



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

COLLEGE: MECHANICAL ENGINEERING
PROGRAM: MECHATRONICS ENGINEERING STUDENT CODE: 20100086I
GIVEN NAMES: ROMEL ENRIQUE ADMISSION YEAR: 2010
SURNAME: LOLI SALCEDO PAGE: 1 OF 2 - 2 OF 2

COURSE CODE	COURSE	CRED	GRADE	DATE
MMB146E	DIFFERENTIAL CALCULUS	05	12.9	2010-1
MMB223A	PHYSICS I	05	11.8	2010-1
MMB312G	CHEMISTRY	04	13.7	2010-1
MMB844A	COMMUNICATION AND WRITING	01	16.5	2010-1
MMB894C	MORAL AND PROFESSIONAL ETHICS	01	17.0	2010-1
MMC505D	TECHNICAL DRAWING - DESCRIPTIVE GEOMETRY	03	10.4	2010-1
MMB147A	INTEGRAL CALCULUS	05	10.2	2010-2
MMB165D	LINEAR ALGEBRA	03	12.5	2010-2
MMB224E	PHYSICS II	05	11.9	2010-2
MMC112C	MATERIALS SCIENCE	04	13.5	2010-2
MMC401C	MACHINE ELEMENTS	01	12.6	2010-2
MMC509E	MECHANICAL DRAWING	03	14.6	2010-2
MMS112E	SOCIAL SKILLS AND LEADERSHIP	01	16.0	2010-2
MMB148C	VECTOR CALCULUS	05	14.2	2010-3
MMB155B	DIFFERENTIAL EQUATIONS	05	15.2	2011-1
MMB226E	PHYSICS III	05	14.7	2011-1
MMB545E	OBJECT ORIENTED PROGRAMMING	04	15.5	2011-1
MMB613C	STATISTICS AND PROBABILITIES	03	14.0	2011-1
MMC337A	STATICS	04	11.7	2011-1
MMB158A	COMPLEX VARIABLE AND FOURIER ANALYSIS	03	15.7	2011-2
MMC216C	MANUFACTURING PROCESSES	04	14.3	2011-2
MMC338A	DYNAMICS	04	13.0	2011-2
MMC361B	MATERIALS STRENGTH	05	11.4	2011-2
MML140A	ELECTRICAL CIRCUITS	04	10.5	2011-2
MMN121A	THERMODYNAMICS	05	13.3	2011-2
MML202D	ELECTRICAL MACHINES	04	13.5	2011-3
MMB536A	NUMERICAL METHODS	03	12.6	2012-1
MML121B	LABORATORY OF ELECTRICAL CIRCUITS	01	16.8	2012-1
MML831B	ANALYSIS AND DESIGN OF ELECTRONIC CIRCUITS	05	14.6	2012-1
MMN204A	FLUID MECHANICS	04	16.9	2012-1

COURSE CODE	COURSE	CRED	GRADE	DATE
MMT127B	ANALYSIS AND DESIGN OF DIGITAL CIRCUITS	05	18.0	2012-1
MMT235A	CLASSIC CONTROL	03	12.0	2012-1
MMC751A	METHODS ENGINEERING	03	11.0	2012-2
MMN310A	HEAT TRANSFER	03	13.8	2012-2
MMN465B	LABORATORY OF MECHANICAL ENGINEERING	01	14.3	2012-2
MMT227B	MODERN AND OPTIMAL CONTROL	03	12.4	2012-2
MMT247A	SENSORS AND SIGNAL CONDITIONING	03	13.1	2012-2
MMT516A	DYNAMICS OF MULTIBODY SYSTEMS	03	15.6	2012-2
MMT736A	RECONFIGURABLE MANUFACTURING SYSTEMS	03	16.6	2012-2
MMC571C	MECHANICAL VIBRATIONS	03	13.8	2013-1
MMC601A	RESEARCH METHODOLOGY	02	12.6	2013-1
MML839A	POWER ELECTRONICS	03	12.7	2013-1
MMT136A	EMBEDDED SYSTEMS	03	14.8	2013-1
MMT242B	ELECTRO-HYDRAULIC AND ELECTRO-PNEUMATIC SYSTEMS	04	17.6	2013-1
MMT335A	DATA COMMUNICATIONS AND INDUSTRIAL NETWORKS	03	10.9	2013-1
MMT417A	DIGITAL SIGNAL PROCESSING	03	13.0	2013-1
MMC516D	FINITE ELEMENTS	03	19.3	2013-2
MML452A	INDUSTRIAL ELECTRICAL INSTALLATIONS	03	16.6	2013-2
MMN136E	INTERNAL COMBUSTION ENGINES	05	14.2	2013-2
MMS614A	ENVIRONMENT AND SUSTAINABILITY	02	11.7	2013-2
MMT233A	PROCESS CONTROL	03	15.0	2013-2
MMT325A	DESIGN OF REAL TIME SYSTEMS	03	15.3	2013-2
MMT418A	DIGITAL SIGNAL PROCESSORS	03	14.1	2013-2
MMT517B	ROBOT ANALYSIS AND CONTROL	03	15.8	2013-2
MMN232A	TURBO MACHINERY I	04	12.5	2014-1
MMS213C	ENGINEERING ECONOMICS AND FINANCE	02	16.2	2014-1
MMT228A	DIGITAL CONTROL	03	12.9	2014-1
MMT616A	ARTIFICIAL INTELLIGENCE	04	14.9	2014-1
MMT723B	DESIGN OF AUTOMATIC MACHINES	04	14.0	2014-1
MMB313A	BIOLOGY FOR ENGINEERS	03	16.2	2014-2
MMS311B	CONSTITUTION AND BUSINESS LAW	01	15.3	2014-2
MMS525B	QUALITY INTEGRAL MANAGEMENT	02	14.8	2014-2
MMT818A	MECHATRONICS PROJECT	04	12.3	2014-2
MXP100	CO-OP EXPERIENCE I	01	--	2014-2
STUDENT CONDITION: BACHELOR				

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

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University Secretary

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Faculty Dean

Lima, October 21, 2015

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