



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

COLLEGE: MECHANICAL ENGINEERING

PROGRAM: NAVAL ENGINEERING

STUDENT CODE: 20070249B

GIVEN NAMES: DAVID ALEJANDRO

ADMISSION YEAR: 2007

SURNAME: MESTANZA RODRIGUEZ

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COURSE CODE	COURSE	CRED	GRADE	DATE
MMB163D	ANALYTIC AND VECTOR GEOMETRY	03	10.0	2007-1
MMB223G	PHYSICS I	05	10.1	2007-1
MMB313G	CHEMISTRY	05	10.0	2007-1
MMB844E	COMMUNICATION AND WRITING	01	12.1	2007-1
MMC502G	DESCRIPTIVE GEOMETRY	03	10.7	2007-1
MMV112A	NAVAL FUNDAMENTALS	03	11.6	2007-1
MMB146D	DIFFERENTIAL CALCULUS	05	10.8	2007-2
MMC337E	STATICS	04	14.2	2007-2
MMV107A	NAVAL DRAWING	04	18.2	2007-2
MMB164E	SUPERIOR ALGEBRA	03	10.5	2008-1
MMB224C	PHYSICS II	05	10.2	2008-1
MMC112F	MATERIALS SCIENCE	04	11.2	2008-1
MMS111A	HUMAN AND ORGANIZATIONAL BEHAVIOR	02	15.6	2008-1
MMB147D	INTEGRAL CALCULUS	05	12.1	2008-2
MMB226D	PHYSICS III	05	11.6	2008-2
MMB543F	COMPUTING I	03	11.0	2008-2
MMC216F	MANUFACTURING PROCESSES	04	12.1	2008-2
MMC338E	DYNAMICS	04	12.3	2008-2
MMC411A	MECHANISMS AND MACHINE ELEMENTS	04	12.4	2008-2
MMB148A	VECTOR CALCULUS	05	12.1	2009-1
MMB613E	STATISTICS AND PROBABILITIES	03	12.0	2009-1
MMB155C	DIFFERENTIAL EQUATIONS	05	10.0	2009-3
MMB536G	NUMERICAL METHODS	03	10.2	2010-1
MMC361A	MATERIALS STRENGTH	05	10.3	2010-1
MMN204A	FLUID MECHANICS	04	10.4	2010-1
MML140A	ELECTRICAL CIRCUITS	04	10.8	2010-2
MMV211A	VESSEL THEORY I	04	10.5	2010-2
MMV323A	VESSEL AUXILIARY MACHINES	03	15.4	2010-2
MMV476A	NAVAL STRUCTURES I	04	12.1	2010-2
MML830A	ELECTRONICS	03	14.7	2010-3

COURSE CODE	COURSE	CRED	GRADE	DATE
MMC516B	FINITE ELEMENTS	03	11.3	2011-1
MML121B	LABORATORY OF ELECTRICAL CIRCUITS	01	12.5	2011-1
MMS311D	CONSTITUTION AND BUSINESS LAW	01	10.5	2011-1
MMS614A	ENVIRONMENT AND SUSTAINABILITY	02	11.7	2011-1
MMV435A	VESSEL HYDRODYNAMICS	04	13.3	2011-1
MMV477A	NAVAL STRUCTURES II	04	10.4	2011-1
MMB313A	BIOLOGY FOR ENGINEERS	03	13.5	2011-2
MMV436A	DRAG AND PROPULSION	04	10.3	2011-2
MML202C	ELECTRICAL MACHINES	04	10.5	2011-3
MMN121A	THERMODYNAMICS	05	12.0	2012-1
MMS113A	MANAGEMENT OF HUMAN RESOURCES	02	12.5	2012-1
MMV214A	VESSEL THEORY II	03	10.4	2012-1
MMV232A	VESSEL ELECTRICAL SYSTEM	03	12.5	2012-1
MMV423A	SHIP BUILDING TECHNOLOGY I	03	17.8	2012-1
MMV437A	LABORATORY OF NAVAL HYDRODYNAMICS I	02	17.3	2012-1
MMV456A	VESSEL DYNAMICS	04	12.8	2012-1
MMC234B	WELDING TECHNOLOGY I	05	10.3	2012-2
MMC571C	MECHANICAL VIBRATIONS	03	10.1	2012-2
MMC601B	RESEARCH METHODOLOGY	02	10.0	2012-2
MMV335A	MARINE DIESEL ENGINES	03	11.6	2012-2
MMV425A	SHIP BUILDING TECHNOLOGY II	04	13.1	2012-2
MMV461A	NAVAL PROJECT I	02	10.6	2012-2
MMN310A	HEAT TRANSFER	03	10.8	2012-3
MMS213A	ENGINEERING ECONOMICS AND FINANCE	02	13.6	2012-3
MMC763A	INDUSTRIAL SAFETY	03	11.0	2013-1
MMN465A	LABORATORY OF MECHANICAL ENGINEERING	01	12.8	2013-1
MMV315A	MARINE MACHINES I	04	15.4	2013-1
MMV316A	MARINE MACHINES II	04	15.0	2013-1
MMV463A	NAVAL PROJECT II	03	10.0	2013-1
MMV615A	MARITIME LAW	02	10.3	2013-1
MMV643A	MANAGEMENT OF NAVAL INDUSTRY	03	12.5	2013-1
MMS525B	QUALITY INTEGRAL MANAGEMENT	02	14.0	2013-2
MMT221C	CONTROL ENGINEERING	03	10.5	2013-2
MXP200	CO-OP EXPERIENCE II	02	--	2013-2
STUDENT CONDITION: BACHELOR				

Total Credits: 213 (over 210 required)

- Old course MMC502G Descriptive Geometry validates MC505 Technical Drawing and Descriptive Geometry.
- Old course MMV107A Naval Drawing (4 credits) validates MV108 Naval Drawing (4 credits).

- Old course MMB164E Superior Algebra validates MB165 Linear Algebra.
- Old course MMB543F Computing I validates MB545 Object Oriented Programming.
- Old course MMS111A Human and Organizational Behavior validates (2 credits) MS112 Social Skill and Leadership (1 credit) and MB894 Moral and Professional Ethics (1 credit)
- Old course MMC411A Mechanisms and Machine Elements (4 credits) validates MC401 Machine Elements (1 credit)

Observation: Senior students are allowed to matriculate in a course in parallel with its prerequisite in the last year of study.

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

University Secretary

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Faculty Dean

Lima, September 7, 2016

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Stamp on the back of the document:

Central Office of Registers and Statistics