



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

COLLEGE: CHEMICAL AND TEXTILE ENGINEERING
PROGRAM: CHEMICAL ENGINEERING STUDENT CODE: 20100360C
GIVEN NAMES: JACKELINE ADMISSION YEAR: 2010
SURNAME: ADVINCULA HERRERA PAGE: 1 OF 2 - 2 OF 2

| COURSE CODE | COURSE | CRED | GRADE | DATE |
|--------------------|---|-------------|--------------|-------------|
| QAU511A | TECHNICAL DRAWING | 02 | 15.0 | 2010-1 |
| QFI203A | PHYSICS I | 05 | 10.2 | 2010-1 |
| QMA113A | MATHEMATICS I | 04 | 13.8 | 2010-1 |
| QMA114A | BASIC MATHEMATICS I | 03 | 13.2 | 2010-1 |
| QPI100A | CHEMICAL AND TEXTILE ENGINEERING, INTRODUCTION | 01 | 13.4 | 2010-1 |
| QPI118A | INFORMATION SYSTEMS AND TECHNICAL REPORTS | 02 | 13.5 | 2010-1 |
| QQU116A | CHEMISTRY I | 03 | 14.1 | 2010-1 |
| QQU117A | LABORATORY OF CHEMISTRY I | 01 | 15.5 | 2010-1 |
| QEM711C | INTRODUCTION TO MECHANICAL DRAWING | 03 | 16.5 | 2010-2 |
| QMA123A | MATHEMATICS II | 04 | 10.7 | 2010-2 |
| QMA124B | BASIC MATHEMATICS II | 03 | 10.0 | 2010-2 |
| QMA713B | COMPUTER PROGRAMMING | 03 | 13.2 | 2010-2 |
| QQU118A | CHEMISTRY II | 03 | 10.8 | 2010-2 |
| QQU119A | LABORATORY OF CHEMISTRY II | 01 | 13.0 | 2010-2 |
| QEP307B | BUSINESS ECONOMICS I | 04 | 16.3 | 2011-1 |
| QFI204B | PHYSICS II | 05 | 10.4 | 2011-1 |
| QMA133B | MATHEMATICS III | 06 | 14.6 | 2011-1 |
| QQU214A | INORGANIC CHEMISTRY | 04 | 14.6 | 2011-1 |
| QQU215B | LABORATORY OF INORGANIC CHEMISTRY | 01 | 15.9 | 2011-1 |
| QAHD65A | CONSTITUTION AND HUMAN RIGHTS | 02 | 10.0 | 2011-2 |
| QMA143A | MATHEMATICS IV | 04 | 17.8 | 2011-2 |
| QMA612A | STATISTICS AND DESIGN OF EXPERIMENTS | 04 | 15.7 | 2011-2 |
| QQU425B | PHYSICAL CHEMISTRY I | 04 | 16.6 | 2011-2 |
| QQU426B | LABORATORY OF PHYSICAL CHEMISTRY I | 01 | 15.3 | 2011-2 |
| QFI403A | PHYSICS III | 05 | 13.8 | 2011-3 |
| QEE102B | ELECTRICAL CIRCUITS AND INDUSTRIAL INSTALLATIONS | 03 | 13.7 | 2012-1 |
| QPI111B | MASS AND ENERGY BALANCE | 03 | 15.2 | 2012-1 |
| QPI523B | CALCULATIONS IN CHEMICAL ENGINEERING I | 04 | 14.7 | 2012-1 |
| QQU324B | ORGANIC CHEMISTRY I | 04 | 14.4 | 2012-1 |
| QQU325A | LABORATORY OF ORGANIC CHEMISTRY I | 01 | 14.7 | 2012-1 |

