Official Transcript
Academic Year 2016-2017
First Year of Undergraduate Program - Semester 1
Nayel HAMANI
Student Number: 20160215
Date of Birth: 12/05/1998

			Credits Earned/Attempted	ECTS Grade	Average		
UE11		**Mathematics**	**8/8**	**B**	**16,10**		**PASS**
	SM101	Functions and Variations			13,80		
	SM103	Numbers and Structures			18,40		
UE13		**General Computer Science**	**8/8**	**A**	**18,60**		**PASS**
	TI101	C Programming Techniques			19,30		
	TI102	Algorithms - 1			18,00		
UE15		**Physics and Electronics**	**8/8**	**A**	**16,10**		**PASS**
	SP101	From the Atom to the Microchip			15,30		
	SP112	Beginning Electronics			17,00		
	TE101	Digital Information			16,40		
UE17		**General Education**	**6/6**	**D**	**10,80**		**PASS**
	FH101	Academic Writing and Public Speaking			11,00		
	FI101	English - 1			12,40		
	PAVE	Participation in Student Life			5,00		

Grades ECTS	**GPA Points**	
A = Passed - top 15%	A = 4 points	
B = Passed - subsequent 25%	B = 3 points	
C = Passed - subsequent 35%	C = 2 points	
D = Passed - bottom 25%	D = 1 point	**GPA: 3,13/4**
E = Passed - grade following successful make-up exam or examination board ruling	E,F = 0 points	
F = Failed		
No grade = ECTS grade not applicable		

Villejuif, 01/04/2020

Rana FARHA
Director of Studies

Official Transcript
Academic Year 2016-2017
First Year of Undergraduate Program - Semester 2

Nayel HAMANI
Student Number: 20160215
Date of Birth: 12/05/1998

			Credits Earned/Attempted	ECTS Grade	Average	
UE21		**Mathematics**	**7/7**	**A**	**16,60**	**PASS**
	SM102	Linear Algebra			16,40	
	SM110	Finite and Infinite Sums			16,70	
UE23		**General Computer Science**	**7/7**	**A**	**16,40**	**PASS**
	TI103	C Programming Techniques			13,70	
	TI104	Algorithms - 2			19,10	
UE25		**Physics and Electronics**	**7/7**	**A**	**17,90**	**PASS**
	SP102	Voice and Image			17,70	
	SP113	Optics			17,80	
	TE102	From System to Function			18,10	
UE27		**General Education**	**7/7**	**C**	**12,10**	**PASS**
	FE102	Economics and Enterprise			11,60	
	FH102	Argumentation, Critiquing a Novel			12,40	
	FI102	English - 2			13,50	
	FITOEIC	Test of English for International Communication (TOEIC)			805,00	
	PAVE	Participation in Student Life			10,00	
UE29		**Professional Training**	**2/2**		**14,80**	**PASS**
	ST101A	Introductory Internship			14,80	

Grades ECTS	GPA Points
A = Passed - top 15%	A = 4 points
B = Passed - subsequent 25%	B = 3 points
C = Passed - subsequent 35%	C = 2 points
D = Passed - bottom 25%	D = 1 point
E = Passed - grade following successful make-up exam or examination board ruling	E,F = 0 points
F = Failed	
No grade = ECTS grade not applicable	

GPA: 3,50/4

Villejuif, 01/04/2020

Rana FARHA
Director of Studies

Official Transcript
Academic Year 2017-2018
Second Year of Undergraduate Program - Semester 3
Nayel HAMANI
Student Number: 20160215
Date of Birth: 12/05/1998

			Credits Earned/Attempted	ECTS Grade	Average	
UE31		**Mathematics**	**8/8**	**A**	**16,20**	**PASS**
	SM104	Statistics			16,30	
	SM105	Real Mathematics			16,10	
UE33		**General Computer Science**	**8/8**	**A**	**15,50**	**PASS**
	TI105	Data Structures			15,50	
	TI105B	Data Structures - Programming			15,60	
UE35		**Physics and Electronics**	**8/8**	**A**	**16,70**	**PASS**
	SP114	Electromagnetic Fields			16,80	
	SP116	Quantum Physics			16,40	
	TE103	Transmission Channels			16,70	
UE37		**General Education**	**6/6**	**C**	**12,50**	**PASS**
	FE104	Business Accounting			12,60	
	FH103	Argumentation and Journalistic Writing			11,80	
	FI103	English - 3			14,20	
	PAVE	Participation in Student Life			10,00	

