ENSTA ParisTech

Palaiseau, le 28 juillet 2014

N°2014-0512 ENSTA/DFR/SCO

Affaire suivie par : Service de la Scolarité
Tel : 01.81.87.19.10
scolarité@ensta-paristech.fr

ACADEMIC CERTIFICATION

I, undersigned, Gilles VERGNAUD, Dean of Education and Research at *École Nationale Supérieure de Techniques Avancées* (ENSTA ParisTech), hereby certify that:

Mr Ahmed HAMDI

Born on the 07th of October 1990 in Tunis (Tunisie)

Tunisian national

is currently enrolled as a student at ENSTA-ParisTech in *Diplôme d'ingénieur* program (MSc in Engineering). In 2012-2013 he completed the second year of the curriculum (semesters 7 to 8).

Mr Ahmed HAMDI has achieved a cumulative GPA of **3.90 / 4.00** for the academic years 2013-2014.

The GPA is calculated on the basis of the academic results and the ranking of the student.

Certificate delivered at the request of Mr HAMDI

Dean of Education and Research

L'ingénieur en Chef de l'Armement
Gilles VERGNAUD
Directeur de la Formation
et de la Recherche

Gilles VERGNAUD

ENSTA ParisTech

Transcript
for courses taken at ENSTA during Academic Year 2011/2012 by :
Ahmed HAMDI

Course	Title	American system equivalency	French system (Max-Grade 20)	Credits
AO101	Optimization	B+	12,00	1.57
AO102	Dynamical Systems: Stability and Control [ENIT course]	A	15,50	1.57
CB101	From atom to molecule	A	14,00	1.6
COM1	Communication intensive course (first year)	A	15,50	1.09091
EA101	Introduction to Economics	B+	13,00	1.63636
ES101	Signal processing	B-	10,00	2.44
ES102	Digital and VLSI Design	B+	12,00	2.44
IN101	Algorithmics and Programming	A	15,50	3.25
IN103	Introduction to MATLAB	A	15,00	1.625
IN104	Computer Science Project	A+	16,00	1.625
MA101	Probability and statistics: an introductory course	B-	10,00	3.14
MA102	Elementary tools of analysis for PDE	B+	12,00	3.14
MA103	Introduction to partial differential equations discretization	A	14,50	1.57
MF101	Incompressible Fluid Dynamics	B	11,50	3.2
MF102	Incompressible Fluid Dynamics	A+	17,00	0
MS101	Continuum mechanics	B+	12,00	1.6
MS102	Linear Elasticity	B	11,00	1.6
PA101	Quantum and statistical physics	B	11,50	3.2
PA102	Introduction to statistical physics	B+	13,50	0.8
SII1	Computer Science for engineers	B	11,00	1.625
SYS1	Systems engineering	A+	16,00	2
CL110	Culture 1st semester	B	11,00	1.63636
CL120	Culture 2nd semester	B-	10,00	1.63636
AN100	English	A+	16,00	3
LAR000	Arabic	A+	16,50	1
LFR000	French	A	14,50	1

29 JUIL. 2014

Ecole Nationale Supérieure de Techniques Avancées ENSTA ParisTech

Le Chef de Bureau
Admission et Diplômes
Michel Klein

ENSTA ParisTech

Transcript
for courses taken at ENSTA during Academic Year 2012/2013 by :
Ahmed HAMDI

