Technology	6	10			
		Thermotechnica I+II	9	10	Fisica Tecnica	12	30
		Electrochemistry and Corrosion	3	10	Chimica	9	30
		Inorganic Chemistry	9	10			
		Physical Chemistry I	5	10			

Il consiglio approva, all'unanimità e seduta stante.

Il prof. Nigrelli, in considerazione del precedente LA approvato allo studente, propone di approvare:

- il Transcrip of Records con la conversione in trentesimi dei voti riportati nell'ambito della **Visiting Student Mobility** dallo studente **LAURINO Giuseppe** presso l'Escuela Politecnica De Ingenieria de Gijon dell'Università di **OVIEDO**. Il tutto in conformità a quanto segue:

**ECTS - European Credit Transfert System - Sistema Europeo de Transferencia de Créditos**  
**Transcript of Records – Certificado de Notas**

Family Name of student - <i>Apellidos del Estudiante</i> : LAURINO	Nationality - <i>Nacionalidad</i> : ITALIA
First Name - <i>Nombre</i> : GIUSEPPE	
Host Institution - <i>Institución de Acogida</i> : UNIVERSIDAD DE OVIEDO	
Born on - <i>Fecha Nacimiento</i> : ITALIA 29-03-1992	Passport - <i>Pasaporte</i> : AX2552697
Institutional Coordinator - <i>Coordinador Institucional</i> : FRANCISCO JOSÉ BORGE LÓPEZ	
Email: inter.incoming@uniovi.es	
Study period at the University of Oviedo - <i>Periodo de estudios en la Universidad de Oviedo</i> : ANUAL 2017/2018	

Course Code <i>Código de la asignatura (1)</i>	Title of Course <i>Título de la Asignatura</i>	Duration of Course <i>Duración del Curso (2)</i>	Local Grade <i>Calificación Local (3)</i>	ECTS Grade <i>Calificación ECTS (4)</i>	ECTS Credits <i>Créditos ECTS (5)</i>
GIMECA01-4-003	Ingeniería de Vehículos	1S	0.0 : N.P.	0.0 -	0.0
GIMECA01-4-004	Mantenimiento de Máquinas	1S	7.6 : NT.	7.6 82.70%	6.0
GIMECA01-4-009	Refrigeración y Climatización	1S	0.0 : N.P.	0.0 -	0.0
GIMECA01-4-012	Diseño de Sistemas Mecánicos	1S	9.1 : SB.	9.1 96.08%	6.0
GIMECA01-4-017	Ingeniería de Calidad	1S	8.0 : NT.	8.0 87.81%	6.0
<b>ECTS total credits - <i>Total Créditos ECTS</i>:</b>					<b>18.0</b>

(1) (2) (3) (4) (5): see explanations on back page- *veáanse explicaciones al dorso*

Date - *Fecha*:  
10-07-2018

Signature of Institutional Coordinator:  
*Firma del Coordinador Institucional*:



Stamp of institution:  
*Sello de la Institución*:



VB: This document is not valid without the signature of the administration officer and the official stamp of the institution.

ECTS - European Credit Transfert System - Sistema Europeo de Transferencia de Créditos  
Transcript of Records – Certificado de Notas

Name of sending institution – *Nombre de institución de origen*: UNIVERSITÀ DEGLI STUDI DI PALERMO  
Address – *Dirección Postal*: PIAZZA MARINA, 61  
Faculty/Department- *Facultad / Departamento*:  
Institutional Coordinator - *Coordinador Institucional*: VINCENZO NIGRELLI  
Tel: +39-091-6657148 Email: vincenzo.nigrelli@unipa.it

EXPLANATIONS - See Transcript of records on back page

(1) - Course code:

Refer to the ECTS Information Package

(2) - Duration of course:

xH = X hours - *X horas*; xW = X weeks - *X semanas*; xS = X semesters- *X semestres*

(3) - Description of the institutional grading system:

	NP	Absent – <i>No presentado</i>
< 5	SS	Fail – <i>Suspenso</i> . Further work is required before the credit can be awarded
5.0 - 5.9	AP	Sufficient – <i>Suficiente</i> . Performance meets the minimum criteria
6.0 - 6.9	AP	Satisfactory – <i>Satisfactorio</i> . Fair but with significant shortcomings
7.0 - 7.9	NT	Good – <i>Bien</i> . Generally sound work with a number of notable errors
8.0 - 8.9	NT	Very Good – <i>Muy bien</i> . Above the average standard but with some errors
9.0 - 10	SB	Excelent – <i>Excelente</i> . Outstanding performance with only minor errors
9.0 - 10 MH	MH	Excelent with Honors – <i>Matrícula de Honor</i> . Outstanding performance with only minor errors. Only 5% of outstanding students are granted with Honors

(4) - ECTS grading scale – *Escala ECTS* :

The first number indicates the ECTS grade, and the number in percent indicates the rank of the student in the exam (students with the same rank or less) according to the table below - *El primer número indica la calificación ECTS, y el porcentaje indica el percentil correspondiente a la nota del estudiante (alumnos con esa nota o menor), según la tabla que se muestra más abajo*

Statistics from the last 2 years in each of the studies attended by the student at the University of Oviedo. For each study it is indicated:

studt = total number of students in the rank; rank: percent of students with the indicated Grade, and percent of students with the same Grade or less

*Estadísticas de los dos últimos años en cada uno de los estudios cursados por el estudiante en la Universidad de Oviedo. Para cada estudio se indica:*

