



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

COLLEGE: GEOLOGICAL, MINING AND METALLURGICAL ENGINEERING  
PROGRAM: METALLURGICAL ENGINEERING      STUDENT CODE: 20104143G  
GIVEN NAMES: LUIS CARLO      ADMISSION YEAR: 2010  
SURNAME: VARGAS JERI      PAGE: 1 OF 2 - 2 OF 2

| COURSE CODE | COURSE                           | CRED | GRADE | DATE   |
|-------------|----------------------------------|------|-------|--------|
| GAH101S     | STUDY AND RESEARCH METHODOLOGY   | 02   | 18.6  | 2010-1 |
| GAU511S     | TECHNICAL DRAWING                | 02   | 12.0  | 2010-1 |
| GFI203S     | PHYSICS I                        | 05   | 10.0  | 2010-1 |
| GMA113S     | MATHEMATICS I                    | 04   | 10.2  | 2010-1 |
| GMA114S     | BASIC MATHEMATICS I              | 03   | 15.5  | 2010-1 |
| GQU113S     | CHEMISTRY I                      | 04   | 13.5  | 2010-1 |
| GAU521R     | DESCRIPTIVE GEOMETRY             | 04   | 11.5  | 2010-2 |
| GFI204R     | PHYSICS II                       | 05   | 14.7  | 2010-2 |
| GMA123R     | MATHEMATICS II                   | 04   | 10.2  | 2010-2 |
| GMA124R     | BASIC MATHEMATICS II             | 03   | 15.6  | 2010-2 |
| GQU114R     | CHEMISTRY II                     | 04   | 12.5  | 2010-2 |
| GGE001S     | GENERAL GEOLOGY                  | 04   | 11.0  | 2011-1 |
| GMA311S     | STATISTICS                       | 04   | 13.3  | 2011-1 |
| GMA333S     | MATHEMATICS III                  | 05   | 11.3  | 2011-1 |
| GTM301S     | GENERAL TOPOGRAPHY               | 04   | 13.3  | 2011-1 |
| GFI403S     | PHYSICS III                      | 05   | 11.3  | 2011-2 |
| GMA401R     | INFORMATICS                      | 03   | 15.6  | 2011-2 |
| GME211R     | PHYSICAL CHEMISTRY               | 05   | 11.6  | 2011-2 |
| GME212R     | CHEMICAL ANALYSIS                | 03   | 12.5  | 2011-2 |
| GMA443R     | MATHEMATICS IV                   | 05   | 11.3  | 2011-3 |
| GEC123R     | MATERIALS STRENGTH               | 03   | 11.5  | 2012-1 |
| GGE413R     | CRYSTALLOGRAPHY                  | 04   | 10.5  | 2012-1 |
| GME311R     | METALLURGICAL PHYSICAL CHEMISTRY | 04   | 14.8  | 2012-1 |
| GME312R     | INSTRUMENTAL CHEMICAL ANALYSIS   | 03   | 13.8  | 2012-1 |
| GME315R     | ELECTRICAL ENGINEERING           | 03   | 11.5  | 2012-1 |
| GMI611R     | FLUID MECHANICS                  | 04   | 14.0  | 2012-1 |

| COURSE CODE                 | COURSE   | CRED | GRADE | DATE   |
|-----------------------------|--|------|-------|--------|
| GAHD65S                     | CONSTITUTION AND HUMAN RIGHTS                  | 02   | 16.0  | 2012-2 |
| GGE323S                     | DESCRIPTIVE MINERALOGY                         | 04   | 12.0  | 2012-2 |
| GMA195R                     | NUMERICAL METHODS                              | 03   | 12.4  | 2012-2 |
| GME320R                     | METALLURGICAL FUNDAMENTALS I                   | 04   | 13.4  | 2012-2 |
| GME322R                     | SOLIDIFICATION                                 | 04   | 10.4  | 2012-2 |
| GME323R                     | MATERIALS SCIENCE AND ENGINEERING              | 03   | 16.4  | 2012-2 |
| GME321R                     | MINERALS AND MATERIALS PROCESSING I            | 04   | 11.5  | 2013-1 |
| GME413R                     | METALLURGICAL FUNDAMENTALS II                  | 04   | 14.0  | 2013-1 |
| GME420R                     | MANUFACTURING ENGINEERING                      | 03   | 10.0  | 2013-1 |
| GME422R                     | EXTRACTIVE PROCESSES I                         | 04   | 15.7  | 2013-1 |
| GME428R                     | SMELTING                                       | 04   | 12.6  | 2013-1 |
| GME429R                     | PHYSICAL METALLURGY                            | 04   | 13.1  | 2013-1 |
| GME431R                     | ADMINISTRATION                                 | 03   | 14.1  | 2013-1 |
| GME421R                     | MINERALS AND MATERIALS PROCESSING II           | 04   | 10.1  | 2013-2 |
| GME423R                     | METALLURGICAL ENGINEERING                      | 03   | 13.2  | 2013-2 |
| GME424R                     | CERAMICS                                       | 03   | 11.4  | 2013-2 |
| GME521R                     | CORROSION AND MATERIALS DEGRADATION            | 03   | 13.2  | 2013-2 |
| GME527R                     | NON-DESTRUCTIVE TESTS                          | 03   | 15.0  | 2013-2 |
| GME621R                     | TECHNIQUES OF STRUCTURAL ANALYSIS OF MATERIALS | 03   | 13.0  | 2013-2 |
| GME623R                     | MINERALS MICROSCOPY                            | 03   | 10.4  | 2013-2 |
| GME624R                     | ORGANIC CHEMISTRY AND POLYMERS                 | 03   | 17.3  | 2013-2 |
| GMI315R                     | COMMUNICATIONS AND LEADERSHIP                  | 02   | 16.4  | 2013-2 |
| GXP300                      | CO-OP EXPERIENCE III                           | 03   | 16.0  | 2013-2 |
| GME427R                     | EXTRACTIVE PROCESSES II                        | 04   | 13.4  | 2014-1 |
| GME522R                     | IRON AND STEEL INDUSTRY                        | 04   | 12.7  | 2014-1 |
| GME523R                     | MATERIALS FORMING                              | 04   | 12.3  | 2014-1 |
| GME524R                     | MATERIALS STRUCTURES AND PROPERTIES            | 04   | 13.6  | 2014-1 |
| GME531R                     | BUSINESS MANAGEMENT                            | 03   | 16.3  | 2014-1 |
| GME626R                     | MINERALS MARKETING                             | 03   | 11.3  | 2014-1 |
| GMI250R                     | MINING AND ENVIRONMENTAL CARE                  | 03   | 12.5  | 2014-1 |
| GMI325R                     | MINING ECONOMIC AND MINES VALUATION            | 03   | 12.0  | 2014-1 |
| GME525R                     | PLANT DESIGN                                   | 03   | 10.1  | 2014-2 |
| GME540R                     | METALLURGICAL PROCESSES AND ENVIRONMENTAL CARE | 03   | 13.3  | 2014-2 |
| GXP100                      | CO-OP EXPERIENCE I                             | 01   | 16.0  | 2014-2 |
| STUDENT CONDITION: BACHELOR |  |      |       |        |

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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, October 21, 2015

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Central Office of Registers and Statistics