

GREETINGS!

By the authority of the Republic of the Philippines and upon the recommendation of the College and of the University Council, the Board of Regents has conferred on

Oliver D. Semblante

who has fulfilled all the requirements of the course, the degree of

Master of Science (Materials Science and Engineering)

with all the rights, honors, and privileges as well as the obligations and responsibilities thereunto appertaining.

IN TESTIMONY WHEREOF, the seal of the University and the signatures of the President, the Chancellor, the Secretary of the University, and the Dean are hereunto affixed.

Given in Quezon City, Philippines, on the 31st day of May of the year two thousand ten.

(Sgd) EMERLINDA R. ROMAN
President of the University

(Sgd) SERGIO S. CAO
Chancellor of U.P. Diliman

(Sgd) LOURDES E. ABADINGO
Secretary of the University

(Sgd) CAESAR A. SALOMA

Dean of College of Science

Certified Translation of the Original:

MARILYN R. CANTA, Ph.D. University Registrar

UNIVERSITY OF THE PHILIPPINES DILIMAN OFFICE OF THE UNIVERSITY REGISTRAR

OFFICIAL TRANSCRIPT OF RECORDS (Revised August 2011)

| | | , Name SEMBLANT | E, OLIV | ER DAN | TOT | |
|-----------------------------|--|--|---------------------|-------------|-----------------------|---------|
| Entrance Data: | | Student No. 07-79071 | Sex | Male | | |
| Date/Semester admitted | 1st Semester, 2007-2008 | Date & Place of Birth | Noven | nber 7, 19 | 83; Mandau | e City |
| Category | College Graduate | Father's Name | Wilfre | do Sembla | inte | |
| Diploma/Title/Degree | B.S. in Physics | Mother's Name | Edisa | Daniot | | |
| High School/College | University of San Carlos | Degree/Title/Course | MAST | ER OF SCI | ENCE | |
| Date graduated/last attende | ed March 20, 2004 | | | | | |
| NCEE Rating | Year Taken | Major | Mater | ials Scienc | e and Engin | eering |
| S.O. No.: | Date | Date Graduated | May 3 | 1, 2010 | | |
| | COLLEGIATE | RECORD | | G | RADES | |
| COURSE NUMBER | DESCRIPTIVE ' | TITLE OF THE COURSE | | FINAL | Re-exam Completion | CREDITS |
| Remarks | Entrance creder the University of of Bachelor of Scienze 2004. | ntials show graduation fro San Carlos with the degreence in Physics on March 20 pies of the official transcri e above school are attach | m ee), pt | | | |

Grading System: 1.0 - 1.25 - Excellent; 1.5 - 1.75 - Very Good; 2.0 - 2.25 - Good; 2.5 - 2.75 - Satisfactory; 3.0 - Pass; 4.0 Conditional; 5.0 - Fail; Inc - Incomplete.

II - Honors; P - Pass; F - Fail

Credits: One university unit of credit is one hour lecture or recitation each week for the period of a complete semester of 16 to 17 weeks. In all courses, two and a half to three hours of laboratory work, and, in technical courses, three hours of drafting or shop work, are regarded as the equivalent of one hour of recitation or lecture.

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Checked by Date 12-7-11
Updated by Date 12-7-11
Printed by jcadiz Date 2/8/12 fth
Issued by Date FR 14 2018-13-1



