



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

COLLEGE: MECHANICAL ENGINEERING  
PROGRAM: MECHANICAL ENGINEERING      STUDENT CODE: 20091061B  
GIVEN NAMES: RICHARD      ADMISSION YEAR: 2009  
SURNAME: RAMOS CASAVILCA      PAGE: 1 OF 2 - 2 OF 2

COURSE CODE	COURSE	CRED	GRADE	DATE
MMB146D	DIFFERENTIAL CALCULUS	05	11.7	2009-2
MMB223G	PHYSICS I	05	11.3	2009-2
MMB312D	CHEMISTRY	04	11.8	2009-2
MMB844A	COMMUNICATION AND WRITING	01	15.1	2009-2
MMB894D	MORAL AND PROFESSIONAL ETHICS	01	13.6	2009-2
MMC501A	TECHNICAL DRAWING	01	16.8	2009-2
MMC502C	DESCRIPTIVE GEOMETRY	03	12.8	2009-2
MMB165A	LINEAR ALGEBRA	03	11.5	2010-1
MMB224C	PHYSICS II	05	11.2	2010-1
MMS112A	SOCIAL SKILLS AND LEADERSHIP	01	17.0	2010-1
MMB147A	INTEGRAL CALCULUS	05	10.8	2010-2
MMB226D	PHYSICS III	05	13.4	2010-2
MMC114E	MATERIALS SCIENCE I	04	11.4	2010-2
MMC401A	MACHINE ELEMENTS	01	13.3	2010-2
MMC510H	MECHANICAL DRAWING I	03	11.7	2010-2
MMB148C	VECTOR CALCULUS	05	12.0	2010-3
MMC337A	STATICS	04	15.4	2010-3
MMB155B	DIFFERENTIAL EQUATIONS	05	11.2	2011-1
MMB613C	STATISTICS AND PROBABILITIES	03	16.4	2011-1
MMC115A	MATERIALS SCIENCES II	04	10.9	2011-1
MMC512C	MECHANICAL DRAWING II	03	12.9	2011-1
MMN216B	FLUID MECHANICS I	04	14.0	2011-1
MMC213D	MANUFACTURING PROCESSES I	05	12.8	2011-2
MMN114B	THERMODYNAMICS I	05	10.2	2011-2
MMB545F	OBJECT ORIENTED PROGRAMMING	04	11.2	2012-1
MMC338	DYNAMICS	04	11.8	2012-1
MML140B	ELECTRICAL CIRCUITS	04	11.8	2012-1
MMN217B	FLUID MECHANICS II	03	13.0	2012-1
MMN412B	LABORATORY OF MECHANICAL ENGINEERING I	01	12.8	2012-1

COURSE CODE	COURSE	CRED	GRADE	DATE
MMC214B	MANUFACTURING PROCESSES II	05	13.6	2012-2
MMC417A	MACHINE MECHANICS	04	10.2	2012-2
MML121D	LABORATORY OF ELECTRICAL CIRCUITS	01	15.1	2012-2
MML830A	ELECTRONICS	03	10.7	2012-2
MMN116A	THERMODYNAMICS II	03	11.4	2012-2
MMC324A	STRENGTH OF MATERIALS I	05	10.0	2013-1
MMN463B	LABORATORY OF MECHANICAL ENGINEERING II	01	14.1	2013-1
MMC325A	STRENGTH OF MATERIALS II	05	16.0	2013-2
MMC327B	LABORATORY OF STRENGTH OF MATERIALS	01	15.5	2013-2
MMN136D	INTERNAL COMBUSTION ENGINES	05	11.2	2013-2
MMN232D	TURBO MACHINERY I	04	13.0	2013-2
MMS213B	ENGINEERING ECONOMICS AND FINANCE	02	12.2	2013-2
MMB536C	NUMERICAL METHODS	03	10.6	2013-3
MMT221A	CONTROL ENGINEERING	03	14.6	2013-3
MMC234A	WELDING TECHNOLOGY I	05	11.0	2014-1
MMC516E	FINITE ELEMENTS	03	13.4	2014-1
MMC585A	DESIGN OF MACHINE ELEMENTS I	04	12.4	2014-1
MMC601B	RESEARCH METHODOLOGY	02	10.6	2014-1
MMC612B	ENGINEERING PROJECTS	03	12.5	2014-1
MML202D	ELECTRICAL MACHINES	04	11.8	2014-1
MMN314A	MASS AND HEAT TRANSFER	04	11.6	2014-1
MMN464B	LABORATORY OF MECHANICAL ENGINEERING III	01	13.1	2014-1
MMS223A	COSTS AND BUDGETS	02	13.4	2014-1
MMC586A	DESIGN OF MACHINE ELEMENTS II	04	15.5	2014-2
MMC654A	MAINTENANCE ENGINEERING	04	12.2	2014-2
MML611A	ELECTRICAL CONTROL AND AUTOMATION	03	13.6	2014-2
MMN143A	STEAM AND GAS TURBINES	04	13.5	2014-2
MMN153A	THERMAL DRIVING FORCE	04	10.1	2014-2
MMN253A	INDUSTRIAL VENTILATION	03	17.0	2014-2
MMN374B	REFRIGERATION AND AIR CONDITIONING	03	12.2	2014-2
MMS311E	CONSTITUTION AND BUSINESS LAW	01	15.2	2014-2
MMS525A	QUALITY INTEGRAL MANAGEMENT	02	12.5	2014-2
MMC142A	CORROSION AND PROTECTION TECHNIQUES	03	12.8	2015-1
MMC546A	MACHINE DESIGN PROJECT	03	12.0	2015-1
MMN270A	INTRODUCTION TO LUBRICATION ENGINEERING	03	12.0	2015-1
MXP100	CO-OP EXPERIENCE I	01	----	2015-1
STUDENT CONDITION: BACHELOR				

**Total Credits: 212 (over 210 required)**

Observation: Senior students are allowed to matriculate in a course in parallel with its prerequisite 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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