



**UNIVERSITY OF PUERTO RICO
MAYAGÜEZ CAMPUS
COLLEGE OF ARTS AND SCIENCES
NURSING DEPARTMENT
PROGRAM OF BACHELOR OF SCIENCES IN NURSING**

COURSE SYLLABUS

COURSE TITLE	: MEDICAL-SURGICAL NURSING I
COURSE NUMBER	: ENFE 4031
CREDIT-HOURS	: Six credits hours. Two hours of lecture, and two six-hour laboratories per week.
PRE/CO-REQUISITES	: ENFE 4002 or authorization of the Director of the Department.
DESCRIPTION	: Theories, concepts and principles which underline nursing interventions in the care of the medical surgical client from young adult into old age. Discussion of conditions on immunologic, endocrine, cardiovascular and respiratory system.

COURSE OUTCOMES:

At the end of the course the student will be able to:

1. Integrate theories, concepts and research findings, which underlie nursing intervention in the care of patients with major health problems.
2. Analyze nursing problems related to normal or disturbed, physiological body processes.
3. Evaluate the interrelatedness between the socio-cultural, physiological and organic systems of the patients.
4. Implement the nursing process as a systematic method in the ministering of care to patients in a variety of settings.
5. Recognize the interdependence of the health team in providing comprehensive care.
6. Function independently and collaboratively with the health team.
7. Intervene effectively in meeting the learning needs of the patient, and his family, when dealing with major health problems.
8. Develop beginning skills in advanced nursing interventions with patients undergoing complex procedures.
9. Apply critical thinking skills in clinical decision making situations, both in written and oral expressions.

ENFE 4031-COURSE SYLLABUS**PAGE 2**

Emphasis is given to integration of preventive measures, psychosocial aspects of illness, and patient-centered nursing care. Laboratory experiences are designed to assist the student in identifying nursing care needs, and in planning, providing and evaluating nursing care of patients in a hospital setting.

This course stresses the care of the patient with problems related to normal and disturbed physiological body processes common to the development of the young adult into old age. It stresses primary, secondary and tertiary preventive nursing measures and the pathophysiology involved. The major health problems affecting maturation and proliferation of cells, oxygenation and removal of carbon dioxide, cardiocirculatory and impairment of the chemical regulation are studied. The method of inquiry will be the nursing process and the systems approach.

COURSE OUTLINE AND SCHEDULE:

FECHAS	CONTENIDO
M-13 de agosto de 2018	INTRODUCCIÓN AL CURSO
T-14 de agosto de 2018 1.5	UNIDAD I-ENFERMERÍA EN SALUD Y ENFERMEDAD A. Sistema Ser Humano-Cliente: Adaptación-Crecimiento y Desarrollo-Continuo Salud-Enfermedad 1. Teoría de Sistema y Altos Niveles de Bienestar a. Responsabilidades del adulto sobre las prácticas de salud b. Objetivos del Sistema de Salud: Prevención, promoción, mantenimiento de la salud y rehabilitación 1) Servicios de Salud Prevención Primaria, Secundaria, Terciaria 2. Teorías de Crecimiento y Desarrollo 3. Necesidades Básicas y Adaptación a los cambios en el desarrollo a. Adulto joven b. Adulto medio c. Adulto de mayor edad 1. Estimado de salud
Th-16 de agosto de 2018	4. Adaptación del hombre a las alteraciones de salud: Continuo Salud/Enfermedad a. Teoría de enfermedad b. Fisiología vs. Fisiopatología c. Cuidado al final de la vida B. Sistema Enfermería Profesional: Rol: Ética Legal, Valores, Liderato-Investigación 1. Repaso del Proceso de Enfermería a. Estimado b. Diagnóstico de Enfermería c. Planificación d. Intervenciones e. Evaluación f. Documentación g. Revisión del plan 2. Situación para aplicar el Proceso de Enfermería 3. Rol de Enfermería Médico-Quirúrgico 4. Ética/Legal-Valores 5. Liderazgo 6. Investigación: Evidence Based