*studt = total de estudiantes en el rango; rank: porcentaje de estudiantes con la Calificación indicada, y porcentaje de estudiantes con la misma Calificación o menor*

ECTS Grade Calificación ECTS	Studies - Estudios										
	GIMECA01 Grado en Ingeniería Mecánica										
	studt.	rank		studt.	rank	studt.	rank	studt.	rank	studt.	rank
5.0 - 5.9	1673	43.39%	43.39%								
6.0 - 6.9	839	23.14%	66.54%								
7.0 - 7.9	689	19.01%	85.54%								
8.0 - 8.9	264	7.28%	92.83%								
9.0 - 10	218	6.01%	98.84%								
9.0 - 10 MH	42	1.16%	100.00%								

(5) - ECTS Credits – *Créditos ECTS* :

1 Full Academic Year- *1 Año académico completo*:

60 credits – *60 créditos*

1 Semester – *1 Semestre*:

30 credits – *30 créditos*

STUDENTE VISITING	Univ.osp.	Insegnamenti superati	CFU	Voto ECTS	Insegnamenti corrispondenti	CFU	Voto
<b>LAURINO Giuseppe</b>	OVIEDO	Mantenimiento de Máquinas	6	C	Controllo di qualità e manutenzione	12	25
		Ingeniería de Calidad	6	C			
		Diseño de Sistemas Mecánicos	6	B	GRUPPO DI ATTIV. FORM. OPZIONALI II:17603-PROGETTAZIONE INDUSTRIALE E TECNICHE CAD	6	28

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 Transcript of Records con la conversione in trentesimi dei voti riportati nell'ambito della **Visiting Student Mobility** dallo studente **RAIA Lorenzo** ad **IASI**. Il tutto in conformità a quanto segue:

V. Raia



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UNIVERSITÀ  
DEGLI STUDI  
DI PALERMO

Higher Education  
Learning Agreement form

## LEARNING AGREEMENT FOR STUDIES

### The Student

Last name (s)	Raia	First name (s)	Lorenzo
Date of birth	06/01/1996	Nationality	Italia
Sex [M/F]	M	Academic year	2016/2017
Study cycle	1	Subject area, Code	
Phone	3806303511	E-mail	lorenzo.raia@ community.unipa.it
Corso di Studio	Ingegneria	Classe di Laurea	
Numero di matricola	0629168		

### The Sending Institution

Name	Università degli Studi Palermo	School	Politecnica
Erasmus code (if applicable)	I PALERMO01	Department	DICGIM
Address	Viale delle Scienze Edificio 8	Country, Country code	Italy
Contact person name		Contact person e-mail / phone	

### 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
Contact person name	Prof. Paul Barsanescu	Contact person e-mail / phone	paulbarsanescu@yahoo.com

**Student Name\* : Lorenzo Raia** \_\_\_\_\_

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

2



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DEGLI STUDI  
DI PALERMO

Higher Education  
Learning Agreement form

	<i>Tecnologia Meccanica</i>		9
			<i>Total: 27</i>

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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DEGLI STUDI  
DI PALERMO

Higher Education  
Learning Agreement form

Student Name\*: LORENZO RAIÀ

\*mandatory field

**II. RESPONSIBLE PERSONS**

**Departmental Coordinator of the Interinstitutional Agreement**

Name:

E-mail: vincenzo.mignella@unipa.it

Signature: [Signature]

**Responsible person in the sending institution:**

Name: ANTONINO PASTA

Function: Course of Study Coordinator

Phone number: 5208242272

E-mail: antonino.pasta@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

[Signature]

Date:

**The sending institution**

Responsible person's signature

[Signature]

Date:

**The receiving institution**

Responsible person's signature

Date:

V. Caruso

V. Allegretti Ferrarise Ferravolo  
Prof. Dr. Paolo



Erasmus+

Higher Education  
Learning Agreement form

### Section to be completed DURING THE MOBILITY

#### CHANGES TO THE ORIGINAL LEARNING AGREEMENT

##### The Student

Last name (s)	Rala	First name (s)	Lorenzo
Corso di Studio	Ing. Meccanica	Classe di Laurea	2055
Numero di matricola	0629168		

#### 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
	Strenght of material 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>		8
	Strenght of material 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>		5
	Tecnology of material	<input checked="" type="checkbox"/>	<input type="checkbox"/>		4
	Machine manufacturing tecnology	<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"/>		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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DEGLI STUDI  
DI PALERMO

Higher Education  
Learning Agreement form

**Student Name\*:** Raia Lorenzo

\*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* @unipa.it *Vincenzo NIGRELLI*

E-mail: \_\_\_\_\_ Signature: *[Signature]*

**The student** Raia Lorenzo  
Student's signature *Raia Lorenzo* Date: 26/10/2016

**The sending institution**  
Responsible person's signature *[Signature]* Date: 28/03/2017

*prof. Lidia GAI'GIUSCETI, PhA*

**The receiving institution**  
Responsible person's signature *[Signature]* Date: 19.12.2016

*prof. Sabina SĂRULEANU*  
*Erasmus Institutional Coordinator*

Stamp: *Certificat în privința realității, regularității și legalității Prof. Sabina SĂRULEANU*

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

**New responsible person in the sending institution:**  
Name: \_\_\_\_\_ Function: Course of Study Coordinator  
Phone number: \_\_\_\_\_ E-mail: \_\_\_\_\_

