



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

COLLEGE: MECHANICAL ENGINEERING

PROGRAM: MECHANICAL ENGINEERING

GIVEN NAMES: JOSE DYAGO

SURNAME: CARRERA ZAVALETA

STUDENT CODE: 20102039H

ADMISSION YEAR: 2010

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COURSE CODE	COURSE	CRED	GRADE	DATE
MMB146E	DIFFERENTIAL CALCULUS	05	11.3	2010-1
MMB223A	PHYSICS I	05	11.5	2010-1
MMB312G	CHEMISTRY	04	11.7	2010-1
MMB844A	COMMUNICATION AND WRITING	01	17.6	2010-1
MMB894C	MORAL AND PROFESSIONAL ETHICS	01	16.0	2010-1
MMC501E	TECHNICAL DRAWING	01	16.8	2010-1
MMC502D	DESCRIPTIVE GEOMETRY	03	11.4	2010-1
MMB165A	LINEAR ALGEBRA	03	13.8	2010-2
MMC401E	MACHINE ELEMENTS	01	16.6	2010-2
MMC510F	MECHANICAL DRAWING I	03	10.9	2010-2
MMS112A	SOCIAL SKILLS AND LEADERSHIP	01	14.0	2010-2
MMB147A	INTEGRAL CALCULUS	05	10.0	2010-3
MMB224A	PHYSICS II	05	10.7	2010-3
MMB148A	VECTOR CALCULUS	05	12.5	2011-1
MMB226D	PHYSICS III	05	13.1	2011-1
MMB613A	STATISTICS AND PROBABILITIES	03	15.8	2011-1
MMC114E	MATERIALS SCIENCE I	04	13.4	2011-1
MMC337A	STATICS	04	12.3	2011-1
MMC512E	MECHANICAL DRAWING II	03	10.6	2011-1
MMB155B	DIFFERENTIAL EQUATIONS	05	13.4	2011-2
MMB545E	OBJECT ORIENTED PROGRAMMING	04	10.9	2011-2
MMC115A	MATERIALS SCIENCES II	04	10.6	2011-2
MMC213A	MANUFACTURING PROCESSES I	05	10.8	2011-2
MMC338A	DYNAMICS	04	11.0	2011-2
MMB536E	NUMERICAL METHODS	03	10.8	2011-3
MML140A	ELECTRICAL CIRCUITS	04	10.5	2011-3
MMC214A	MANUFACTURING PROCESSES II	05	15.2	2012-1
MMC324A	MATERIALS STRENGTH I	05	10.3	2012-1
MML121C	LABORATORY OF ELECTRICAL CIRCUITS	01	12.6	2012-1
MMN114B	THERMODYNAMICS I	05	12.7	2012-1
MMN216B	FLUID MECHANICS I	04	12.7	2012-1

COURSE CODE	COURSE	CRED	GRADE	DATE
MMS213C	ENGINEERING ECONOMICS AND FINANCE	02	13.6	2012-1
MMC325A	STRENGTH OF MATERIALS II	05	17.6	2012-2
MMC327A	LABORATORY OF STRENGTH OF MATERIALS	01	13.0	2012-2
MMC417B	MACHINE MECHANICS	04	15.4	2012-2
MMC612A	ENGINEERING PROJECTS	03	14.0	2012-2
MMC751A	METHODS ENGINEERING	03	11.0	2012-2
MMN116B	THERMODYNAMICS II	03	13.2	2012-2
MMN217A	FLUID MECHANICS II	03	15.6	2012-2
MMN412B	LABORATORY OF MECHANICAL ENGINEERING I	01	13.0	2012-2
MMC516D	FINITE ELEMENTS	03	18.5	2013-1
MMC585A	DESIGN OF MACHINE ELEMENTS I	04	15.3	2013-1
MML830B	ELECTRONICS	03	18.5	2013-1
MMN232D	TURBO MACHINERY I	04	13.5	2013-1
MMN463A	LABORATORY OF MECHANICAL ENGINEERING II	01	14.4	2013-1
MMS223A	COSTS AND BUDGETS	02	16.2	2013-1
MMC142A	CORROSION AND PROTECTION TECHNIQUES	03	14.5	2013-2
MMC586A	DESIGN OF MACHINE ELEMENTS II	04	10.7	2013-2
MML202B	ELECTRICAL MACHINES	04	11.0	2013-2
MMN183A	INDUSTRIAL INSTALLATIONS	03	17.3	2013-2
MMN314A	MASS AND HEAT TRANSFER	04	14.4	2013-2
MMN464A	LABORATORY OF MECHANICAL ENGINEERING III	01	13.0	2013-2
MMT221C	CONTROL ENGINEERING	03	12.0	2013-2
MML611A	ELECTRICAL CONTROL AND AUTOMATION	03	15.3	2014-1
MMN136F	INTERNAL COMBUSTION ENGINES	05	15.1	2014-1
MMN253A	INDUSTRIAL VENTILATION	03	12.0	2014-1
MMC234B	WELDING TECHNOLOGY I	05	13.0	2014-2
MMC546A	MACHINE DESIGN PROJECT	03	13.0	2014-2
MMC601C	RESEARCH METHODOLOGY	02	14.0	2014-2
MMC654A	MAINTENANCE ENGINEERING	04	12.7	2014-2
MMN143A	STEAM AND GAS TURBINES	04	15.5	2014-2
MMN153A	THERMAL DRIVING FORCE	04	10.8	2014-2
MMN374A	REFRIGERATION AND AIR CONDITIONING	03	11.5	2014-2
MMS311E	CONSTITUTION AND BUSINESS LAW	01	14.7	2014-2
MMS525B	QUALITY INTEGRAL MANAGEMENT	02	15.0	2014-2
MXA100	EXTRA-CURRICULAR ACTIVITIES	01	--	2014-2
MXP200	CO-OP EXPERIENCE I	02	--	2014-2
STUDENT CONDITION: BACHELOR				

**Total Credits: 217 (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.

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University Secretary

Signed and Stamped

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Faculty Dean

Lima, October 21, 2015

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