# NATIONAL UNIVERSITY OF ENGINEERING

## LIMA - PERU

## CENTRAL OFFICE OF REGISTERS AND STATISTICS

### OFFICIAL TRANSCRIPT

COLLEGE: CHEMICAL AND TEXTILE ENGINEERING

PROGRAM: CHEMICAL ENGINEERING STUDENT CODE: 20102613F

GIVEN NAMES: RONALD EDINSON ADMISSION YEAR: 2010

SURNAME: PAUCAR QUIROZ PAGE: 1 OF 2 - 2 OF 2

| COURSE CODE | COURSE | CRED | GRADE | DATE |
|---|---|---|---|---|
| QAU511A | TECHNICAL DRAWING | 02 | 17.3 | 2010-2 |
| QFI203A | PHYSICS I | 05 | 11.3 | 2010-2 |
| QMA113A | MATHEMATICS I | 04 | 11.5 | 2010-2 |
| QMA114A | BASIC MATHEMATICS I | 03 | 11.7 | 2010-2 |
| QPI100A | CHEMICAL AND TEXTILE ENGINEERING, INTRODUCT | 01 | 11.8 | 2010-2 |
| QPI118A | INFORMATION SYSTEMS AND TECHNICAL REPORTS | 02 | 14.3 | 2010-2 |
| QQU116A | CHEMISTRY I | 03 | 11.7 | 2010-2 |
| QQU117A | LABORATORY OF CHEMISTRY I | 01 | 12.6 | 2010-2 |
| QMA124B | BASIC MATHEMATICS II | 03 | 10.5 | 2010-3 |
| QEM711B | INTRODUCTION TO MECHANICAL DRAWING | 03 | 13.8 | 2011-1 |
| QEP307B | MICROECONOMY | 04 | 11.0 | 2011-1 |
| QMA123B | MATHEMATICS II | 04 | 14.0 | 2011-1 |
| QMA713C | COMPUTER PROGRAMMING | 03 | 10.0 | 2011-1 |
| QQU118B | CHEMISTRY II | 03 | 13.9 | 2011-1 |
| QQU119B | LABORATORY OF CHEMISTRY II | 01 | 12.2 | 2011-1 |
| QEP818A | COSTS AND BUDGETS | 03 | 11.9 | 2011-2 |
| QFI204B | PHYSICS II | 05 | 10.0 | 2011-2 |
| QMA133A | MATHEMATICS III | 06 | 11.4 | 2011-2 |
| QQU214A | INORGANIC CHEMISTRY | 04 | 13.6 | 2011-2 |
| QQU215A | LABORATORY OF INORGANIC CHEMISTRY | 01 | 12.6 | 2011-2 |
| QAHD65A | CONSTITUTION AND HUMAN RIGHTS | 02 | 10.3 | 2012-1 |
| QMA143A | MATHEMATICS IV | 04 | 14.8 | 2012-1 |
| QMA612A | STATISTICS AND DESIGN OF EXPERIMENTS | 04 | 11.9 | 2012-1 |
| QQU425A | PHYSICAL CHEMISTRY I | 04 | 16.0 | 2012-1 |
| QQU426A | LABORATORY OF PHYSICAL CHEMISTRY I | 01 | 15.5 | 2012-1 |
| QPI111A | MASS AND ENERGY BALANCE | 03 | 12.2 | 2012-2 |
| QPI523B | CALCULATIONS IN CHEMICAL ENGINEERING I | 04 | 10.9 | 2012-2 |
| QQU324B | ORGANIC CHEMISTRY I | 04 | 11.5 | 2012-2 |
| QQU325A | LABORATORY OF ORGANIC CHEMISTRY I | 01 | 14.5 | 2012-2 |
| QQU434A | PHYSICAL CHEMISTRY II | 04 | 11.6 | 2012-2 |