**New responsible person in the receiving institution:**  
Name: \_\_\_\_\_ Function: \_\_\_\_\_  
Phone number: \_\_\_\_\_ E-mail: \_\_\_\_\_

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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@tulasi.ro



### Transcript of Records

2016/17  
*M. Cozma*

Academic year: 2016/2017

**NAME OF SENDING INSTITUTION**

Universita degli studi di Palermo, Italy  
Name of Student: **Lorenzo Raia**  
(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: lidia.gaiginschi@yahoo.com

No.	Course title	Name of the professor	Date	Credits	Mark (RO)
1.	Strength of Materials 1	Paul Barsanescu	2017	8	10 A 30
2.	Strength of Materials 2	Paul Barsanescu	2017	5	8 C 25
3.	Turbomachines	Vlad Mario Homutescu	2017	6	9 B 28
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 D 22
				<b>37</b>	<b>ECTS</b>

112 = Scienze della Costruzione: 28  
586 = Elettrotecnica: 28  
Professor Dan CAȘCAVAL, Ph.D

*[Signature]*

RECTOR

*[Signature]*

3 he 7 = Macchine 27

Stamp of Institution



STUDENTE VISITING	Univ.osp.	Insegnamenti superati	CFU	Voto ECTS	Insegnamenti corrispondenti	CFU	Voto
<b>RAIA Lorenzo</b>	IASI	Strength Materials 1 of	8	10	Scienza delle costruzioni	9	28
		Strength Materials 2 of	5	8			
		Gas and Steam Turbines	7	9	Macchine	9	27
		Turbomachines	6	9			
		Fluid mechanics and hydraulics machines	3	7			
		Electrotechnics and Electric Machines	4	9	Elettrotecnica	9	28
		Trasmission and distribution of electric energy	4	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 Transcript of Records con la conversione in trentesimi dei voti riportati nell'ambito della **Visiting Student Mobility** dallo studente **GROVA Gaetano** ad IASI. Il tutto in conformità a quanto segue:



Higher Education  
Learning Agreement form  
Student's name

GAETANO LUBLINGO

3881604124

## VISITING STUDENT MOBILITY LEARNING AGREEMENT FOR STUDIES

### The Student

Last name (s)	GROVA	First name (s)	GAETANO
Date of birth	14/05/1995	Nationality	ITALIAN
Sex [M/F]	M	Academic year	2017/2018
Study cycle	BACHELOR	Subject area, Code	MECHANICAL ENGINEERING,2055
Phone	+39 3881604124	E-mail	grovagaetano@gmail

### 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@gmail.com

### 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	paulbarsanescu@yahoo.com



## 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>	<i>1SM</i>	6
	<i>Gas and steam turbines</i>	<i>1SM</i>	7
	<i>Fluids mechanics andhydraulic machine</i>	<i>1SM</i>	3
	<i>Thermotechnica</i>	<i>1SM</i>	9
	<i>Theoretical mechanics I</i>	<i>1SM</i>	6
	<i>Theoretical mechanics II</i>	<i>1SM</i>	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.

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.]



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DI PALERMO

Higher Education  
Learning Agreement form  
*Student's name*

**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:

E-mail:

Vincenzo.ingulli@unipa.it

Signature:

*Vincenzo Ingulli*

**Responsible person in the sending institution:**

Name: LEONARDO D'ACQUISTO

Phone number: +39 09123897259

Function: COORDINATOR OF MECH. ENG. DEGREE

E-mail: LEONARDO.DACQUISTO@UNIPA.IT

**Responsible person in the receiving institution:**

Name:

Phone number:

Function:

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

*Goeta o Grano*

Date:

29/09/2017

**The sending institution**

Responsible person's signature

*L. D'Acquisto*

Date:

02/10/2017

**The receiving institution**

Responsible person's signature

Date:

*[Handwritten marks]*



## Section to be completed DURING THE MOBILITY

### CHANGES TO THE ORIGINAL LEARNING AGREEMENT

#### 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 <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
	PHYSICS 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3
	PHYSICS 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3
	TRASMISSION AND DISTRIBUTION OF ELETTRIC ENERGY		<input checked="" type="checkbox"/>		4
	ELECTROTECHIS AND ELECTRIC MACHINES		<input checked="" type="checkbox"/>		4
	STRENGHT OF MATERIAL 1		<input checked="" type="checkbox"/>		8
	STRENGHT OF MATERIAL 2		<input checked="" type="checkbox"/>		5
	TECHNOLOGY OF MATERIAL		<input checked="" type="checkbox"/>		4
	MACHINE MANUFACTURING TECHNOLOGY		<input checked="" type="checkbox"/>		6
	MACHINE TOOLS AND CUTTING MANUFACTURING		<input checked="" type="checkbox"/>		5
			<input checked="" type="checkbox"/>		
			<input checked="" type="checkbox"/>		



					Total: .....42.....

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
FISICA 2		<input type="checkbox"/>	X		6
ELETTROTECNICA			X		9
SCIENZA DELLE COSTRUZIONI			X		9
TECNOLOGIA MECCANICA			X		9
			<del>⊗</del>		
		<input type="checkbox"/>	<del>⊗</del>		
					Total: .....33...

