



# MOI UNIVERSITY

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DEPUTY VICE-CHANCELLOR  
(Academics Research Extension & Student Affairs)  
MOI UNIVERSITY

30 SEP 2025

Sign:.....

EXAMINATIONS

P.O. Box 3900 - 30100, ELDORET

Upon the recommendation of Senate  
and on authority of the Council  
hereby confers upon

Velima Kerubo Obino

the degree of

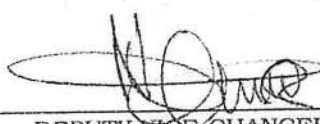
**Bachelor of Engineering  
in Chemical and Process Engineering**

**First Class Honours**

with all the rights and privileges  
thereunto appertaining in witness whereof  
we have hereunto affixed our signatures  
and the seal of the University

on the 16th day of December 2016

  
VICE-CHANCELLOR

  
DEPUTY VICE-CHANCELLOR  
(ACADEMICS, RESEARCH AND EXTENSION)

Tel: (053) 43001-8  
(053) 43620  
Fax: Tel: (053) 43047  
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P O Box 3900  
Eldoret  
Kenya

# MOI UNIVERSITY

OFFICE OF THE DEPUTY VICE CHANCELLOR  
(Academics, Research & Extension)  
UNDERGRADUATE ACADEMIC TRANSCRIPT

NAME OF STUDENT: **OBINO VELIMA KERUBO** REG. NO: **CPE/20/11**  
SCHOOL: **SCHOOL OF ENGINEERING**  
DEGREE PROGRAMME: **BACHELOR OF ENG. IN CHEMICAL & PROCESS ENG.**  
ACADEMIC YEAR: **2015/2016** YEAR OF STUDY: **V** SEMESTER **I & II**

| COURSE CODE | DESCRIPTIVE TITLE OF COURSE                | UNITS | MARKS | GRADES |
|-------------|--------------------------------------------|-------|-------|--------|
| CHP 490     | INDUSTRIAL ATTACHMENT II                   | 3     | 68    | B      |
| CHP 521     | INDUSTRIAL MANAGEMENT                      | 3     | 79    | A      |
| CHP 531     | INDUSTRIAL PROCESSES                       | 3     | 85    | A      |
| CHP 544     | SAFETY IN CHEMICAL INDUSTRIES              | 2     | 80    | A      |
| CHP 546     | PROCESS OPTIMIZATION                       | 3     | 71    | A      |
| CHP 584E    | PETROLEUM TECHNOLOGY                       | 3     | 82    | A      |
| CHP 589E    | POLYMER TECHNOLOGY                         | 3     | 68    | B      |
| CHP 590E    | INTRODUCTION TO PHARMACEUTICAL ENGINEERING | 3     | 88    | A      |
| CHP 591     | PLANT DESIGN PROJECT                       | 8     | 67    | B      |
| CHP 592     | CHEMICAL ENGINEERING PROJECT               | 4     | 71    | A      |
| CHP 593     | INDUSTRIAL LAW AND ETHICS                  | 3     | 75    | A      |
| IRD 305     | ENTREPRENEURSHIP FOR SMALL BUSINESS        | 3     | 77    | A      |
| MPE 504     | OPERATIONS RESEARCH                        | 3     | 94    | A      |
| CHP 593E    | FOOD PROCESS INDUSTRIES                    | 3     | 95    | A      |

TOTAL NUMBER OF COURSES TAKEN [ 14 ] FOURTEEN  
TOTAL NUMBER OF UNITS [ 47 ] FOURTY SEVEN

RESULT: **PASSED - QUALIFIED FOR THE AWARD OF BACHELOR OF ENG. IN CHEMICAL & PROCESS ENG. - FIRST CLASS HONOURS**

## KEY TO GRADING SYSTEM

|              |               |
|--------------|---------------|
| 70 and above | A (Excellent) |
| 60 - 69      | B (Good)      |
| 50 - 59      | C (Average)   |
| 49 and Below | D (Pass)      |
| 39 and below | E (Fail)      |

NOTE: A Semester is a period of 16 Weeks  
1 unit is equivalent to 1 contact hour per week

