



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

COLLEGE: GEOLOGICAL, MINING AND METALLURGICAL ENGINEERING
PROGRAM: MINING ENGINEERING STUDENT CODE: 201003351
GIVEN NAMES: ADRIEL ADMISSION YEAR: 2010
SURNAME: MELENDEZ MALPARTIDA PAGE: 1 OF 2 - 2 OF 2

| COURSE CODE | COURSE | CRED | GRADE | DATE |
|-------------|--------------------------------|------|-------|--------|
| GAH101S | STUDY AND RESEARCH METHODOLOGY | 02 | 14.6 | 2010-1 |
| GAU511S | TECHNICAL DRAWING | 02 | 13.2 | 2010-1 |
| GFI203S | PHYSICS I | 05 | 11.1 | 2010-1 |
| GMA113S | MATHEMATICS I | 04 | 11.4 | 2010-1 |
| GMA114S | BASIC MATHEMATICS I | 03 | 16.6 | 2010-1 |
| GQU113S | CHEMISTRY I | 04 | 12.1 | 2010-1 |
| GAU521R | DESCRIPTIVE GEOMETRY | 04 | 12.2 | 2010-2 |
| GFI204R | PHYSICS II | 05 | 10.9 | 2010-2 |
| GMA123R | MATHEMATICS II | 04 | 13.2 | 2010-2 |
| GMA124S | BASIC MATHEMATICS II | 03 | 11.7 | 2010-2 |
| GQU114R | CHEMISTRY II | 04 | 12.5 | 2010-2 |
| GFI403S | PHYSICS III | 05 | 11.6 | 2011-1 |
| GGE001S | GENERAL GEOLOGY | 04 | 12.8 | 2011-1 |
| GMA311S | STATISTICS AND PROBABILITIES | 04 | 12.6 | 2011-1 |
| GMA333S | MATHEMATICS III | 05 | 11.5 | 2011-1 |
| GTM301S | GENERAL TOPOGRAPHY | 04 | 11.5 | 2011-1 |
| GGE413S | CRYSTALLOGRAPHY | 04 | 10.7 | 2011-2 |
| GMA401R | INFORMATICS | 03 | 15.0 | 2011-2 |
| GME211S | PHYSICAL-CHEMISTRY | 05 | 13.7 | 2011-2 |
| GME212R | CHEMICAL ANALYSIS | 03 | 12.0 | 2011-2 |
| GME315S | ELECTRICAL ENGINEERING | 03 | 10.4 | 2011-2 |
| GPA314R | LABOR RELATIONS | 02 | 16.6 | 2011-2 |
| GMA443R | MATHEMATICS IV | 05 | 11.4 | 2011-3 |
| GEC115R | RIGID BODY MECHANICS | 03 | 12.7 | 2012-1 |
| GEP111R | ECONOMY | 04 | 11.0 | 2012-1 |
| GGE323S | DESCRIPTIVE MINERALOGY | 04 | 12.6 | 2012-1 |
| GMI102R | INTRODUCTION TO MINING | 03 | 16.4 | 2012-1 |
| GMI611R | FLUID MECHANICS | 04 | 12.9 | 2012-1 |

| COURSE CODE | COURSE | CRED | GRADE | DATE |
|-----------------------------|---|------|-------|--------|
| GAHD65S | CONSTITUTION AND HUMAN RIGHTS | 02 | 14.3 | 2012-2 |
| GEC123S | STRENGTH OF MATERIALS | 03 | 13.0 | 2012-2 |
| GGE511R | STRUCTURAL GEOLOGY | 04 | 13.3 | 2012-2 |
| GMI105R | TUNNELS AND MATERIALS MOVEMENT | 03 | 13.1 | 2012-2 |
| GMI350R | NON-METALLICS AND THEIR MARKETING | 03 | 15.3 | 2012-2 |
| GPA103R | INTRODUCTION TO PRODUCTION ENGINEERING | 02 | 13.3 | 2012-2 |
| GTM302R | MINING TOPOGRAPHY | 03 | 13.0 | 2012-2 |
| GPA713R | OPERATIONS RESEARCH | 03 | 11.5 | 2012-3 |
| GEP801R | ACCOUNTING PRINCIPLES AND PROCEDURES | 02 | 16.6 | 2013-1 |
| GGE153S | PETROGRAPHY | 04 | 14.6 | 2013-1 |
| GMI115R | UNDERGROUND MINING EXPLOITATION METHODS | 05 | 13.4 | 2013-1 |
| GMI135R | ROCK MECHANICS I | 03 | 12.6 | 2013-1 |
| GMI213R | MINING SUPPORT SERVICES | 05 | 13.7 | 2013-1 |
| GMI223R | DESIGN OF MINING PLANTS | 03 | 12.2 | 2013-1 |
| GMI560R | GEOSTATISTICS I | 03 | 12.3 | 2013-1 |
| GME626R | MINERAL MARKETING | 03 | 15.0 | 2013-2 |
| GMI125R | SURFACE MINING EXPLOITATION METHODS | 05 | 12.6 | 2013-2 |
| GMI136R | ROCK MECHANICS II | 03 | 14.0 | 2013-2 |
| GMI245R | MINE VENTILATION | 03 | 16.5 | 2013-2 |
| GMI561R | GEOSTATISTICS II | 03 | 13.4 | 2013-2 |
| GPA218R | EQUIPMENT RELIABILITY AND REPLACEMENT | 02 | 14.5 | 2013-2 |
| GPA635R | BUSINESS ORGANIZATION AND ADMINISTRATION | 03 | 15.3 | 2013-2 |
| GXP400 | CO-OP EDUCATION IV | 04 | 14.0 | 2013-2 |
| GEP815R | COSTS | 02 | 13.6 | 2014-1 |
| GMI146R | ROCK BLASTING | 03 | 10.1 | 2014-1 |
| GMI160R | MINING PLANNING | 03 | 14.2 | 2014-1 |
| GMI233R | MINING SAFETY AND HYGIENE | 04 | 16.0 | 2014-1 |
| GMI250R | MINING AND ENVIRONMENT CARE | 03 | 12.9 | 2014-1 |
| GMI313R | CONTROL OF MINING OPERATIONS | 03 | 15.1 | 2014-1 |
| GMI315R | COMMUNICATIONS AND LEADERSHIP | 02 | 15.5 | 2014-1 |
| GMI325R | MINING ECONOMICS AND MINES VALUATION | 03 | 14.7 | 2014-1 |
| GMI515R | ANALYSIS OF MINING SYSTEMS | 03 | 12.0 | 2014-1 |
| GMI554R | PROJECTS AND REPORTS | 02 | 14.3 | 2014-1 |
| GMI570R | FORMULATION AND EVALUATION OF MINING PROJECTS | 03 | 12.3 | 2014-1 |
| STUDENT CONDITION: BACHELOR | | | | |

Total credits: 210 (over 210 required)

Observation: Senior students are allowed to matriculate in courses in parallel with their prerequisite in the last year of study.

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, September 07, 2016

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Stamp on the back of the document:

Central Office of Registers and Statistics