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

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

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



**RESPONSIBLE PERSONS**

**Mobility Tutor**

Name:

E-mail:

Signature: \_\_\_\_\_

<b>The student</b>
Student's signature <i>Giuseppe Grano</i> Date: <i>15/11/2017</i>

<b>The sending institution</b>
Responsible person's signature Date:

<b>The receiving institution</b>
Responsible person's signature Date:

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

<b>New responsible person in the sending institution:</b>	
Name:	Function:
Phone number:	E-mail:

<b>New responsible person in the receiving institution:</b>	
Name:	Function:
Phone number:	E-mail:

## Section to be completed AFTER THE MOBILITY

### RECOGNITION OUTCOMES

#### I. MINIMUM INFORMATION TO INCLUDE IN THE RECEIVING INSTITUTION'S TRANSCRIPT OF RECORDS

Start and end dates of the study period: from [day/month/year] till [day/month/year].

Table E: academic outcomes at receiving institution

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Was the component successfully completed by the student? [Yes/No]	Number of ECTS credits	Receiving institution grade
			Total:	

[Signature of responsible person in receiving institution and date]

#### II. MINIMUM INFORMATION TO INCLUDE IN THE SENDING INSTITUTION'S TRANSCRIPT OF RECORDS

Start and end dates of the study period: from [day/month/year] till [day/month/year].

Table F: recognition outcomes at the sending institution

Component code (if any)	Title of recognised component (as indicated in the course catalogue) at the sending institution	Number of ECTS credits	Sending institution grade, if applicable
		Total:	

[Signature of responsible person in sending institution and date]



## Section to be completed DURING THE MOBILITY

### CHANGES TO THE ORIGINAL LEARNING AGREEMENT

#### 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 <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
CE219	Land practical	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3
CE216	Surveying training		<input checked="" type="checkbox"/>		3
	Surveying				
Total:					6

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
07626	TOPOGRAFIA(MATEMATICA A SCELTA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		6
Total: .....					6.....

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

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

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

## II. RESPONSIBLE PERSONS

### Mobility Tutor

Name: *Vincenzo Nigrelli*

E-mail: *vincenzo.nigrelli@unipa.it*

Signature: *[Signature]* 08/01/2018

#### 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

*Gastano Grovo*

Date:

#### The sending institution

Responsible person's signature

Date:

#### The receiving institution

Responsible person's signature

Date:



**"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@tulasi.ro



## Transcript of Records

**Academic year: 2017/2018**

**NAME OF SENDING INSTITUTION**

Universita degli Studi di Palermo, Italy

Name of Student: **GROVA GAETANO**

(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](mailto:lidiagaiginschi@yahoo.com)

No.	Course title	Name of the professor	Date	Credits	Mark (RO)
1.	Physics I	Agop Marcel	2018	3	10
2.	Physics II	Agop Marcel	2018	3	10
3.	Gas and Steam turbines	Horbaniluc Bogdan	2018	7	10
4.	Turbo Machine	Homutescu Vlad Mario	2018	6	10
5.	Transmission distribution of electric energy	Neagu Bogdan	2018	4	10
6	Electrotechnics and Electric Machines	Carmen Cojocaru Filipiuc	2018	4	9
7	Theoretical Mechanics II	Ibănescu Radu	2018	3	10
8	Strength of Materials 1	Barsanescu Paul	2018	8	8
9	Strength of Materials 2	Barsanescu Paul	2018	5	9
10	Thermotechnica I+II	Popescu Aristotel	2018	9	10
11	Theoretical Mechanics I	Daniel Condurache	2018	6	10
12	Machine Tools and Cutting Manufacturing	Irina Cozminca	2018	5	10
13	Technology of Material	Costica Bejenariu	2018	4	10
14	Fluid Mechanics and Hydraulic Machines	Dan Scurtu	2018	3	10
15	Surveying	Sandulache Gabriel	2018	3	10
16	Land Surveying Practical Training	Sandulache Gabriel	2018	3	10
17	Machine Manufacturing Technology	Laurentiu Slatineanu	2018	6	10
				<b>82</b>	<b>ECTS</b>

**Professor Dan CAȘCAVAL, Ph.D**

**RECTOR**



Stamp of Institution

STUDENTE VISITING	Univ.osp.	Insegnamenti superati	CFU	Voto ECTS	Insegnamenti corrispondenti	CFU	Voto
<b>GROVA Gaetano</b>	IASI	Gas and Steam turbines	7	10	Macchine	9	30
		Turbomachines	6	10			
		Fluid mechanics and hydraulics machines	3	10			
		Electrotechnics and Electric Machines	4	9	Elettrotecnica	9	29
		Trasmission and distribution of electric energy	4	10			
		Physics I	3	10	Fisica 2	6	30
		Physics II	3	10			
		Surveying	3	10	Topografia	6	30
		Land Surveying Practical Training	3	10			
			6	10	Fisica 1	9	30

		Theoretical Mechanics I					
		Theoretical Mechanics II	3	10			
		Strength Materials 1	of 8	8	Scienza delle costruzioni	9	26
		Strength Materials 2	of 5	9			
		Thermotechnica I+II	9	10	Fisica Tecnica	12	30
		Machine Tools and Cutting Manufacturing	5	10			
		Technology Material	of 4	10	Tecnologia meccanica	9	30
		Machine Manufacturing Technology	6	10			

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 Transcript of Records con la conversione in trentesimi dei voti riportati nell'ambito della **Visiting Student Mobility** dallo studente **PIAZZA Calogero Domenico** ad IASI. Il tutto in conformità a quanto segue:

*Received at Palermo  
 04/07/2017  
 Prof. Vincenzo Nigrelli  
 Dipartimento di Ingegneria Meccanica*



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)	PIAZZA	First name (s)	CALOGERO DOMENICO <i>X</i>
Date of birth	04/07/1995	Nationality	ITALIAN
Sex [M/F]	M	Academic year	2017/2018 <i>Per l'anno</i>
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. <i>di dia</i> GARIGINESCU, PhD	Contact person e-mail / phone	<i>ldia@igigiu.ro</i> @yahoo.com



## 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>8/</i>
	<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.

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.]