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15 MAR 2017

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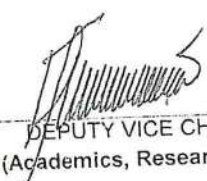
## EXPLANATION OF COURSES

|           |                       |
|-----------|-----------------------|
| 100 - 600 | Undergraduate Courses |
| 700 - 900 | Post-graduate Courses |

## OTHER KEYS

|                                      |
|--------------------------------------|
| Pass after Supplementary Examination |
| E Elective Course                    |

FOR:

  
DEPUTY VICE CHANCELLOR  
(Academics, Research & Extension)

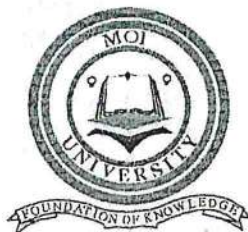
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SCHOOL: **SCHOOL OF ENGINEERING**  
DEGREE PROGRAMME: **BACHELOR OF ENG. IN CHEMICAL & PROCESS ENG.**  
ACADEMIC YEAR: **2014/2015** YEAR OF STUDY: **IV** SEMESTER **I & II**

| COURSE CODE | DESCRIPTIVE TITLE OF COURSE             | UNITS | MARKS | GRADES |
|-------------|-----------------------------------------|-------|-------|--------|
| CHP 492     | UNIT OPERATIONS LAB II                  | 1     | 90    | A      |
| CHP 390     | INDUSTRIAL ATTACHMENT I                 | 3     | 60    | B      |
| CHP 421     | PROCESS ECONOMIC                        | 3     | 81    | A      |
| CHP 431     | INDUSTRIAL POLLUTION CONTROL I          | 3     | 79    | A      |
| CHP 432     | INDUSTRIAL POLLUTION CONTROL II         | 3     | 69    | B      |
| CHP 444     | NON-FOSSIL ENERGY TECHNOLOGIES          | 2     | 77    | A      |
| CHP 445     | PROCESS MODELLING & SIMULATION          | 3     | 71    | A      |
| CHP 446     | PROCESS DYNAMICS & CONTROL              | 3     | 70    | A      |
| CHP 452     | MECHANICS OF NON-NEWTONIAN FLUIDS       | 3     | 74    | A      |
| CHP 453     | FLUID MECHANICS III                     | 3     | 88    | A      |
| CHP 461     | CHEMICAL ENGINEERING DESIGN I           | 3     | 74    | A      |
| CHP 462     | CHEMICAL ENGINEERING DESIGN II          | 3     | 77    | A      |
| CHP 474     | MASS TRANSFER III                       | 3     | 83    | A      |
| CHP 475     | MASS TRANSFER II                        | 3     | 75    | A      |
| CHP 476     | INTRODUCTION TO BIOCHEMICAL ENGINEERING | 3     | 72    | A      |
| CHP 481     | REACTOR ENGINEERING I                   | 3     | 82    | A      |
| CHP 482     | REACTOR ENGINEERING II                  | 3     | 76    | A      |
| CHP 491     | UNIT OPERATIONS LAB I                   | 1     | 80    | A      |

TOTAL NUMBER OF COURSES TAKEN [ 18 ] EIGHTEEN  
TOTAL NUMBER OF UNITS [ 49 ] FORTY NINE

RESULT: **PASSED - PROCEED TO FIFTH YEAR OF STUDY**

## KEY TO GRADING SYSTEM

70 and above A (Excellent)  
60 - 69 B (Good)  
50 - 59 C (Average)  
49 and Below D (Pass)  
39 and below E (Fail)

NOTE: A Semester is a period of 16 Weeks.