Grades ECTS	GPA Points	
A = Passed - top 15%	A = 4 points	Villejuif, 02/04/2020
B = Passed - subsequent 25%	B = 3 points	
C = Passed - subsequent 35%	C = 2 points	
D = Passed - bottom 25%	D = 1 point	**GPA: 3,60/4**
E = Passed - grade following successful make-up exam or examination board ruling	E,F = 0 points	
F = Failed		Rana FARHA
No grade = ECTS grade not applicable		Director of Studies

Official Transcript
Academic Year 2017-2018
Second Year of Undergraduate Program - Semester 4
Nayel HAMANI
Student Number: 20160215
Date of Birth: 12/05/1998

			Credits Earned/Attempted	ECTS Grade	Average	
UE41		**Mathematics**	**6/6**	**A**	**15,40**	**PASS**
	SM108	Data analysis			14,20	
	SM112	Probability and Statistics - 2			16,60	
UE43		**General Computer Science**	**6/6**	**C**	**12,50**	**PASS**
	SM107	Mathematics for Computer Science			14,50	
	TI130	Programming in C++			11,10	
	TI131	UML			11,70	
UE44		**Multidisciplinary Project**	**2/2**	**B**	**16,00**	**PASS**
	TI144	Multidisciplinary Project			16,00	
UE45		**Physics and Electronics**	**6/6**	**A**	**15,50**	**PASS**
	SP103	Electromagnetic Propagation			16,10	
	SP104	Energy, Entropy and Information			12,90	
	TE104	Digital systems			17,00	
UE47		**General Education**	**6/6**	**D**	**11,40**	**PASS**
	FE105	Business Processes			12,80	
	FH104	Argumentation and Rhetoric			9,90	
	FI104	English - 4			15,50	
	PAVE	Participation in Student Life			5,00	
UE49		**Professional Training**	**4/4**		**20,00**	**PASS**
	ST102	Business Internship			20,00	

Grades ECTS	GPA Points	
A = Passed - top 15%	A = 4 points	Villejuif, 02/04/2020
B = Passed - subsequent 25%	B = 3 points	
C = Passed - subsequent 35%	C = 2 points	
D = Passed - bottom 25%	D = 1 point	
E = Passed - grade following successful make-up exam or examination board ruling	E,F = 0 points	
F = Failed		
No grade = ECTS grade not applicable		

GPA: 2,77/4

Rana FARHA
Director of Studies

Official Transcript
Academic Year 2018-2019
Third Year of Undergraduate Program - Semester 5
Nayel HAMANI
Student Number: 20160215
Date of Birth: 12/05/1998

		Credits Earned/Attempted	ECTS Grade	Average	
UE51MOB	**International Mobility - Information Technology Fundamentals**	**15/15**	**A**	**18,80**	**PASS**
TI501M	Operating Systems			18,70	
TI502M	Networks and Protocols			18,40	
TI503M	Databases			19,40	
UE52MOB	**International Mobility - Information Technology Applications**	**10/10**	**A**	**17,00**	**PASS**
TI504M	Further Object-oriented Programming			17,20	
TI505M	Java 1			16,80	
UE53MOB	**International Mobility- General Education**	**5/5**	**C**	**13,40**	**PASS**
FH502	Cultural Discovery Report			8,00	
FI502M	Profitability and Performance			16,60	

Grades ECTS	**GPA Points**	
A = Passed - top 15%	A = 4 points	Villejuif, 01/04/2020
B = Passed - subsequent 25%	B = 3 points	
C = Passed - subsequent 35%	C = 2 points	
D = Passed - bottom 25%	D = 1 point	**GPA: 3,67/4**
E = Passed - grade following successful make-up exam or examination board ruling	E,F = 0 points	
F = Failed		
No grade = ECTS grade not applicable		

Rana FARHA
Director of Studies

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Official Transcript
Academic Year 2018-2019
Third Year of Undergraduate Program - Semester 6
Nayel HAMANI
Student Number: 20160215
Date of Birth: 12/05/1998

