



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

COLLEGE: MECHANICAL ENGINEERING

PROGRAM: MECHANICAL-ELECTRICAL ENGINEERING      STUDENT CODE: 20102025G

GIVEN NAMES: GUILLERMO DAVID      ADMISSION YEAR: 2010

SURNAME: ESCATE TERRONES      PAGE: 1 OF 2 - 2 OF 2

COURSE CODE	COURSE	CRED	GRADE	DATE
MMB146E	DIFFERENTIAL CALCULUS	05	12.8	2010-1
MMB223D	PHYSICS I	05	11.0	2010-1
MMB312E	CHEMISTRY	04	14.4	2010-1
MMB844E	COMMUNICATION AND WRITING	01	18.0	2010-1
MMB894C	MORAL AND PROFESSIONAL ETHICS	01	16.0	2010-1
MMC501C	TECHNICAL DRAWING	01	18.2	2010-1
MMC502D	DESCRIPTIVE GEOMETRY	03	12.0	2010-1
MMB165A	LINEAR ALGEBRA	03	14.0	2010-2
MMC112E	MATERIALS SCIENCE	04	13.9	2010-2
MMC401D	MACHINE ELEMENTS	01	15.0	2010-2
MMC510D	MECHANICAL DRAWING I	03	13.5	2010-2
MMS112A	SOCIAL SKILLS AND LEADERSHIP	01	16.3	2010-2
MMB147A	INTEGRAL CALCULUS	05	12.9	2010-3
MMB224A	PHYSICS II	05	14.6	2010-3
MMB148B	VECTOR CALCULUS	05	15.5	2011-1
MMB226E	PHYSICS III	05	11.3	2011-1
MMB545A	OBJECT ORIENTED PROGRAMMING	04	15.2	2011-1
MMC337D	STATICS	04	13.0	2011-1
MMC512F	MECHANICAL DRAWING II	03	15.7	2011-1
MMB155A	DIFFERENTIAL EQUATIONS	05	13.0	2011-2
MMB613C	STATISTICS AND PROBABILITIES	03	14.1	2011-2
MMC338B	DYNAMICS	04	11.9	2011-2
MMN114A	THERMODYNAMICS I	05	17.3	2011-2
MMN216A	FLUID MECHANICS I	04	13.8	2011-2
MML114A	ANALYSIS OF ELECTRICAL CIRCUITS I	05	12.9	2011-3
MMN217A	FLUID MECHANICS II	03	13.0	2011-3
MMB536D	NUMERICAL METHODS	03	14.5	2012-1
MMC361B	MATERIALS STRENGTH	05	12.7	2012-1
MML115A	ANALYSIS OF ELECTRICAL CIRCUITS II	05	16.4	2012-1
MML124A	LABORATORY OF ELECTRICAL CIRCUITS I	01	15.5	2012-1

COURSE CODE	COURSE	CRED	GRADE	DATE
MMN116A	THERMODYNAMICS II	03	15.0	2012-1
MMN412B	LABORATORY OF MECHANICAL ENGINEERING I	01	14.1	2012-1
MMC216B	MANUFACTURING PROCESSES	04	14.5	2012-2
MML125A	LABORATORY OF ELECTRICAL CIRCUITS II	01	14.7	2012-2
MML214A	STATIC ELECTRICAL MACHINES	04	14.4	2012-2
MML432A	INTERIOR ELECTRICAL INSTALLATIONS	03	13.8	2012-2
MML837A	INDUSTRIAL ELECTRONICS I	04	14.8	2012-2
MMN463A	LABORATORY OF MECHANICAL ENGINEERING II	01	13.4	2012-2
MMN232A	TURBO MACHINERY I	04	11.7	2012-3
MMC516A	FINITE ELEMENTS	03	12.1	2013-1
MML223B	LABORATORY OF STATIC ELECTRICAL MACHINES	01	14.6	2013-1
MML244A	ROTATING ELECTRICAL MACHINES	04	11.7	2013-1
MML313B	ELECTRICAL MEASUREMENTS	02	14.6	2013-1
MML839A	POWER ELECTRONICS	03	11.8	2013-1
MMN136E	INTERNAL COMBUSTION ENGINES	05	12.6	2013-1
MMN310A	HEAT TRANSFER	03	13.5	2013-1
MMC589B	DESIGN OF MACHINE ELEMENTS	05	12.5	2013-2
MMC601C	RESEARCH METHODOLOGY	02	18.3	2013-2
MML253A	LABORATORY OF ROTATING ELECTRICAL MACHINES	01	14.0	2013-2
MML452A	INDUSTRIAL ELECTRICAL INSTALLATIONS	03	14.6	2013-2
MML511A	POWER SYSTEMS	04	13.0	2013-2
MML713A	HYDRO-ELECTRICAL POWER PLANTS	04	15.8	2013-2
MMS311B	CONSTITUTION AND BUSINESS LAW	01	19.0	2013-2
MMT221A	CONTROL ENGINEERING	03	11.1	2013-2
MXA100	EXTRA-CURRICULAR ACTIVITIES I	01	----	2013-2
MMS213A	ENGINEERING ECONOMICS AND FINANCE	02	16.4	2013-3
MMC612A	ENGINEERING PROJECTS	03	15.0	2014-1
MML423A	LIGHTING ENGINEERING	03	14.0	2014-1
MML520A	TRANSMISSION LINES	03	13.3	2014-1
MML611A	ELECTRICAL CONTROL AND AUTOMATION	03	14.0	2014-1
MML951A	AUDIT OF ELECTRO-MECHANICAL SYSTEMS	03	14.5	2014-1
MMN163B	THERMO-ELECTRICAL POWER PLANTS	04	11.6	2014-1
MMN374B	REFRIGERATION AND AIR CONDITIONING	03	12.0	2014-1
MXA200	EXTRA-CURRICULAR ACTIVITIES II	02	----	2014-1
MML633A	ELECTRICAL PROTECTION SYSTEMS	03	11.6	2014-2
MMS223A	COSTS AND BUDGETS	02	18.0	2014-2
MMS525B	QUALITY INTEGRAL MANAGEMENT	02	14.6	2014-2
MXP200	CO-OP EXPERIENCE II	02	----	2014-2
STUDENT CONDITION: BACHELOR				

**Total Credits: 211 (over 210 required)**

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

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