



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

COLLEGE: MECHANICAL ENGINEERING

PROGRAM: MECHANICAL-ELECTRICAL ENGINEERING STUDENT CODE: 20100022K

GIVEN NAMES: CARLOS WYLLER ADMISSION YEAR: 2010

SURNAME: VILLANUEVA MACHADO PAGE: 1 OF 2 - 2 OF 2

COURSE CODE	COURSE	CRED	GRADE	DATE
MMB146C	DIFFERENTIAL CALCULUS	05	12.5	2010-1
MMB223E	PHYSICS I	05	12.2	2010-1
MMB312H	CHEMISTRY	04	11.2	2010-1
MMB844D	COMMUNICATION AND WRITING	01	17.1	2010-1
MMB894A	MORAL AND PROFESSIONAL ETHICS	01	16.0	2010-1
MMC501D	TECHNICAL DRAWING	01	17.0	2010-1
MMC502E	DESCRIPTIVE GEOMETRY	03	10.6	2010-1
MMB147A	INTEGRAL CALCULUS	05	11.6	2010-2
MMB165D	LINEAR ALGEBRA	03	13.9	2010-2
MMB224A	PHYSICS II	05	10.0	2010-2
MMC112G	MATERIALS SCIENCE	04	11.3	2010-2
MMC401D	MACHINE ELEMENTS	01	14.3	2010-2
MMC510D	MECHANICAL DRAWING I	03	14.8	2010-2
MMS112A	SOCIAL SKILLS AND LEADERSHIP	01	14.3	2010-2
MMB148B	VECTOR CALCULUS	05	16.9	2011-1
MMB226E	PHYSICS III	05	12.3	2011-1
MMB613A	STATISTICS AND PROBABILITIES	03	17.2	2011-1
MMC337A	STATICS	04	14.1	2011-1
MMC512F	MECHANICAL DRAWING II	03	14.0	2011-1
MMB155B	DIFFERENTIAL EQUATIONS	05	15.5	2011-2
MMB545A	OBJECT ORIENTED PROGRAMMING	04	11.4	2011-2
MMN114A	THERMODYNAMICS I	05	13.0	2011-2
MMN216B	FLUID MECHANICS I	04	10.8	2011-2
MML114A	ANALYSIS OF ELECTRICAL CIRCUITS I	05	12.8	2011-3
MMC338B	DYNAMICS	04	12.2	2012-1
MMC361B	MATERIALS STRENGTH	05	10.3	2012-1
MML115A	ANALYSIS OF ELECTRICAL CIRCUITS II	05	16.3	2012-1
MML124A	LABORATORY OF ELECTRICAL CIRCUITS I	01	15.3	2012-1
MMN116A	THERMODYNAMICS II	03	14.0	2012-1
MMN217A	FLUID MECHANICS II	03	11.3	2012-1

COURSE CODE	COURSE	CRED	GRADE	DATE
MMN412B	LABORATORY OF MECHANICAL ENGINEERING I	01	14.1	2012-1
MMB536D	NUMERICAL METHODS	03	10.9	2012-2
MMC216B	MANUFACTURING PROCESSES	04	13.9	2012-2
MML125A	LABORATORY OF ELECTRICAL CIRCUITS II	01	14.7	2012-2
MML214A	STATIC ELECTRICAL MACHINES	04	12.7	2012-2
MML432A	INTERIOR ELECTRICAL INSTALLATIONS	03	14.6	2012-2
MML837A	INDUSTRIAL ELECTRONICS I	04	13.0	2012-2
MMN463A	LABORATORY OF MECHANICAL ENGINEERING II	01	11.5	2012-2
MMC516E	FINITE ELEMENTS	03	13.5	2013-1
MMC763A	INDUSTRIAL SAFETY	03	11.1	2013-1
MML223B	LABORATORY OF STATIC ELECTRICAL MACHINES	01	15.2	2013-1
MML244A	ROTATING ELECTRICAL MACHINES	04	10.3	2013-1
MML313B	ELECTRICAL MEASUREMENTS	02	14.3	2013-1
MML423A	LIGHTING ENGINEERING	03	14.5	2013-1
MML839A	POWER ELECTRONICS	03	12.6	2013-1
MMN232A	TURBO MACHINERY I	04	12.0	2013-1
MMS213C	ENGINEERING ECONOMICS AND FINANCE	02	15.4	2013-1
MMC589A	DESIGN OF MACHINE ELEMENTS	05	11.0	2013-2
MML253A	LABORATORY OF ROTATING ELECTRICAL MACHINES	01	14.0	2013-2
MML452A	INDUSTRIAL ELECTRICAL INSTALLATIONS	03	15.3	2013-2
MML713A	HYDRO-ELECTRICAL POWER PLANTS	04	11.0	2013-2
MMN136A	INTERNAL COMBUSTION ENGINES	05	13.1	2013-2
MMN310C	HEAT TRANSFER	03	11.5	2013-2
MMS311B	CONSTITUTION AND BUSINESS LAW	01	16.2	2013-2
MMT221A	CONTROL ENGINEERING	03	12.2	2013-2
MMC601C	RESEARCH METHODOLOGY	02	11.6	2014-1
MMC612A	ENGINEERING PROJECTS	03	14.5	2014-1
MML511A	POWER SYSTEMS	04	10.9	2014-1
MML611A	ELECTRICAL CONTROL AND AUTOMATION	03	13.0	2014-1
MML951A	AUDIT OF ELECTRO-MECHANICAL SYSTEMS	03	14.9	2014-1
MMN374B	REFRIGERATION AND AIR CONDITIONING	03	12.2	2014-1
MMS223A	COSTS AND BUDGETS	02	16.0	2014-1
MMC142A	CORROSION AND PROTECTION TECHNIQUES	03	10.3	2014-2
MML520A	TRANSMISSION LINES	03	11.6	2014-2
MML633A	ELECTRICAL PROTECTION SYSTEMS	03	12.3	2014-2
MMS525C	QUALITY INTEGRAL MANAGEMENT	02	13.1	2014-2
MMN163*	THERMO-ELECTRICAL POWER PLANTS	04	12.0	2015-1
MXP100	CO-OP EXPERIENCE I	01	----	2015-1
STUDENT CONDITION: BACHELOR				

Total Credits: 213 (over 210 required)

Observation: Senior students are allowed to matriculate in courses in parallel with their prerequisites 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, September 7, 2016

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Central Office of Registers and Statistics