ENFE 4031-COURSE SYLLABUS**PAGE 3**

FECHAS	CONTENIDO
M-20 de agosto de 2018	C. Sistema Social: Comunicación-Relaciones Interpersonales-Enseñanza en Salud 1. Factores que afectan la comunicación, relaciones interpersonales y enseñanza en salud a través del ciclo de vida a. Teorías de aprendizaje del adulto b. Teorías de Comunicación c. Relaciones interpersonales
T-21 de agosto de 2018 2 hrs. 2 hrs.	UNIDAD II-CUIDADO DE ENFERMERÍA DEL CLIENTE ADULTO CON PROBLEMAS PARA REGULAR LA PROLIFERACIÓN Y MADURACIÓN DE LAS CÉLULAS A. La Célula 1. Mecanismos de función celular 2. Estructura y tejidos 3. Daño a la célula 4. Genética B. Respuesta inmune normal, inflamación, infección C. Enfermedades infecciosas 1. H.I.V. 2. MRSA (Methicillin-resistance Staphylococcus aureus)
Th-23 de agosto de 2018 1 hr. 1 hr. 2 hrs.	3. T.B. 4. Hepatitis PRESENTACIÓN ORAL #1-CUIDADO DE ENFERMERÍA EN PACIENTES CON DEPENDENCIA A OPIOIDES Y OTRAS SUSTANCIAS D. Desbalance de líquidos y electrólitos 1. Discusión de situación
M-27 de agosto de 2018	EXAMEN PARCIAL #1– UNIDAD I
T-28 de agosto de 2018	E. Principios básicos de farmacología PRESENTACIÓN ORAL #2 – ROL DE ENFERMERÍA EN LA ADMINISTRACIÓN DE ANTIBIÓTICOS F. Enfermería con personas experimentando desórdenes neoplásicos 1. Tumores malignos 2. Intervenciones de enfermería en la prevención, cuidado y rehabilitación del paciente con cáncer 3. Cuidado colaborativo-Modalidades de tratamiento a. Quimioterapia b. Radioterapia c. Inmunoterapia d. Cirugía e. Otras

ENFE 4031-COURSE SYLLABUS**PAGE 4**

FECHAS	CONTENIDO
Th-30 de agosto de 2018	PRESENTACIÓN ORAL #3 – CUIDADO DEL PACIENTE CON CÁNCER AVANZADO <ul style="list-style-type: none">• Home Care/Hospicio• End of Life Care• Espiritualidad• Impacto en la Familia• Manejo del Dolor G. Enfermería con personas experimentando desórdenes hematológicos <ol style="list-style-type: none">1. Discrasias sanguíneas2. Transfusión de sangre
M-3 de sept. de 2018	FERIADO: DÍA DEL TRABAJO
T-4 de sept. de 2018 3.30 hrs.	H. Enfermería con personas experimentando shock
Th-6 de sept. de 2018	UNIDAD III-CUIDADO DE ENFERMERÍA DEL CLIENTE ADULTO CON ALTERACIÓN EN LA REGULACIÓN QUÍMICA A. Repaso anatomía y fisiología del sistema endocrino y estimado <ol style="list-style-type: none">1. Problemas de salud comunes del sistema endocrino<ol style="list-style-type: none">a. Alteraciones endocrinas<ol style="list-style-type: none">1. Páncreas<ol style="list-style-type: none">a. Diabetes Mellitus PRESENTACIÓN ORAL #4 – MANEJO DEL PACIENTE DIABÉTICO EN EL HOGAR
M-10 de sept. de 2018	EXAMEN PARCIAL #2 – UNIDAD II
T-11 de sept. de 2018 2 hrs. 2 hrs. 2 hrs.	2. Pituitaria 3. Adrenales 4. Tiroides 5. Paratiroides
Th-13 de sept. de 2018	QUIZ #1 SHOCK (30 minutos) UNIDAD IV-CUIDADO DE ENFERMERÍA DEL CLIENTE ADULTO CON ALTERACIONES CARDIOVASCULARES A. Sistema Cardiovascular <ol style="list-style-type: none">1. Repaso anatomía, fisiología y electrofisiología2. Estimado del Sistema Cardiovascular - Pruebas diagnósticas<ol style="list-style-type: none">a. Práctica: Estimado Cardiovascular
M-17 de sept. de 2018	B. Electrofisiología-EKG normal
T-18 de sept. de 2018	C. Disritmias cardiacas