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DI PALERMO

Higher Education  
Learning Agreement form  
*Student's name*

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: [Signature]

**Responsible person in the sending institution:**

Name: LEONARDO DIACQUISTO

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

[Signature]

Date: 07/06/2017

**The sending institution**

Responsible person's signature

[Signature]

Date: 14/07/2017

**The receiving institution**

Responsible person's signature

[Signature]

Università degli Studi di Palermo  
Facoltà di Lettere e Scienze  
Dipartimento di Lettere e Scienze  
Date: 5.09.2017

prof. Sabina SARACENI  
Erasmus institutions coordinator

06. SEP. 2017

Certificat de autentificare a rezultatului  
negotiatului Erasmus  
Prof. Sabina Saraceni

## Section to be completed DURING THE MOBILITY

### CHANGES TO THE ORIGINAL LEARNING AGREEMENT

#### 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 <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
	PHYSICS 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3
	PHYSICS 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3
	TRASMISSION AND DISTRIBUTION OF ELETTRIC ENERGY		<input checked="" type="checkbox"/>		4
	ELECTROTECHNICS AND ELECTRIC MACHINES		<input checked="" type="checkbox"/>		4
	STRENGTH OF MATERIAL 1		<input checked="" type="checkbox"/>		8
	STRENGTH OF MATERIAL 2		<input checked="" type="checkbox"/>		5
	INORGANIC CHEMISTRY		<input checked="" type="checkbox"/>		9
	PHYSICAL CHEMISTRY 1		<input checked="" type="checkbox"/>		5
	ELECTROCHEMISTRY AND CORROSION		<input checked="" type="checkbox"/>		3

					Total: .....44.....

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
FISICA 2		<input type="checkbox"/>	<input checked="" type="checkbox"/>		6
ELETTROTECNICA			<input checked="" type="checkbox"/>		9
SCIENZA DELLE COSTRUZIONI			<input checked="" type="checkbox"/>		9
CHIMICA			<input checked="" type="checkbox"/>		9
		<input type="checkbox"/>	<input type="checkbox"/>		
					Total: .....33...

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

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

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



**RESPONSIBLE PERSONS**

**Mobility Tutor**

Name:

E-mail:

*Mucchio.muffell@unipa.it*

Signature:

**The student**

Student's signature

*Calapina Diana*

Date:

*15/11/17*

**The sending institution**

Responsible person's signature

*[Signature]*

Date:

*15/11/17*

**The receiving institution**

Responsible person's signature

*prof. Lidia GAIGINSCA*

Date:

*22.11.17*

*prof. Sabina SĂRULEANU  
Erasmus Institutional Coordinator*

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

**New responsible person in the sending institution:**

Name:

Function:

Phone number:

E-mail:

*22. NOV. 2017*

**New responsible person in the receiving institution:**

Name:

Function:

Phone number:

E-mail:

Universitatea Tehnică "Gheorghe Asachi" din Iași  
Biroul Relații Internaționale  
Certificat în privința realizării,  
regularității și legalității  
Prof. Sabina SĂRULEANU

## Section to be completed DURING THE MOBILITY

### CHANGES TO THE ORIGINAL LEARNING AGREEMENT

#### 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 <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
CE219	Land practical	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3
CE216	Surveying training		<input checked="" type="checkbox"/>		3
	Surveying		<input checked="" type="checkbox"/>		
					Total: 6

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
07626	TOPOGRAFIA (MATERIA A SCELTA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		6
					Total: .....6.....

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

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

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



**II. RESPONSIBLE PERSONS**

**Mobility Tutor**

Name: *Vincenzo Nigelli*  
E-mail: *Vincenzo.nigelli@unipa.it*

Signature: *[Signature]* Date: *09/01/2018*

<b>Responsible person in the sending institution:</b>	
Name:	Function:
Phone number:	E-mail:

<b>Responsible person in the receiving institution:</b>	
Name: <i>GAIGINSCHI Lidia</i>	Function: <i>ERASMUS COORD.</i>
Phone number:	E-mail: <i>15.01.2018</i>

*prof. Sabina SĂRULEANU*  
*Erasmus Institutional Coordinator* *[Signature]*

**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.

<b>The student</b>	
Student's signature <i>[Signature]</i>	Date:

<b>The sending institution</b>	
Responsible person's signature <i>[Signature]</i>	Date: <i>29.01.2017</i>

<b>The receiving institution</b>	
Responsible person's signature <i>[Signature]</i>	Date: <i>15.01.2018</i>



*prof. Sabina SĂRULEANU*  
*Erasmus Institutional Coordinator* *[Signature]*

## Section to be completed AFTER THE MOBILITY

### RECOGNITION OUTCOMES

#### I. MINIMUM INFORMATION TO INCLUDE IN THE RECEIVING INSTITUTION'S TRANSCRIPT OF RECORDS

Start and end dates of the study period: from [day/month/year] till [day/month/year].