FOR:

*[Signature]*  
DEPUTY VICE CHANCELLOR  
(Academics, Research & Extension)

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## EXPLANATION OF COURSES

100 - 600 Undergraduate Courses  
700 - 900 Post-graduate Courses

## OTHER KEYS

Pass after Supplementary Examination  
E Elective Course

Wednesday, March 15, 2017

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SCHOOL : **SCHOOL OF ENGINEERING**

DEGREE PROGRAMME: **BACHELOR OF ENG. IN CHEMICAL & PROCESS ENG.**

ACADEMIC YEAR: **2013/2014** YEAR OF STUDY: **III** SEMESTER **I & II**

| COURSE CODE | DESCRIPTIVE TITLE OF COURSE           | UNITS | MARKS | GRADES |
|-------------|---------------------------------------|-------|-------|--------|
| CHP 290     | WORKSHOP PRACTICE                     | 3     | 74    | A      |
| CHP 311     | ANALYTICAL CHEMISTRY                  | 3     | 83    | A      |
| CHP 316     | MATERIAL SCIENCE                      | 3     | 81    | A      |
| CHP 341     | CHEMICAL THERMODYNAMICS I             | 3     | 65    | B      |
| CHP 342     | CHEMICAL THERMODYNAMICS II            | 3     | 74    | A      |
| CHP 344     | PROCESS MEASUREMENT & INSTRUMENTATION | 3     | 59    | C      |
| CHP 353     | PARTICLE TECHNOLOGY II                | 3     | 74    | A      |
| CHP 357     | FLUID MECHANICS I                     | 3     | 85    | A      |
| CHP 358     | FLUID MECHANICS II                    | 3     | 82    | A      |
| CHP 372     | MASS TRANSFER                         | 3     | 70    | A      |
| CHP 373     | HEAT TRANSFER                         | 3     | 63    | B      |
| CHP 374     | STEAM PLANT                           | 3     | 71    | A      |
| CHP 391     | CHEMICAL ENGINEERING PRACTICALS I     | 3     | 71    | A      |
| CHP 392     | CHEMICAL ENGINEERING PRACTICALS II    | 3     | 65    | B      |
| COE 301     | THERMODYNAMICS I                      | 3     | 72    | A      |
| ECE 301     | BASIC ELECTRONICS                     | 3     | 90    | A      |
| IRD 301     | INTRODUCTION TO ENGINEERING ECONOMICS | 3     | 74    | A      |

TOTAL NUMBER OF COURSES TAKEN [ 17 ] SEVENTEEN  
TOTAL NUMBER OF UNITS [ 51 ] FIFTY ONE

RESULT : **PASSED - PROCEED TO FOURTH YEAR OF STUDY**

## KEY TO GRADING SYSTEM

|              |               |
|--------------|---------------|
| 70 and above | A (Excellent) |
| 60 - 69      | B (Good)      |
| 50 - 59      | C (Average)   |
| 49 and Below | D (Pass)      |
| 39 and below | E (Fail)      |

NOTE: A Semester is a period of 16 Weeks  
1 unit is equivalent to 1 contact hour per week

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EXPLANATION OF COURSES  
100 - 600 Undergraduate Courses  
700 - 900 Post-graduate Courses

OTHER KEYS

\* Pass after Supplementary Examination  
\* Elective Course

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SCHOOL : **SCHOOL OF ENGINEERING**  
DEGREE PROGRAMME: **BACHELOR OF ENG. IN CHEMICAL & PROCESS ENG.**  
ACADEMIC YEAR: **2012/2013** YEAR OF STUDY: **II** SEMESTER **I & II**

| COURSE CODE | DESCRIPTIVE TITLE OF COURSE          | UNITS | MARKS | GRADES |
|-------------|--------------------------------------|-------|-------|--------|
| CVS 217     | SOLID MECHANICS                      | 3     | 50    | C      |
| CHP 213     | INORGANIC CHEMISTRY                  | 3     | 90    | A      |
| CHP 214     | ORGANIC CHEMISTRY                    | 3     | 78    | A      |
| CHP 216     | PHYSICAL CHEMISTRY                   | 3     | 74    | A      |
| CHP 225     | FOREIGN LANGUAGE I                   | 2     | 92    | A      |
| CHP 226     | FOREIGN LANGUAGE II                  | 2     | 86    | A      |
| CHP 242     | ENGINEERING THERMODYNAMICS           | 3     | 78    | A      |
| CHP 252     | PARTICLE TECHNOLOGY                  | 3     | 72    | A      |
| CHP 293     | PRIN. OF CHEMICAL PROC. CALCULATIONS | 3     | 70    | A      |
| CHP 294     | PRINCIPLES OF MASS & ENERGY BAL.     | 3     | 65    | B      |
| ECE 201     | ELECTRICAL TECHNOLOGY I              | 3     | 60    | B      |
| ECE 202     | CHEMISTRY FOR ENGINEERS              | 3     | 63    | B      |
| MAT 206     | NUMERICAL METHODS                    | 3     | 53    | C      |
| MAT 207     | ENGINEERING MATHEMATICS I            | 3     | 62    | B      |
| MAT 208     | ENGINEERING MATHEMATICS II           | 3     | 85    | A      |
| MPE 241     | MECHANICS OF MACHINES I              | 3     | 80    | A      |

