



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

COLLEGE: CHEMICAL AND TEXTILE ENGINEERING  
PROGRAM: CHEMICAL ENGINEERING                      STUDENT CODE: 20100371E  
GIVEN NAMES: MELISSA CRISTINA                      ADMISSION YEAR: 2010  
SURNAME: PACHECO MACAVILCA                      PAGE: 1 OF 2 - 2 OF 2

COURSE CODE	COURSE	CRED	GRADE	DATE
QAU511B	TECHNICAL DRAWING	02	13.5	2010-1
QMA113B	MATHEMATICS I	04	12.1	2010-1
QPI100A	CHEMICAL AND TEXTILE ENGINEERING, INTRODUCT	01	12.1	2010-1
QPI118B	INFORMATION SYSTEMS AND TECHNICAL REPORTS	02	15.1	2010-1
QQU116B	CHEMISTRY I	03	12.1	2010-1
QQU117B	LABORATORY OF CHEMISTRY I	01	12.0	2010-1
QEM711A	INTRODUCTION TO MECHANICAL DRAWING	03	11.2	2010-2
QFI203B	PHYSICS I	05	10.4	2010-2
QMA114B	BASIC MATHEMATICS I	03	12.4	2010-2
QQU118A	CHEMISTRY II	03	11.2	2010-2
QQU119A	LABORATORY OF CHEMISTRY II	01	12.5	2010-2
QMA123B	MATHEMATICS II	04	10.8	2010-3
QMA124B	BASIC MATHEMATICS II	03	11.3	2010-3
QEP307B	MICROECONOMY	04	10.3	2011-1
QMA133B	MATHEMATICS III	06	12.3	2011-1
QMA713A	COMPUTER PROGRAMMING	03	14.5	2011-1
QQU214B	INORGANIC CHEMISTRY	04	11.3	2011-1
QQU215A	LABORATORY OF INORGANIC CHEMISTRY	01	12.4	2011-1
QFI204B	PHYSICS II	05	10.3	2011-2
QMA143A	MATHEMATICS IV	04	11.5	2011-2
QMA612A	STATISTICS AND DESIGN OF EXPERIMENTS	04	14.0	2011-2
QQU425B	PHYSICAL CHEMISTRY I	04	13.0	2011-2
QQU426B	LABORATORY OF PHYSICAL CHEMISTRY I	01	13.6	2011-2
QFI403A	PHYSICS III	05	10.2	2011-3
QQU434A	PHYSICAL CHEMISTRY II	04	13.0	2011-3
QEE102B	ELECTRICAL CIRCUITS AND INDUSTRIAL INSTALLATIONS	03	11.5	2012-1
QPI111B	MASS AND ENERGY BALANCE	03	13.4	2012-1
QPI523B	CALCULATIONS IN CHEMICAL ENGINEERING I	04	13.1	2012-1
QQU324B	ORGANIC CHEMISTRY I	04	10.6	2012-1
QQU325B	LABORATORY OF ORGANIC CHEMISTRY I	01	14.4	2012-1

COURSE CODE	COURSE	CRED	GRADE	DATE
QQU435B	LABORATORY OF PHYSICAL CHEMISTRY II	01	13.6	2012-1
QQU516A	QUALITATIVE CHEMICAL ANALYSIS	03	11.6	2012-1
QQU517A	LABORATORY OF QUALITATIVE CHEMICAL ANALYSIS	01	14.2	2012-1
QEC618B	MECHANICS AND MATERIALS STRENGTH	05	12.2	2012-2
QPA714B	OPERATIONS RESEARCH I	03	10.9	2012-2
QPI140A	TRANSPORT PHENOMENA	03	10.0	2012-2
QPI216A	THERMODYNAMICS FOR CHEMICAL ENGINEERING I	03	10.3	2012-2
QQU334B	ORGANIC CHEMISTRY II	04	10.1	2012-2
QQU335B	LABORATORY OF ORGANIC CHEMISTRY II	01	13.2	2012-2
QQU527B	LABORATORY OF QUANTITATIVE CHEMICAL ANALYSIS	01	13.5	2012-2
QFI152A	INTRODUCTION TO MODERN PHYSICS	04	10.6	2013-1
QPA113B	METHODS ENGINEERING I	04	11.7	2013-1
QPA515A	MARKETING	02	12.0	2013-1
QPI142A	MOMENTUM TRANSFER	03	12.5	2013-1
QPI318C	INDUSTRY OF CHEMICAL PROCESSES	05	14.3	2013-1
QQU526A	QUANTITATIVE CHEMICAL ANALYSIS	05	13.6	2013-1
QEP818A	COSTS AND BUDGETS	03	16.6	2013-2
QPI143A	HEAT TRANSFER	03	12.8	2013-2
QPI144B	MASS TRANSFER	03	10.2	2013-2
QPI146B	OPERATIONS IN CHEMICAL ENGINEERING I	03	14.2	2013-2
QPI271A	THERMODYNAMICS FOR CHEMICAL ENGINEERING II	03	10.9	2013-2
QPI513B	INDUSTRIAL MATERIALS	02	11.3	2013-2
QPI721A	BIOCHEMISTRY AND MICROBIOLOGY	03	13.0	2013-2
QSA633A	INDUSTRIAL HYGIENE	03	13.3	2013-2
QPA136B	PRODUCTION PLANNING AND CONTROL	04	11	2013-3
QPI135A	LABORATORY OF UNIT OPERATIONS I	02	10.7	2014-1
QPI225B	CHEMICAL KINETICS AND REACTORS DESIGN I	03	12.7	2014-1
QPI415B	CONTROL INSTRUMENTATION	04	13.2	2014-1
QPI475A	PETROLEUM AND GAS REFINING PROCESSES	03	13.2	2014-1
QPI510B	ECONOMICS OF CHEMICAL PROCESSES	02	12.0	2014-1
QPI515C	CORROSION I	04	12.1	2014-1
QPI612B	SPECIAL TOPICS IN CHEMICAL ENGINEERING	04	11.0	2014-1
QPI826A	TREATMENT OF INDUSTRIAL EFFLUENTS	03	12.2	2014-1
QAHD65B	CONSTITUTION AND HUMAN RIGHTS	02	13.0	2014-2
QPI136B	LABORATORY OF UNIT OPERATIONS II	02	12.0	2014-2
QPI345A	OILS AND GREASES	02	14.0	2014-2
QPI355A	TREATMENT OF INDUSTRIAL WATER I	03	14.7	2014-2
QPI525B	PLANT DESIGN	04	10.7	2014-2
QPI911A	TECHNOLOGY AND BUSINESS MANAGEMENT	04	11.5	2014-2
QPI426*	PROCESS SIMULATION AND CONTROL	04	12.0	2015-1
STUDENT CONDITION: BACHELOR				

**Total credits: 211 (over 211 required)**

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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, September 7, 2016

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Central Office of Registers and Statistics