Table E: academic outcomes at receiving institution

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Was the component successfully completed by the student? [Yes/No]	Number of ECTS credits	Receiving institution grade
			Total:	

[Signature of responsible person in receiving institution and date]

#### II. MINIMUM INFORMATION TO INCLUDE IN THE SENDING INSTITUTION'S TRANSCRIPT OF RECORDS

Start and end dates of the study period: from [day/month/year] till [day/month/year].

Table F: recognition outcomes at the sending institution

Component code (if any)	Title of recognised component (as indicated in the course catalogue) at the sending institution	Number of ECTS credits	Sending institution grade, if applicable
		Total:	

[Signature of responsible person in sending institution and date]



**"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](mailto:international@tuiasi.ro)



## Transcript of Records

**Academic year: 2017/2018**

**NAME OF SENDING INSTITUTION**

Universita degli Studi di Palermo, Italy

Name of Student: **Piazza Calogero Domenico**

(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: [lidiaqaiginschi@yahoo.com](mailto:lidiaqaiginschi@yahoo.com)

No.	Course title	Name of the professor	Date	Credits	Mark (RO)
1.	Physics I	Agop Marcel	2018	3	10
2.	Physics II	Agop Marcel	2018	3	10
3.	Turbomachinery (Steam and Gas turbines)	Horbanu Bogdan	2018	7	10
4.	Turbomachinery	Homutescu Vlad Mario	2018	6	10
5.	Transmission distribution of electric energy	Neagu Bogdan	2018	4	10
6.	Electrical Engineering and Electrical Machines	Carmen Cojocaru Filipciuc	2018	4	9
7.	Chimie fizică 1	Gabriela Lisa	2018	5	10
8.	Theoretical Mechanics II	Ibănescu Radu	2018	3	10
9.	Electrochemistry and Corrosion	Căilean Adrian	2018	3	10
10.	Inorganic Chemistry	Sutiman Daniel	2018	9	9
11.	Strength of Materials 1	Barsanescu Paul	2018	8	8
12.	Strength of Materials 2	Barsanescu Paul	2018	5	8
13.	Thermotechnica I+II	Popescu Aristotel	2018	9	10
14.	Theoretical Mechanics I	Daniel Condurache	2018	6	10
15.	Fluid Mechanics and Hydraulic Machines	Dan Scurtu	2018	3	10
16.	Surveying	Sandulache Gabriel	2018	3	10
17.	Land Surveying Practical Training	Sandulache Gabriel	2018	3	10
				<b>84</b>	
				<b>ECTS</b>	

Professor Dan CAȘCAVAL, Ph.D

RECTOR



Stamp of Institution

STUDENTE VISITING	Univ.osp.	Insegnamenti superati	CFU	Voto ECTS	Insegnamenti corrispondenti	CFU	Voto
<b>PIAZZA Calogero Domenico</b>	IASI	Gas and Steam turbines	7	10	Macchine	9	30
		Turbomachines	6	10			
		Fluid mechanics and hydraulics machines	3	10			
		Electrotechnics and Electric Machines	4	9	Elettrotecnica	9	29
		Trasmission and distribution of electric energy	4	10			
		Physics I	3	10	Fisica 2	6	30
		Physics II	3	10			
		Surveying	3	10	Topografia	6	30
		Land Surveying Practical Training	3	10			
		Theoretical Mechanics I	6	10	Fisica 1	9	30

		Theoretical Mechanics II	3	10			
		Strength of Materials 1	8	8	Scienza delle costruzioni	9	25
		Strength of Materials 2	5	8			
		Thermotechnica I+II	9	10	Fisica Tecnica	12	30
		Electrochemistry and Corrosion	3	10	Chimica	9	29
		Inorganic Chemistry	9	9			
		Physical Chemistry I	5	10			

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 Transcript of Records con la conversione in trentesimi dei voti riportati nell'ambito della **Visiting Student Mobility** dallo studente **GROVA Carmelo** ad **IASI**. Il tutto in conformità a quanto segue:

# VISITING STUDENT MOBILITY LEARNING AGREEMENT FOR STUDIES

Homeno  
Erasmus  
Lubliner (Bis)

## The Student

Last name (s)	GROVA	First name (s)	CARMELO
Date of birth	05/06/92	Nationality <sup>1</sup>	ITALIAN
Sex [M/F]	M	Academic year	2017/2018
Study cycle <sup>2</sup>	BACHELOR	Subject area, Code <sup>3</sup>	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 <sup>4</sup>	Italy
Contact person <sup>5</sup> 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 <sup>a</sup> 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>		<del>12</del> 9
	<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 competence<sup>7</sup> 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 person<sup>8</sup> in the sending institution:

Name:

Function: Vice dean

Phone number:

E-mail:

### Responsible person<sup>9</sup> 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:

14/07/2017

Departmental coordinator

Vice Dean

Date:	Date:
-------	-------

<b>The receiving institution</b> Responsible person's signature  Date:
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## Section to be completed DURING THE MOBILITY

