



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

COLLEGE: MECHANICAL ENGINEERING

PROGRAM: NAVAL ENGINEERING

STUDENT CODE: 20062583D

GIVEN NAMES: ANDY ROBINSON

ADMISSION YEAR: 2006

SURNAME: VILCHEZ AGUILAR

PAGE: 1 OF 2 - 2 OF 2

COURSE CODE	COURSE	CRED	GRADE	DATE
MMB146A	DIFFERENTIAL CALCULUS	05	10.6	2006-2
MMB163C	ANALYTIC AND VECTOR GEOMETRY	03	12.4	2006-2
MMB223A	PHYSICS I	05	11.3	2006-2
MMB311D	CHEMISTRY	05	10.1	2006-2
MMB843D	COMMUNICATION AND WRITING	01	15.0	2006-2
MMV112A	NAVAL FUNDAMENTALS	03	10.0	2006-2
MMC502C	DESCRIPTIVE GEOMETRY	03	10.0	2006-3
MMV107A	NAVAL DRAWING	04	18.8	2007-1
MMB543D	COMPUTING I	03	12.4	2007-2
MMC112A	MATERIALS SCIENCE	04	10.2	2007-2
MMC337E	STATICS	04	13.6	2007-2
MMS111A	HUMAN AND ORGANIZATIONAL BEHAVIOR	02	16.3	2007-2
MMB224A	PHYSICS II	05	13.0	2007-3
MMB164E	SUPERIOR ALGEBRA	03	11.8	2008-1
MMB226D	PHYSICS III	05	13.7	2008-1
MMB544F	OBJECT ORIENTED PROGRAMMING	03	10.4	2008-1
MMC212D	MANUFACTURING PROCESSES	05	12.5	2008-1
MMC338A	DYNAMICS	04	12.0	2008-1
MMB227A	PHYSICS IV	04	11.7	2008-2
MMC411A	MACHINE ELEMENTS	04	14.2	2008-2
MMB147D	INTEGRAL CALCULUS	05	12.6	2009-1
MML140C	ELECTRICAL CIRCUITS	04	10.2	2009-1
MMB148A	VECTOR CALCULUS	05	11.8	2009-2
MMB613C	STATISTICS AND PROBABILITIES	03	13.9	2009-2
MMC361D	MATERIALS STRENGTH	05	10.5	2009-2
MML121C	LABORATORY OF ELECTRICAL CIRCUITS	01	14.7	2009-2
MMV211A	VESSEL THEORY I	04	11.2	2009-2
MMB155C	DIFFERENTIAL EQUATIONS	05	10.5	2009-3
MML202E	ELECTRICAL MACHINES	04	11.6	2009-3
MMB536C	NUMERICAL METHODS	03	10.7	2010-1

COURSE CODE	COURSE	CRED	GRADE	DATE
MMC142A	CORROSION AND PROTECTION TECHNIQUES	03	15.0	2010-1
MMC516A	FINITE ELEMENTS	03	13.9	2010-1
MMN204A	FLUID MECHANICS	04	10.8	2010-1
MMV476A	NAVAL STRUCTURES I	04	10.2	2010-1
MMN121C	THERMODYNAMICS	05	10.0	2010-2
MMS311E	CONSTITUTION AND BUSINESS LAW	01	10.5	2010-2
MMV232A	VESSEL ELECTRICAL SYSTEM	03	13.5	2010-2
MMV323A	VESSEL AUXILIARY MACHINES	03	15.0	2010-2
MMV477A	NAVAL STRUCTURES II	04	10.3	2010-2
MMC234B	WELDING TECHNOLOGY I	05	10.5	2011-1
MMN465B	LABORATORY OF MECHANICAL ENGINEERING	01	12.4	2011-1
MMV335A	MARINE DIESEL ENGINES	03	11.1	2011-1
MMV435A	VESSEL HYDRODYNAMICS	04	10.0	2011-1
MMN310C	HEAT TRANSFER	03	11.1	2011-2
MMV315A	MARINE MACHINES I	04	13.9	2011-2
MMV436A	DRAG AND PROPULSION	04	12.5	2011-3
MMV214A	VESSEL THEORY II	03	10.0	2012-1
MMV456A	VESSEL DYNAMICS	04	11.0	2012-1
MMC571B	MECHANICAL VIBRATIONS	03	14.6	2012-2
MMS614A	ENVIRONMENT AND SUSTAINABILITY	02	10.0	2012-2
MMV423A	SHIP BUILDING TECHNOLOGY I	03	13.9	2012-2
MMV437A	LABORATORY OF NAVAL HYDRODYNAMICS I	02	12.3	2012-2
MMS213A	ENGINEERING ECONOMICS AND FINANCE	02	15.0	2012-3
MMC601D	RESEARCH METHODOLOGY	02	12.3	2013-1
MMT221D	CONTROL ENGINEERING	03	11.2	2013-1
MMV425A	SHIP BUILDING TECHNOLOGY II	04	12.8	2013-1
MMS525A	QUALITY INTEGRAL MANAGEMENT	02	12.5	2013-2
MMV316A	MARINE MACHINES II	04	10.2	2013-2
MMV615A	MARITIME LAW	02	10.6	2013-2
MMV643A	MANAGEMENT OF NAVAL INDUSTRY	03	11.8	2013-2
MMV461A	NAVAL PROJECT I	02	10.3	2014-1
MMV463A	NAVAL PROJECT II	03	10.3	2014-1
MXP100	CO-OP EXPERIENCE II	02	--	2014-1
MML830*	ELECTRONICS	03	12.0	2014-2
STUDENT CONDITION: GRADUATE				

**Total Credits: 217 (over 210 required)**

Student with curriculum change:

- Old course MMB311D Chemistry (5 credits) validates MB312 Chemistry (4 credits).
- Old course MMB843D Communication and Writing validates (1 credit) MB844 Communication and Writing (1 credit).

- Old course MMV112A Naval Fundamentals (3 credits) validates both MV113 Naval Fundamentals (1 credit).
- Old course Naval Drawing (4 credits) validates MV108 Naval Drawing (4 credits).
- Old course MMS111A Human and Organizational Behavior validates MS112 Social Skill and Leadership.
- Old course MMC212D Manufacturing Process validates MC216 Manufacturing Process.
- 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

Signed and Stamped

-----

Faculty Dean

Lima, November 3, 2015

B-0061949

B-0061950

Stamp on the back of the document:

Central Office of Registers and Statistics