



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

COLLEGE: INDUSTRIAL AND SYSTEMS ENGINEERING  
 PROGRAM: SYSTEMS ENGINEERING                      STUDENT CODE: 20134518I  
 GIVEN NAMES: RENE ANTONIO                              ADMISSION YEAR: 2013  
 SURNAME: BACA PEREZ                                      PAGE: 1 OF 2 - 2 OF 2

COURSE CODE	COURSE	CRED	GRADE	DATE
ICB101W	ANALYTICAL GEOMETRY	03	11.2	2013-2
ICB121W	DIFFERENTIAL CALCULUS	05	15.2	2013-2
ICB201U	GENERAL CHEMISTRY	04	12.7	2013-2
ICB501U	ENGINEERING DRAWING	03	13.8	2013-2
IHS101U	PERSONAL DEVELOPMENT	02	14.0	2013-2
IHS111U	ORAL AND WRITTEN COMMUNICATION	03	12.5	2013-2
IST101V	INTRODUCTION TO SYSTEMS ENGINEERING	03	15.0	2013-2
ICB131U	INTEGRAL CALCULUS	05	16.1	2013-3
IHS141U	PHILOSOPHY AND ETHICS	02	15.3	2013-3
ICB111U	LINEAR ALGEBRA	03	10.7	2014-1
ICB402W	STATISTICS AND PROBABILITIES	03	14.5	2014-1
IHS121V	METHODOLOGY OF SCIENTIFIC RESEARCH	03	16.9	2014-1
IHS201U	CONSTITUTION AND HUMAN RIGHTS	02	19.3	2014-1
IST103V	SYSTEMS GENERAL THEORY	03	13.5	2014-1
IST221W	ALGORITHMS AND DATA STRUCTURES	03	15.8	2014-1
ICB112W	DISCRETE MATHEMATICS	03	14.3	2014-2
ICB132W	MULTIVARIABLE CALCULUS	05	12.4	2014-2
ICB302V	PHYSICS I	05	13.0	2014-2
ICB412U	APPLIED STATISTICS	03	13.4	2014-2
IHS131W	SOCIOLOGY	02	14.0	2014-2
IST113U	OPERATIONS RESEARCH I	03	10.0	2014-2
IST202V	STRUCTURED PROGRAMMING LANGUAGES	03	10.9	2014-2
ICB142U	DIFFERENTIAL EQUATIONS	05	15.6	2014-3
IGP202U	MICROECONOMY	03	12.4	2014-3
ICB122U	NUMERICAL CALCULUS	03	11.0	2015-1
ICB312W	PHYSICS II	05	12.1	2015-1
IGP102U	ORGANIZATION AND METHODS	03	12.8	2015-1
IGP203W	MACROECONOMY	03	10.8	2015-1
IGP403V	PRODUCTION SYSTEMS	03	12.8	2015-1
IST232V	OBJECT ORIENTED PROGRAMMING	03	17.2	2015-1
ICB143V	APPLIED MATHEMATICS	03	16.1	2015-2

COURSE CODE	COURSE	CRED	GRADE	DATE
ICB313U	MODERN PHYSICS	03	12.1	2015-2
IGP122W	ENTREPRENEURIAL CREATIVITY	01	16.0	2015-2
IGP223W	FINANCIAL ACCOUNTING	03	13.3	2015-2
IST123U	OPERATIONS RESEARCH II	03	10.6	2015-2
IST133W	SYSTEMS DYNAMICS	03	18.0	2015-2
IST203V	DATA MODELING	03	13.5	2015-2
ITP103V	ELECTRICITY AND INDUSTRIAL ELECTRONICS	04	15.2	2015-2
IGP233U	COSTS ACCOUNTING AND BUDGETS	03	13.6	2016-1
IGP304U	BUSINESS LOGISTICS	03	13.0	2016-1
IGP314V	MARKETING	03	15.6	2016-1
IST124U	SIMULATION	03	16.5	2016-1
IST114V	DECISION THEORY	03	13.5	2016-1
IST213U	SYSTEMS DESIGN AND ANALYSIS	05	15.9	2016-1
IST344U	HUMAN SYSTEMS	02	14.8	2016-1
ITP123U	DIGITAL SYSTEMS	03	12.1	2016-1
IGP234U	ECONOMIC ANALYSIS IN ENGINEERING	03	15.1	2016-2
IGP235V	FINANCIAL MANAGEMENT	03	11.6	2016-2
IGP514U	INTERNATIONAL COMMERCE	03	10.1	2016-2
IGP515V	STRATEGIC PLANNING AND MANAGEMENT	03	10.7	2016-2
IHS204V	BUSINESS LEGISLATION	02	13.6	2016-2
IST204U	SOFTWARE ENGINEERING WORKSHOP I	03	14.0	2016-2
IST214U	DATA BASES ADMINISTRATION	03	12.4	2016-2
IST314U	COMPUTER ARCHITECTURE	03	15.7	2016-2
IST324V	OPERATING SYSTEMS	03	14.8	2016-2
IST205V	SPECIAL TOPICS IN SYSTEMS ENGINEERING	02	13.0	2017-1
IST235U	SYSTEMS ENGINEERING PROJECT I	02	14.3	2017-1
IST253U	DOCUMENTATION TECHNIQUES AND FILES	03	13.9	2017-1
IST254U	SOFTWARE QUALITY MANAGEMENT	03	13.7	2017-1
IST334U	DATA COMMUNICATION SYSTEMS	03	12.5	2017-1
IST414U	ARTIFICIAL INTELLIGENCE	03	16.4	2017-1
IGP525W	PROJECT DESIGN AND EVALUATION	04	11.8	2017-2
IST215V	INFORMATION SECURITY	03	13.7	2017-2
IST295U	BUSINESS ENGINEERING	03	10.9	2017-2
IST415U	ADVANCED ARTIFICIAL INTELLIGENCE	03	12.2	2017-2
IXP200U	CO-OP EXPERIENCE	02	16.5	2017-2
IHS301U	FOREIGN LANGUAGE I	02	16.8	2018-1
IST236U	SYSTEMS ENGINEERING PROJECT II	02	14.0	2018-1
IST255V	INFORMATION PROJECTS MANAGEMENT	03	14.4	2018-1
IST265U	KNOWLEDGE MANAGEMENT	03	12.6	2018-1
IST275U	INFORMATION SYSTEMS AUDITING	03	14.9	2018-1
IST285V	ELECTRONIC BUSINESS APPLICATIONS	03	12.1	2018-1
STUDENT CONDITION: GRADUATE				

**Total credits: 220 (over 220 required)**

Observation: Senior students are allowed to matriculate in a course in parallel with its prerequisite 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.

Signed and Stamped

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University Secretary

Signed and Stamped

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Faculty Dean

Lima, January 19, 2019

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Stamp on the back of the document:

Central Office of Registers and Statistics