### CHANGES TO THE ORIGINAL LEARNING AGREEMENT

#### 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 <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
	PHYSICS 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3
	PHYSICS 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>		3
	TRASMISSION AND DISTRIBUTION OF ELETTRIC ENERGY		<input checked="" type="checkbox"/>		4
	ELECTROTECHIS AND ELECTRIC MACHINES		<input checked="" type="checkbox"/>		4
	INORGANIC CHEMISTRY		<input checked="" type="checkbox"/>		9
	PHISICAL CHEMISTRY 1		<input checked="" type="checkbox"/>		5
	ELECTROCHEMISTRY AND CORROSION		<input checked="" type="checkbox"/>		3
	TECHNOLOGY OF MATERIAL		<input checked="" type="checkbox"/>		4
	MACHINE MANUFACTURING TECHNOLOGY		<input checked="" type="checkbox"/>		6
	MACHINE TOOLS AND CUTTING MANUFACTURING		<input checked="" type="checkbox"/>		5
	HIDRAULICA1 HIDRAULICA 2		<input checked="" type="checkbox"/>		4 5



					Total: 55

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
FISICA 2		<input type="checkbox"/>	<input checked="" type="checkbox"/>		6
ELETTROTECNICA			<input checked="" type="checkbox"/>		9
CHIMICA			<input checked="" type="checkbox"/>		9
TECNOLOGIA MECCANICA			<input checked="" type="checkbox"/>		9
MECCANICA DEI FLUIDI			<input checked="" type="checkbox"/>		6
		<input type="checkbox"/>	<input type="checkbox"/>		
					Total: .....39...

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

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

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



**RESPONSIBLE PERSONS**

**Mobility Tutor**

Name:

E-mail:

*marco.mignella@unipa.it*

Signature: \_\_\_\_\_

*[Handwritten signature]*

<b>The student</b>	
Student's signature <i>Carola Gore</i>	Date: <i>15/11/2017</i>

<b>The sending institution</b>	
Responsible person's signature	Date:

<b>The receiving institution</b>	
Responsible person's signature	Date:

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

<b>New responsible person in the sending institution:</b>	
Name:	Function: -
Phone number:	E-mail:

<b>New responsible person in the receiving institution:</b>	
Name:	Function:
Phone number:	E-mail:



## Section to be completed AFTER THE MOBILITY

### RECOGNITION OUTCOMES

#### I. MINIMUM INFORMATION TO INCLUDE IN THE RECEIVING INSTITUTION'S TRANSCRIPT OF RECORDS

Start and end dates of the study period: from *[day/month/year]* till *[day/month/year]*.

Table E: academic outcomes at receiving Institution

Component code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Was the component successfully completed by the student? [Yes/No]	Number of ECTS credits	Receiving institution grade
			Total:	

*[Signature of responsible person in receiving Institution and date]*

#### II. MINIMUM INFORMATION TO INCLUDE IN THE SENDING INSTITUTION'S TRANSCRIPT OF RECORDS

Start and end dates of the study period: from *[day/month/year]* till *[day/month/year]*.

Table F: recognition outcomes at the sending institution

Component code (if any)	Title of recognised component (as indicated in the course catalogue) at the sending institution	Number of ECTS credits	Sending institution grade, if applicable
		Total:	

*[Signature of responsible person in sending institution and date]*



"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: 2017/2018

### NAME OF SENDING INSTITUTION

Universita degli Studi di Palermo, Italy

Name of Student: **CARMELO GROVA**

(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: [lidiaqaiginschi@yahoo.com](mailto:lidiaqaiginschi@yahoo.com)

No.	Course title	Name of the professor	Date	Credits	Mark (RO)
1.	Hydraulics I	Marcoie Nicolae	2018	4	10
2.	Hydraulics II	Marcoie Nicolae	2018	5	10
3.	Physics I	Agop Marcel	2018	3	10
4.	Physics II	Agop Marcel	2018	3	10
5.	Gas and Steam Turbines	Bogdan Horbanuic	2018	7	10
6.	Turbo Machines	Viad Homutescu	2018	6	10
7.	Transmission and distribution of electric energy	Neagu Bogdan	2018	4	10
8.	Electrotechnics and Electric Machines	Carmen Cojocaru Filipiuc	2018	4	9
9.	Physical Chemistry I	Lisa Gabriela	2018	5	10
10.	Theoretical Mechanics II	Radu Ibanescu	2018	3	10
11.	Electrochemistry and Corrosion	Căilean Adrian	2018	3	10
12.	Chimie anorganică	Sutiman Daniel	2018	9	9
13.	Thermotechnica I+II	Popescu Aristotel	2018	9	10
14.	Theoretical Mechanics I	Daniel Condurache	2018	6	9
15.	Technology of Material	Costica Bejenariu	2018	4	10
16.	Fluid Mechanics and Hydraulic Machines	Dan Scurtu	2018	3	9
17.	Machine Manufacturing Technology	Laurentiu Slatineanu	2018	6	10
18.	Machine Tools and Cutting Manufacturing	Irina Cozminca	2018	5	10
				89	OBJECTS

Professor Dan CAȘCAVAL, Ph.D  
RECTOR



STUDENTE VISITING	Univ.osp.	Insegnamenti superati	CFU	Voto ECTS	Insegnamenti corrispondenti	CFU	Voto
<b>GROVA Carmelo</b>	IASI	Gas and Steam turbines	7	10	Macchine	9	30
		Turbomachines	6	10			
		Fluid mechanics and hydraulics machines	3	9			
		Electrotechnics and Electric Machines	4	9	Elettrotecnica	9	29
		Trasmission and distribution of electric energy	4	10			
		Physics I	3	10	Fisica 2	6	30
		Physics II	3	10			
		Hydraulics I	4	10	Meccanica dei fluidi	6	30
		Hydraulics II	5	10			
		Theoretical Mechanics I	6	9	Fisica 1	9	29
Theoretical Mechanics II	3	10					

		Machine Tools and Cutting Manufacturing	5	10	Tecnologia meccanica	9	30
		Technology of Material	4	10			
		Machine Manufacturing Technology	3	9			
		Thermotechnica I+II	9	10	Fisica Tecnica	12	30
		Electrochemistry and Corrosion	3	10	Chimica	9	29
		Inorganic Chemistry	9	9			
		Physical Chemistry I	5	10			

Il consiglio approva, all'unanimità e seduta stante.

