



SANTA MARIA CATHOLIC UNIVERSITY
AREQUIPA - PERU
CENTRAL OFFICE OF REGISTERS AND STATISTICS
OFFICIAL TRANSCRIPT

COLLEGE: PHYSICAL SCIENCES AND ENGINEERING
 PROGRAM: MECHANICAL ENGINEERING STUDENT CODE: 2012204051-09
 GIVEN NAMES: OLGIER ALEXANDER ADMISSION YEAR: 2012
 SURNAME: RODRIGUEZ PAYALICH PAGE: 1 TO 3

	COURSE	CRED	GRADE	YEAR
FIRST SEMESTER				
	PREPARATION FOR UNIVERSITY WORK	2.0	19	2012
	HUMAN DEVELOPMENT	2.0	17	2012
	ALGEBRA AND ANALYTIC GEOMETRY	4.0	17	2012
	MANUFACTURING PROCESSES I	5.0	17	2012
	MANUFACTURING MATERIALS I	3.0	15	2012
	ENGINEERING DRAWING I	5.0	15	2012
SECOND SEMESTER				
	ORAL AND WRITTEN COMMUNICATIONS	2.0	15	2012
	NATIONAL REALITY AND CITIZENSHIP	2.0	18	2012
	DIFFERENTIAL CALCULUS	4.0	17	2012
	MANUFACTURING PROCESSES II	5.0	18	2012
	MANUFACTURING MATERIALS II	3.0	16	2012
	ENGINEERING DRAWING II	5.0	16	2012
THIRD SEMESTER				
	CATHOLIC SOCIAL DOCTRINE	2.0	15	2013
	ECOLOGY AND ENVIRONMENT	2.0	18	2013
	INTEGRAL CALCULUS	4.0	20	2013
	PHYSICS I	4.0	15	2013
	COMPUTATIONAL MECHANICS I	1.5	15	2013
	STATICS	4.0	14	2013
	AUTOMOTIVE TECHNOLOGY I	2.5	16	2013
FOURTH SEMESTER				
	VECTOR CALCULUS	4.0	20	2013
	PHYSICS II	4.0	18	2013
	COMPUTATIONAL MECHANICS II	1.5	17	2013
	DYNAMICS	4.0	13	2013
	STATISTICS AND PROBABILITIES	3.0	14	2013

	COURSE	CRED	GRADE	YEAR
	AUTOMOTIVE TECHNOLOGY II	3.0	16	2013
FIFTH SEMESTER				
	APPLIED MATHEMATICS FOR ENGINEERS	4.0	17	2014
	STRENGTH OF MATERIALS I	3.0	18	2014
	ELECTRICAL CIRCUITS I	3.0	13	2014
	ELECTRONIC CIRCUITS I	3.0	13	2014
	FLUID MECHANICS I	4.0	11	2014
	THERMODYNAMICS I	3.0	13	2014
SIXTH SEMESTER				
	ETHICS IN ENGINEERING	2.0	17	2014
	STRENGTH OF MATERIALS II	3.0	16	2014
	ELECTRICAL CIRCUITS II	3.0	12	2014
	ELECTRONIC CIRCUITS II	3.0	13	2014
	FLUID MECHANICS II	3.0	12	2014
	THERMODYNAMICS II	3.0	14	2014
	ECONOMICS ENGINEERING	3.0	13	2014
SEVENTH SEMESTER				
	DESIGN OF MACHINE ELEMENTS I	3.0	15	2015
	ELECTRICAL MACHINES	3.0	16	2015
	TURBO-MACHINES	3.0	16	2015
	HEAT AND MASS TRANSFER	4.0	15	2015
	METHODOLOGY OF ENGINEERING RESEARCH	1.0	13	2015
	OLEO-HYDRAULICS AND PNEUMATICS I	3.0	14	2015
	MECHANISM DESIGN	4.0	14	2015
EIGHTH SEMESTER				
	DESIGN OF MACHINE ELEMENTS II	4.0	13	2015
	INDUSTRIAL ELECTRICAL INSTALLATIONS	1.0	12	2015
	SENSORS AND TRANSDUCERS	3.0	13	2015
	THERMAL-FLUIDS LABORATORY	1.0	16	2016
	INTERNAL COMBUSTION ENGINES	4.0	15	2015
	OLEO-HYDRAULICS AND PNEUMATICS II	3.0	15	2015
	WELDING TECHNOLOGY	4.0	13	2015
NINTH SEMESTER				
	CAD-CAM NUMERIC CONTROL I	1.5	12	2016
	INDUSTRIAL MACHINERY I	4.0	12	2016
	MACHINES STRUCTURES AND FOUNDATIONS I	4.0	16	2016
	MACHINE DESIGN I	1.5	12	2016
	REFRIGERATION AND AIR CONDITIONING	3.0	13	2016
	CONTROL ENGINEERING AND AUTOMATION	3.0	13	2016
	COSTS AND BUDGETS ENGINEERING	3.0	13	2016

	COURSE	CRED	GRADE	YEAR
	MANAGEMENT AND DISTRIBUTION OF INDUSTRIAL PLANTS	2.0	14	2016
TENTH SEMESTER				
	CAD-CAM NUMERIC CONTROL II	1.5	12	2016
	INDUSTRIAL MACHINERY II	4.0	14	2016
	MACHINES STRUCTURES AND FOUNDATIONS II	3.5	16	2016
	ENERGY SUPPLIES	4.0	14	2016
	MACHINE DESIGN II	1.5	12	2016
	MAINTENANCE ENGINEERING	3.0	11	2016
	MANAGEMENT, DIAGNOSIS AND EVALUATION OF INDUSTRIAL COMPANIES	3.0	14	2016
TOTAL CREDITS: 205				

The information in this certificate is as it appears in the official files of the Transcripts and Certificates Register Section to which it is referred for verification if necessary.

Grading system: From 0 to 20. Minimum approving grade: 11

Signed by the Head of the Transcripts and Certificates Register Section

Signed and sealed by the Head of the Academic Files and Registers Office

Signed and sealed by the Academic Vice-President

Signed and sealed by the General Secretary

Note: Amendments and scratches invalidate the document

Verified by SFH

Transcript number: 065966