| COURSE CODE | COURSE | CRED | GRADE | DATE |
|---|---|---|---|---|
| QQU435B | LABORATORY OF PHYSICAL CHEMISTRY II | 01 | 14.6 | 2012-2 |
| QQU516B | QUALITATIVE CHEMICAL ANALYSIS | 03 | 14.0 | 2012-2 |
| QQU517A | LABORATORY OF QUALITATIVE CHEMICAL ANALYSIS | 01 | 10.0 | 2012-2 |
| QFI403A | PHYSICS III | 05 | 11.7 | 2013-1 |
| QPA714D | OPERATIONS RESEARCH I | 03 | 11.1 | 2013-1 |
| QPI140B | TRANSPORT PHENOMENA | 03 | 15.6 | 2013-1 |
| QPI216B | THERMODYNAMICS FOR CHEMICAL ENGINEERING I | 03 | 10.0 | 2013-1 |
| QQU334B | ORGANIC CHEMISTRY II | 04 | 10.3 | 2013-1 |
| QQU335B | LABORATORY OF ORGANIC CHEMISTRY II | 01 | 13.6 | 2013-1 |
| QQU527B | LABORATORY OF QUANTITATIVE CHEMICAL ANALYSIS | 01 | 12.7 | 2013-1 |
| QEC618B | MECHANICS AND MATERIALS STRENGTH | 05 | 13.9 | 2013-2 |
| QEE102B | ELECTRICAL CIRCUITS AND INDUSTRIAL INSTALLATIONS | 03 | 15.1 | 2013-2 |
| QPI142A | MOMENTUM TRANSFER | 03 | 11.3 | 2013-2 |
| QPI322B | INDUSTRIAL ELECTROCHEMISTRY | 03 | 14.6 | 2013-2 |
| QQU526A | QUANTITATIVE CHEMICAL ANALYSIS | 02 | 13.3 | 2013-2 |
| QFI152A | INTRODUCTION TO MODERN PHYSICS | 04 | 16.3 | 2013-3 |
| QPA113A | METHODS ENGINEERING I | 04 | 11.7 | 2013-3 |
| QPI143A | HEAT TRANSFER | 03 | 13.7 | 2014-1 |
| QPI217A | THERMODYNAMICS FOR CHEMICAL ENGINEERING II | 03 | 11.6 | 2014-1 |
| QPI318A | INDUSTRY OF CHEMICAL PROCESSES | 05 | 11.9 | 2014-1 |
| QPI513A | INDUSTRIAL MATERIALS | 02 | 10.4 | 2014-1 |
| QPI721A | BIOCHEMISTRY AND MICROBIOLOGY | 03 | 12.0 | 2014-1 |
| QPI144A | MASS TRASFER | 03 | 11.9 | 2014-2 |
| QPI146A | OPERATIONS IN CHEMICAL ENGINEERING I | 03 | 14.0 | 2014-2 |
| QPI345A | OILS AND GREASES | 02 | 13.3 | 2014-2 |
| QPI515B | CORROSION I | 03 | 10.5 | 2014-2 |
| QSA633A | INDUSTRIAL HYGIENE | 03 | 11.6 | 2014-2 |
| QPI225A | CHEMICAL KINETICS AND REACTORS DESIGN I | 03 | 10.2 | 2014-3 |
| QPI135A | LABORATORY OF UNIT OPERATIONS I | 02 | 10.1 | 2015-1 |
| QPI355A | TREATMENT OF INDUSTRIAL WATER I | 03 | 14.5 | 2015-1 |
| QPI415B | CONTROL INSTRUMENTATION | 03 | 12.0 | 2015-1 |
| QPI510A | ECONOMICS OF CHEMICAL PROCESSES | 03 | 12.2 | 2015-1 |
| QPI612B | SPECIAL TOPICS IN CHEMICAL ENGINEERING | 02 | 15.0 | 2015-1 |
| QPI824A | NATURAL GAS AND CONDENSATES | 04 | 10.7 | 2015-1 |
| QPI911A | TECHNOLOGY AND BUSINESS MANAGEMENT | 04 | 11.4 | 2015-1 |
| QPA136B | PRODUCTION PLANNING AND CONTROL | 04 | 10.4 | 2015-2 |
| QPI136A | LABORATORY OF UNIT OPERATIONS II | 02 | 11.7 | 2015-2 |
| QPI365A | POLYMERS I | 03 | 11.5 | 2015-2 |
| QPI426C | PROCESS SIMULATION AND CONTROL | 04 | 11.1 | 2015-2 |
| QPI525B | PLANT DESIGN | 04 | 12.6 | 2015-2 |

STUDENT CONDITION: BACHELOR

**Total credits: 212 (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 | Signed and Stamped |
| --- | --- |
| University Secretary | Faculty Dean |

Lima, September 7, 2016

B-0064923
B-0064924

Stamp on the back of the document:
Central Office of Registers and Statistics