Il prof. Nigrelli propone di approvare:

- il Learning Agreement ed il conseguente Transcript of Records con la conversione in trentesimi dei voti riportati nell'ambito della **Visiting Student Mobility** dallo studente **MAGLIO Mario** ad **IASI**. Il tutto in conformità a quanto segue:

## 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	<a href="mailto:Sonia.valentino@unipa.it">Sonia.valentino@unipa.it</a> +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



Erasmus+



UNIVERSITÀ  
DEGLI STUDI  
DI PALERMO

Higher Education  
Learning Agreement form

Contact person name	Prof, Paul Barsanescu	Contact person e-mail / phone	Paulbarsanescu@ yahoo.com
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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
	<i>Theoretical Mechanics 1</i>	<i>Autumn</i>	6
	<i>Theoretical Mechanics 2</i>	<i>Autumn</i>	3
	<i>Physics 1</i>	<i>Autumn</i>	3
	<i>Physics 2</i>	<i>Autumn</i>	3
	<i>Transmission and distribution of electric energy</i>	<i>Autumn</i>	4
	<i>Electrotechnic and Electric Machines</i>	<i>Autumn</i>	4
	<i>Turbomachine</i>	<i>Autumn</i>	6
	<i>Gas and steam Turbines</i>	<i>Autumn</i>	7
	<i>Fluids mechanics and hydraulics machines</i>	<i>Autumn</i>	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]	
	<i>Fisica 1</i>		9
	<i>Fisica 2</i>		6
	<i>Elettrotecnica</i>		9
	<i>Macchine</i>		9
			Total: 33.....

*Handwritten signature*

**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

**Student Name\***: Mario Maglio

\*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: 439 051 23997259 E-mail: leonardo.dacquisto@unipa.it

#### Responsible person in the receiving institution:

Name: \_\_\_\_\_ Function: \_\_\_\_\_  
 Phone number: \_\_\_\_\_ E-mail: \_\_\_\_\_

## III. COMMITMENT OF THE THREE PARTIES

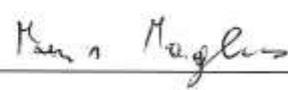
By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and receiving institutions undertake to apply all the principles of 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: 28/06/2017

The sending institution LEONARDO D'ACQUISTO COORDINATORE CCS  
 Responsible person's signature  Date: 28/07/2017

#### The receiving institution



**"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: 2017/2018**

**NAME OF SENDING INSTITUTION**

Universita degli Studi di Palermo, Italy

Name of Student: **Mario Maglio**

(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: lidia.gaiginschi@yahoo.com

No.	Course title	Name of the professor	Date	Credits	Mark (RO)
1.	Physics I	Agop Maricel	2018	3	10
2.	Physics II	Agop Maricel	2018	3	10
3.	Steam and Gas Turbines	Horbaniciu Bogdan	2018	7	10
4.	Turbomachinery	Homutescu Vlad Mario	2018	6	10
5.	Electrical Engineering and Machines	Cojocaru – Filipciuc Carmen	2018	4	10
6.	Transmission and Distribution of Electric Energy	Neagu Bogdan Constantin	2018	5	10
7.	Theoretical Mechanics II	Radu Ibaneşcu	2018	3	10
8.	Theoretical Mechanics I	Daniel Condurache	2018	6	10
9.	Fluids Mechanics and Hydraulics Machines	Scurtu Dan	2018	3	9
				<b>40</b>	
				<b>ECTS</b>	

**Professor Dan CAŞCAVAL, Ph.D**

**RECTOR**



STUDENTE VISITING	Univ.osp.	Insegnamenti superati	CFU	Voto ECTS	Insegnamenti corrispondenti	CFU	Voto
<b>MAGLIO Mario</b>	IASI	Physics I	3	10	Fisica 2	6	30
		Physics II	3	10			
		Gas and Steam Turbines	7	10	Macchine	9	30
		Turbomachines	6	10			
		Fluid mechanics and hydraulics machines	3	9			
		Electrotechnics and Electric Machines	4	10	Elettrotecnica	9	30
		Trasmission and distribution of electric energy	5 (4)	10			
		Theoretical Mechanics I	6	10	Fisica 1	9	30
Theoretical Mechanics II	3	10					

Il consiglio approva, all'unanimità e seduta stante.

Quanto deliberato sul presente punto dell'o.d.g. viene pubblicato, in forma di estratto del Verbale, sul sito web del CdS ed ha valore di notifica

**OMISSIS**

Avendo esaurito gli argomenti all'o.d.g., alle ore 13.25 il Coordinatore scioglie la seduta.

Del che è redatto il presente verbale.

Il Segretario verbalizzante  
prof. Tommaso Ingrassia

Il Coordinatore  
prof. Leonardo D'Acquisto