TOTAL NUMBER OF COURSES TAKEN [ 16 ] SIXTEEN  
TOTAL NUMBER OF UNITS [ 46 ] FORTY SIX

RESULT : PASSED - PROCEED TO THIRD YEAR OF STUDY

## KEY TO GRADING SYSTEM

|              |               |
|--------------|---------------|
| 70 and above | A (Excellent) |
| 60 - 69      | B (Good)      |
| 50 - 59      | C (Average)   |
| 49 and Below | D (Pass)      |
| 39 and below | E (Fail)      |

NOTE: A Semester is a period of 16 Weeks.  
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## EXPLANATION OF COURSES

100 - 600 Undergraduate Courses  
700 - 900 Post-graduate Courses

## OTHER KEYS

\* Pass after Supplementary Examination  
E Elective Course

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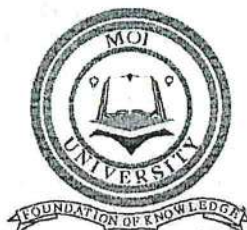
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DEGREE PROGRAMME: **BACHELOR OF ENG. IN CHEMICAL & PROCESS ENG.**  
ACADEMIC YEAR: **2011/2012** YEAR OF STUDY: **I** SEMESTER **I & II**

| COURSE CODE | DESCRIPTIVE TITLE OF COURSE              | UNITS | MARKS | GRADES |
|-------------|------------------------------------------|-------|-------|--------|
| IRD 103     | DEVELOPMENT CONCEPTS AND APPLICATIONS    | 3     | 64    | B      |
| COE 121     | INTRODUCTION TO COMPUTERS & APPLICATIONS | 2     | 69    | B      |
| COE 162     | INTRODUCTION TO PROGRAMMING              | 3     | 62    | B      |
| IRD 107     | COMMUNICATION SKILLS FOR ENGINEERS       | 3     | 81    | A      |
| MPE 161     | ENGINEERING DRAWING I                    | 3     | 51    | C      |
| MPE 166     | ENGINEERING DRAWING IIA                  | 3     | 49    | D      |
| PHY 105     | PHYSICS FOR ENGINEERS                    | 4     | 75    | A      |
| TEC 101     | BASIC ENGINEERING MATHEMATICS I          | 3     | 63    | B      |
| TEC 103     | BASIC ENGINEERING MATHEMATICS II         | 3     | 61    | B      |
| TEC 105     | INTRO. TO ENG. PROFESSION & SAFETY       | 2     | 69    | B      |
| TEC 106     | INTRODUCTION TO STATISTICS & PROBABILITY | 2     | 87    | A      |
| TEC 107     | HIV-AIDS AWARENESS                       | 2     | 77    | A      |
| TEC 111     | INTRODUCTION TO MATERIAL SCIENCE         | 3     | 81    | A      |
| TEC 112     | CHEMISTRY FOR ENGINEERS                  | 4     | 84    | A      |
| TEC 114     | BASIC MECHANICS                          | 3     | 57    | C      |

TOTAL NUMBER OF COURSES TAKEN [ 15 ] FIFTEEN  
TOTAL NUMBER OF UNITS [ 43 ] FOURTY THREE

RESULT : PASSED - PROCEED TO SECOND YEAR OF STUDY

## KEY TO GRADING SYSTEM

|              |               |
|--------------|---------------|
| 70 and above | A (Excellent) |
| 60 - 69      | B (Good)      |
| 50 - 59      | C (Average)   |
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