			Credits Earned/Attempted	ECTS Grade	Average		
UE61		**Mathematics**	**6/6**	**A**	**18,90**		**PASS**
	SM601	Graph Theory			18,90		
	SM603	Nonlinear Algebra			18,30		
	SM604	Optimization			19,40		
UE62		**Computer Science**	**5/5**	**C**	**14,60**		**PASS**
	TI606	Computer Architecture			13,40		
	TI630	Introduction to Cyber Security			17,20		
	TI650	Interdisciplinary Project			14,40		
UE63		**Physics and Electronics**	**6/6**	**B**	**14,60**		**PASS**
	SP601	Transmission Channels			13,70		
	TE601	Signal Theory			16,20		
	TE603	Linear Systems			9,70		
	TE604	Digital Information			16,50		
UE64		**Electives - Computer Science**	**4/4**	**A**	**16,30**		**PASS**
	TI613	Databases-2			14,50		
	TI615	Java-2			18,00		
UE67		**General Education**	**5/5**	**B**	**13,90**		**PASS**
	FE603	Financial Analysis			12,80		
	FE604	Business and Contract Law			14,50		
	FH601	Essay and Creative Writing			12,20		
	FL601	English 6-Business English			15,20		
	PAVE	Participation in Student Life			15,00		
UE69		**Professional Training**	**4/4**	**C**	**13,00**		**PASS**
	FE601	Professional Project Seminar			13,00		
UESC		**Program content not evaluated or without course credits**	**0/0**		**ABS**		
	FITOEIC	Test of English for International Communication (TOEIC)			845,00		

Grades ECTS	GPA Points
A = Passed - top 15%	A = 4 points
B = Passed - subsequent 25%	B = 3 points
C = Passed - subsequent 35%	C = 2 points
D = Passed - bottom 25%	D = 1 point
E = Passed - grade following successful make-up exam or examination board ruling	E,F = 0 points
F = Failed	
No grade = ECTS grade not applicable	

GPA: 3,03/4

Villejuif, 01/04/2020

Rana FARHA
Director of Studies

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Official Transcript
2019-2020 Semester 7

2ème année ingénieur

Nayel HAMANI

Student No : 20160215

Date of birth : 12/05/1998

Code	Course	Average		ECTS Grade	Credits Earned/attempted	Group Average
UE71BD	**Big Data Fundamentals**	**13,90**	**Pass**	**B**	**9/9**	*12,30*
ST2APS	Applied Statistics	16,00				*13,80*
ST2DISC	Distributed Algorithms	13,10				*11,50*
ST2ML1	Machine Learning	12,50				*11,50*
UE73BD	**Big Data Applications**	**14,30**	**Pass**	**B**	**9/9**	*13,70*
ST2DST	Digital Signal Processing and Processors	16,00				*15,30*
ST2HSH	Hadoop Stack - Hive	12,60				*13,40*
ST2PDS	Python for Data Science	14,30				*12,40*
UE76	**Innovation Project**	**12,30**	**Pass**	**C**	**4/4**	*12,90*
FT2GPJ	Managing IT Projects	15,00				*11,80*
FT2MTD	Methodology and Technical Monitoring	11,00				*13,60*
UE77	**General Education and Professions**	**13,70**	**Pass**	**C**	**8/8**	*13,00*
FE2DE2	IT Law and Ethics	12,30				*11,70*
FH2RAE	Ensuring Effective Meetings	13,00				*13,60*
FL2MS7	Media Studies and Democracy	14,50				*14,90*
METIPM1	International Marketing for Project Managers	13,60				*10,50*
PAVE	Voluntary Student Engagement	15,00				*13,70*

ECTS Grades	GPA Points
A = Passed – top 15 %	A = 4 points
B = Passed - subsequent 25%	B= 3 points
C = Passed – subsequent 35 %	C= 2 points
D = Passed – subsequent 25 %	D= 1 point
E = Passed - make-up exam or examination board ruling	E = 0 point
F = Failed	F = 0 point
No grade = ECTS grade not applicable	

Half-year average	**13,75**
Half-year programme average	*12,82*
Credits Earned/attempted	**30/30**
GPA	**2,60/4**

Format Date : DD/MM/YYYY

Villejuif, 10/04/2020

Nicolas SICARD

Director of studies