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| Name | SEMBLANTE, OLIVER DANIOT | | | |
|-------------|--------------------------|--|--|--|
| | | | | |
| Student No. | 07-79071 | | | |

| | | GI | GRADES | |
|--------------------------------------|---|----------|-----------------------|---------|
| COURSE NUMBER | DESCRIPTIVE TITLE OF THE COURSE | FINAL | Re-exam Completion | CREDITS |
| | COLLEGE OF SCIENCE | | | |
| | (Master's Program) | | | |
| 1st Semester, 2007-2008 | | | | |
| MSE 201 | Fundamentals of Materials Science and Engineering | 1 | | 3 |
| MSE 231 | Thermodynamics of Materials | 2.5 | | 3 |
| MSE 298 a | Special Problems | 1 | | 3 |
| MSE 298 b | Special Problems | 1.25 | | 3 |
| 2nd Semester, 2007-2008 | | | | |
| Met E 213 | Rate Processes | 2 | | 3 |
| MSE 214 | Laboratory Module in Vacuum Technologies and | | | |
| | Thin Film Deposition | 1 | | 1 |
| MSE 225 | X-Ray Crystallography and Spectrography | 1.5 | | 3 |
| MSE 245 MSE 245.1 | Semiconductor Characterization | 1 | | 2 |
| MSE 243.1 | Semiconductor Characterization Laboratory | 1 | | 2 |
| Summer, 2008 | | | | |
| MSE 211 | Laboratory Module in Transmitted Light Microscopy | 1.25 | | 1 |
| 1st Semester, 2008-2009 | | | | |
| MSE 216 | Laboratory Module in Ceramics Processing and | | | |
| | Characterization | 1 | | 2 |
| MSE 218 | Laboratory Module in Metallography | 1.75 | | 1 |
| MSE 241 | Physics of Solids | 1.75 | | 3 |
| MSE 265 | Ceramic Materials | 1.75 | | 3 |
| 2nd Semester, 2008-2009 | | | | |
| MSE 217 | Laboratory Module in Scanning Electron Microscopy | 1.5 | | 1 |
| MSE 251 | Mechanical Properties of Solids | 1.75 | | 3 |
| MSE 296 | Graduate Seminar | 1 | | 1 |
| MSE 300 | MS Thesis | In Progr | ess | |
| Summer, 2009 | | | | |
| Residence | | | | |
| 1st Semester, 2009-2010 | | | | |
| Residence | | | | |
| 2nd Compater 2000 2010 | | | | |
| 2nd Semester, 2009-2010 Residence | | | | |
| Residence | | | | |

Remarks

Continued on page 3

Grading System: 1.0 - 1.25 - Excellent; 1.5 - 1.75 - Very Good; 2.0 - 2.25 - Good; 2.5 - 2.75 - Satisfactory; 3.0 - Pass; 4.0 Conditional; 5.0 - Fail; Inc - Incomplete.

II - Honors; P - Pass; F - Fail

Credits: One university unit of credit is one hour lecture or recitation each week for the period of a complete semester of 16 to 17 weeks. In all courses, two and a half to three hours of laboratory work, and, in technical courses, three hours of drafting or shop work, are regarded as the equivalent of one hour of recitation or lecture.

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| Name | SEMBLANTE, OLIVER DANIOT | | | | |
|-------------|--------------------------|--|--|--|--|
| Student No. | 07-79071 | | | | |

| | | | GRADES | |
|-------------------------------------|---|-------|-----------------------|---------|
| COURSE NUMBER | DESCRIPTIVE TITLE OF THE COURSE | FINAL | Re-exam Completion | CREDITS |
| Summer, 2010 Residence (MSE 300) | MS Thesis* | Pass | | 6 |
| | *Thesis Title: "Synthesis of Aluminum Nitride Thin Film Using Reactive RF-Magnetron Sputtering" | | | |
| NO ENTRY FOLLOWS | -Graduated with the degree of MASTER OF SCIENCE (Materials Science and Engineering) on May 31, 2010 | | | |
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Grading System: 1.0 - 1.25 - Excellent; 1.5 - 1.75 - Very Good; 2.0 - 2.25 - Good; 2.5 - 2.75 - Satisfactory; 3.0 - Pass; 4.0 Conditional; 5.0 - Fail; Inc - Incomplete.

Cleared: February 6, 2012

H - Honors; P - Pass; F - Fail

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Remarks

EVANGELINE C. AMOR, Ph.p.
University Registrar