Course	Title	American system equivalency	French system (Max-Grade 20)	Credits
COM2	Communication intensive worshop : the on-the-job internship	A+	19,00	1
EAE11	Strategic management	C	8,00	2
EAE12	Innovation in product development	A+	17,00	2
EAE13	Intellectual property : patents, trademarks and industriel design	B+	13,00	2
EAE14	Entrepreneurship	B-	10,00	2
PRE	research project	A	14,50	14
EA201	Accountancy and financial analysis	B+	13,50	2
EA202	Study of the organization, the management and the strategy of a real company	A+	17,00	2
EA203	Corporate Law and the engineer	C-	7,00	2
EA204	Project management	A	14,00	2
MA201	The finite element method	B+	13,50	2
MA205	Functions of one complex variable	A+	18,50	2
MF201	Compressible Fluid Flows	A+	16,50	2
MF204	Heat and Mass Transfers in Fluids	A+	16,00	2
MF205	Turbulence	A	14,00	2
MF206	Laminar and Viscous flows	A	15,00	2
MF207	Diphasics Flows	B+	13,50	2
MODEX	Experimental Project TN	B+	12,50	2
MS201	Non linear behaviour of Materials	B	11,00	2
MS202	Modelling of Structures	C+	9,50	2
MS204	Waves and vibrations in mechanical systems	A	15,50	2
MS206	Fluid-structure interactions	C+	9,00	2
CL210	Culture 1st semester	A	15,50	2
CL226	Geopolitics 2	A	14,00	2
COM2	Communication intensive worshop : the on-the-job internship	A+	19,00	1
AN200	English	A+	18,00	4
LAR004	Arabic	A+	16,00	2
EUR	ATHENS European Week	A	14,00	2
SP200	Sport	A+	16,00	2

29 JUIL. 2014

Ecole Nationale Supérieure de Techniques Avancées ENSTA ParisTech

Le Chef de Bureau
Admission et Diplômes
Michel Klein

ENSTA
ParisTech

Transcript
for courses taken at ENSTA during Academic Year 2013/2014 by :
Ahmed HAMDI

Course	Title	American system equivalency	French system (Max-Grade 20)	Credits
A9-1	Tools and software for optimization	A	14,50	2
A9-2	Tools and sofware for combinatorial optimization	A+	16,00	2
A9-3	Real optimization problems in energy and environment	A+	17,00	2
A9-4	Solving combinatorial optimization problem	A	15,50	2
AN302A	American Diversities	A+	19,00	2
B4-1	Strategy, decision and management	B+	12,00	2
B4-2	Aiding decisions systems and multiple criteria	A	15,00	2
B4-3	Making decisions theories and real decisions analyze	A+	16,00	2
B4-4	Decision in firm : interviews and testimonial conferences	B+	13,00	2
C14-1	LEAN manufacturing	A	14,50	2
C14-2	Production and sustainable development	P	P	2
C14-3	Methods and tools for quality	A	15,00	2
C14-4	Security	A	15,00	2
C14-5	Industrial Strategy	A+	16,50	2
D4-1	Purchasing : stake and process	A+	18,00	2
D4-2	Management and Simulation of Manufacturing Systems	B	11,50	2
D4-3	Social Dialogue	B+	12,00	2
D4-4	Management and evaluation of the supply chain	A	14,50	2
EA301	Human Resource Management	B+	13,50	1
EA310	Business Economics	A	15,00	1.5
EAT12	Macroeconomics	A+	20,00	3
FIME01	Strategic management	A	15,00	1
FIME02	Economic intelligence	A	15,00	1
FIME03	Marketing and industrial design	A	15,00	1
FIME04	Entrepreneurship / intrapreneurship	A	15,00	1
FIME05	Innovative design	A	15,00	1
FIME06	Technological companies	A	15,00	1
FIME07	Law and technological companies	A	15,00	1
FIME08	Industrial organization	A	15,00	1
FIME09	Business management in uncertain environment: simulation and conferences	A	15,00	1
FIME10	Financing of industrial projects	A	15,00	1
FIME11	Industrial risks management	A	15,00	1
FIME12	FIME - Evaluations	A	15,00	0
SII1	Computer Science for engineers	B	11,00	1.25
LAR005	Arabic	A+	19,00	2
SP300	Sport	A	14,00	2
TOEIC300	TOEIC	A+	20,00	0
EUR	ATHENS European Week	B+	12,00	2
PR3A	AutonomousProject	A	15,00	4
SP300	Sport	A	14,00	2

Le Chef de Bureau
Admission et Diplômes
Michel Klein

29 JUIL. 2014