



**NATIONAL UNIVERSITY OF ENGINEERING**  
**LIMA - PERU**  
**CENTRAL OFFICE OF REGISTERS AND STATISTICS**  
**OFFICIAL TRANSCRIPT**

COLLEGE: MECHANICAL ENGINEERING  
PROGRAM: MECHANICAL ENGINEERING      STUDENT CODE: 20110087H  
GIVEN NAMES: AL MARLON      ADMISSION YEAR: 2011  
SURNAME: BOBADILLA MERLO      PAGE: 1 OF 2 - 2 OF 2

COURSE CODE	COURSE	CRED	GRADE	DATE
MMB146A	DIFFERENTIAL CALCULUS	05	13.2	2011-1
MMB223A	PHYSICS I	05	10.5	2011-1
MMB312A	CHEMISTRY	04	11.8	2011-1
MMB844A	COMMUNICATION AND WRITING	01	15.3	2011-1
MMB894A	MORAL AND PROFESSIONAL ETHICS	01	16.0	2011-1
MMC501A	TECHNICAL DRAWING	01	18.6	2011-1
MMC502A	DESCRIPTIVE GEOMETRY	03	12.0	2011-1
MMC114E	MATERIALS SCIENCE I	04	11.6	2011-2
MMC401A	MACHINE ELEMENTS	01	10.0	2011-2
MMC510A	MECHANICAL DRAWING I	03	12.1	2011-2
MMS112A	SOCIAL SKILLS AND LEADERSHIP	01	14.0	2011-2
MMB147B	INTEGRAL CALCULUS	05	14.4	2011-3
MMB224B	PHYSICS II	05	12.4	2011-3
MMB148C	VECTOR CALCULUS	05	11.5	2012-1
MMB165A	LINEAR ALGEBRA	03	10.0	2012-1
MMB226B	PHYSICS III	05	10.2	2012-1
MMB613C	STATISTICS AND PROBABILITIES	03	14.2	2012-1
MMC337A	STATICS	04	11.4	2012-1
MMC512B	MECHANICAL DRAWING II	03	11.2	2012-1
MMB155A	DIFFERENTIAL EQUATIONS	05	10.0	2012-2
MMB545A	OBJECT ORIENTED PROGRAMMING	04	13.5	2012-2
MMC115D	MATERIALS SCIENCES II	04	10.1	2012-2
MMC213C	MANUFACTURING PROCESSES I	05	10.5	2012-2
MMC338B	DYNAMICS	04	10.0	2012-2
MMN216C	FLUID MECHANICS I	04	11.5	2012-2
MMB536J	NUMERICAL METHODS	03	10.0	2013-1
MMC214A	MANUFACTURING PROCESSES II	05	16.1	2013-1
MMC324B	STRENGTH OF MATERIALS I	05	11.2	2013-1
MML140B	ELECTRICAL CIRCUITS	04	10.1	2013-1
MML830B	ELECTRONICS	03	11.8	2013-1

COURSE CODE	COURSE	CRED	GRADE	DATE
MMN114A	THERMODYNAMICS I	05	10.5	2013-1
MMC325A	STRENGTH OF MATERIALS II	05	16.2	2013-2
MMC327A	LABORATORY OF STRENGTH OF MATERIALS	01	16.0	2013-2
MMC417B	MACHINE MECHANICS	04	16.4	2013-2
MML121C	LABORATORY OF ELECTRICAL CIRCUITS	01	13.8	2013-2
MML202F	ELECTRICAL MACHINES	04	10.5	2013-2
MMN116B	THERMODYNAMICS II	03	13.0	2013-2
MMN217B	FLUID MECHANICS II	03	14.3	2013-2
MMN412B	LABORATORY OF MECHANICAL ENGINEERING I	01	11.9	2013-2
MMS213C	ENGINEERING ECONOMICS AND FINANCE	02	12.8	2013-2
MMT221A	CONTROL ENGINEERING	03	11.0	2013-2
MMC516D	FINITE ELEMENTS	03	16.7	2014-1
MMC585A	DESIGN OF MACHINE ELEMENTS I	04	12.0	2014-1
MMC601B	RESEARCH METHODOLOGY	02	10.0	2014-1
MMC612B	ENGINEERING PROJECTS	03	14.0	2014-1
MMC751A	METHODS ENGINEERING	03	12.5	2014-1
MML611A	ELECTRICAL CONTROL AND AUTOMATION	03	15.3	2014-1
MMN463C	LABORATORY OF MECHANICAL ENGINEERING II	01	14.8	2014-1
MMS525A	QUALITY INTEGRAL MANAGEMENT	02	13.1	2014-1
MMC142A	CORROSION AND PROTECTION TECHNIQUES	03	13.0	2014-2
MMC234B	WELDING TECHNOLOGY I	05	12.3	2014-2
MMC586A	DESIGN OF MACHINE ELEMENTS II	04	10.9	2014-2
MML951A	AUDIT OF ELECTRO-MECHANICAL SYSTEMS	03	15.7	2014-2
MMN314A	MASS AND HEAT TRANSFER	04	12.6	2014-2
MMN464B	LABORATORY OF MECHANICAL ENGINEERING III	01	11.9	2014-2
MMN232A	TURBO MACHINERY I	04	12.7	2014-3
MMC546A	MACHINE DESIGN PROJECT	03	11.6	2015-1
MMC654A	MAINTENANCE ENGINEERING	04	13.5	2015-1
MMC822A	AUTOMOTIVE ENGINEERING	04	14.0	2015-1
MMN136D	INTERNAL COMBUSTION ENGINES	05	12.8	2015-1
MMN153B	THERMAL DRIVING FORCE	04	12.3	2015-1
MMN374B	REFRIGERATION AND AIR CONDITIONING	03	11.7	2015-1
MMS311E	CONSTITUTION AND BUSINESS LAW	01	14.4	2015-1
MXP100	CO-OP EXPERIENCE I	02	----	2015-1
STUDENT CONDITION: BACHELOR				

**Total Credits: 211 (over 210 required)**

Observation: Senior students are allowed to matriculate in courses in parallel with their prerequisites in the last year of study.

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This transcript contains only passed courses. It does not accredit program culmination nor academic nor professional degree attainment. Any amendment or annotation made before or after the closing line made up by asterisks (\*\*\*\*) definitively invalidate the contents of this document.

One credit is equivalent to one weekly hour of theory lecture or two weekly hours of practice or laboratory work.

Grading system:

From 14.0 to 20.0	Excellent	A+
From 13.0 to 13.9	Very Good	A
From 11.0 to 12.9	Good	B
From 10.0 to 10.9	Passed	C
From 06.0 to 09.9	Disapproved	D
From 00.0 to 05.9	Failed	E

Minimum approving grade: 10

Every page signed and sealed by the Registrar.

Signed and Stamped

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University Secretary

Signed and Stamped

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Faculty Dean

Lima, September 7, 2016

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