| COURSE CODE | COURSE | CRED | GRADE | DATE |
|-----------------------------|--|------|-------|--------|
| QQU434A | PHYSICAL CHEMISTRY II | 04 | 13.6 | 2012-1 |
| QQU435C | LABORATORY OF PHYSICAL CHEMISTRY II | 01 | 15.7 | 2012-1 |
| QQU516A | QUALITATIVE CHEMICAL ANALYSIS | 03 | 13.3 | 2012-1 |
| QQU517A | LABORATORY OF QUALITATIVE CHEMICAL ANALYSIS | 01 | 13.2 | 2012-1 |
| QEC618B | MECHANICS AND MATERIALS STRENGTH | 05 | 11.8 | 2012-2 |
| QPA714B | OPERATIONS RESEARCH I | 03 | 11.4 | 2012-2 |
| QPI140A | TRANSPORT PHENOMENA | 03 | 11.3 | 2012-2 |
| QPI216A | THERMODYNAMICS FOR CHEMICAL ENGINEERING I | 03 | 10.7 | 2012-2 |
| QQU334B | ORGANIC CHEMISTRY II | 04 | 13.8 | 2012-2 |
| QQU335B | LABORATORY OF ORGANIC CHEMISTRY II | 01 | 14.6 | 2012-2 |
| QQU526B | QUANTITATIVE CHEMICAL ANALYSIS | 02 | 10.6 | 2012-2 |
| QQU527A | LABORATORY OF QUANTITATIVE CHEMICAL ANALYSIS | 01 | 12.7 | 2012-2 |
| QPI142A | MOMENTUM TRANSFER | 03 | 14.4 | 2012-3 |
| QFI152A | INTRODUCTION TO MODERN PHYSICS | 04 | 11.0 | 2011-1 |
| QPA113B | METHODS ENGINEERING I | 04 | 10.7 | 2011-1 |
| QPA515A | MARKETING | 02 | 13.0 | 2011-1 |
| QPI146B | OPERATIONS IN CHEMICAL ENGINEERING I | 03 | 15.4 | 2011-1 |
| QPI217A | THERMODYNAMICS FOR CHEMICAL ENGINEERING II | 03 | 13.2 | 2011-1 |
| QPI318A | INDUSTRY OF CHEMICAL PROCESSES | 05 | 13.3 | 2011-1 |
| QPI513B | INDUSTRIAL MATERIALS | 02 | 13.6 | 2011-1 |
| QPI721A | BIOCHEMISTRY AND MICROBIOLOGY | 03 | 13.8 | 2011-1 |
| QEP818B | COSTS AND BUDGETS | 03 | 17.1 | 2013-2 |
| QPI143A | HEAT TRANSFER | 03 | 13.0 | 2013-2 |
| QPI144A | MASS TRASFER | 03 | 13.7 | 2013-2 |
| QPI225A | CHEMICAL KINETICS AND REACTORS DESIGN I | 03 | 12.0 | 2013-2 |
| QPI322A | INDUSTRIAL ELECTROCHEMISTRY | 03 | 11.3 | 2013-2 |
| QPI515A | CORROSION I | 03 | 10.3 | 2013-2 |
| QPI135A | LABORATORY OF UNIT OPERATIONS I | 02 | 10.7 | 2014-1 |
| QPI415B | CONTROL INSTRUMENTATION | 03 | 12.7 | 2014-1 |
| QPI475A | PETROLEUM AND GAS REFINING PROCESSES | 04 | 13.2 | 2014-1 |
| QPI510A | ECONOMICS OF CHEMICAL PROCESSES | 03 | 13.2 | 2014-1 |
| QPI612A | SPECIAL TOPICS IN CHEMICAL ENGINEERING | 02 | 12.0 | 2014-1 |
| QPI824A | NATURAL GAS AND CONDENSATES | 04 | 12.1 | 2014-1 |
| QPI911A | TECHNOLOGY AND BUSINESS MANAGEMENT | 04 | 11.0 | 2014-1 |
| QHC443A | LUBRICANTS AND MINERAL OIL | 04 | 13.7 | 2014-2 |
| QPA136B | PRODUCTION PLANNING AND CONTROL | 04 | 11.5 | 2014-2 |
| QPI136A | LABORATORY OF UNIT OPERATIONS II | 02 | 11.8 | 2014-2 |
| QPI426C | PROCESS SIMULATION AND CONTROL | 04 | 14.1 | 2014-2 |
| QPI525B | PLANT DESIGN | 04 | 10.7 | 2014-2 |
| STUDENT CONDITION: GRADUATE | | | | |

Total Credits 211 (over 207 required)

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

University Secretary

Signed and Stamped

Faculty Dean

Lima, October 21, 2015

B-0061814

B-0061815

Stamp on the back of the document:

Central Office of Registers and Statistics