ENFE 4031-COURSE SYLLABUS**PAGE 5**

FECHAS	CONTENIDO
Th-20 de sept. de 2018	ORIENTACIÓN ÁREA CLÍNICA
M-24 de sept. de 2018	EXMEN PARCIAL #3 – UNIDAD III
T-25 de sept. de 2018	LABORATORIO CLÍNICO
Th-27 de sept. de 2018	LABORATORIO CLÍNICO
M-1 de oct. de 2018	D. Hipertensión arterial
T-2 de oct. de 2018	LABORATORIO CLÍNICO PRESENTACIÓN ORAL #5 – ROL DE ENFERMERÍA EN LA ADMINISTRACIÓN DE MEDICAMENTOS ANTIDISRÍTMICOS
Th-4 de oct. de 2018	QUIZ #2 – ELECTROFISIOLOGÍA Y DISRITMIAS (25 MINUTOS) LABORATORIO CLÍNICO
M-8 de oct. de 2018	FERIADO: DÍA DE LA RAZA
Martes, 9 de oct. de 2018 Lunes Académico	E. Enfermedades isquémicas del corazón
Th-11 de oct. de 2018	LABORATORIO CLÍNICO PRESENTACIÓN ORAL #6 – ROL DE ENFERMERÍA EN LA ADMINISTRACIÓN DE MEDICAMENTOS ANTIHIPERTENSIVOS
M-15 de oct. de 2018	F. Fallo cardiaco G. Edema pulmonar
T-16 de oct. de 2018	LABORATORIO CLÍNICO
Th-18 de oct. de 2018	LABORATORIO CLÍNICO
M-22 de oct. de 2018	H. Alteraciones periferovasculares 1. Aneurisma 2. Trombosis profunda de venas (DVT)
T-23 de oct. de 2018	LABORATORIO CLÍNICO

ENFE 4031-COURSE SYLLABUS**PAGE 6**

FECHAS	CONTENIDO
Th-25 de oct. de 2018	LABORATORIO CLÍNICO GUÍA PARA LA REDACCIÓN DE CASOS DE ESTUDIOS
M-29 de oct. de 2018	I. Enfermedades inflamatorias
T-30 de oct. de 2018	J. Cirugía cardiaca UNIDAD V-CUIDADO DE ENFERMERÍA DEL CLIENTE ADULTO CON PROBLEMAS DE OXIGENACIÓN Y REMOCIÓN DE BIÓXIDO DE CARBONO A. Sistema Respiratorio 1. Repaso anatomía y fisiología, estimado y estudios diagnósticos 2. Práctica
Th-1 de nov. de 2018	3. Balance ácido-base
M-5 de oct. de 2018	EXAMEN PARCIAL #4 - UNIDAD IV
T-6 de nov. de 2018	B. Desórdenes Obstructivos 1. Bronquitis crónica 2. Enfisema C. Asma D. Pneumonía
Th-8 de nov. de 2018	QUIZ #3 – BALANCE ÁCIDO-BASE E. Cáncer de pulmón F. Cáncer de laringe
M-12 de nov. de 2018	FERIADO: DÍA DEL VETERANO
T-13 de nov. de 2018	G. ARDS-Fallo Respiratorio H. Trauma de pecho PRESENTACIÓN ORAL #7-MANEJO DEL PACIENTE CON TUBO DE PECHO
Th-15 de nov. de 2018	J. Modalidades de Cuidado Respiratorio 1. Oxigenoterapia 2. Ventilación mecánica 3. Traqueotomía PRESENTACIÓN ORAL #8-CUIDADO DE ENFERMERÍA DEL CLIENTE CON VENTILADOR MECÁNICO
M-19 de nov. de 2018	FERIADO : DÍA DE CULTURA PUERTORRIQUEÑA Y DESCUBRIMIENTO DE PR

ENFE 4031-COURSE SYLLABUS**PAGE 7**

FECHAS	CONTENIDO
T-20 de nov. de 2018 Lunes Académico	I. Embolia pulmonar
Th-22 nov. de 2018	RECESO DE ACCIÓN DE GRACIAS
M-26 de nov. de 2018	PRELIMINAR ESTUDIO DE CASO
T-27 de nov. de 2018	PRESENTACIÓN ESTUDIO DE CASO
Th-29 de nov. de 2018	PRESENTACIÓN ESTUDIO DE CASO
M-4 de dic. de 2018	ÚLTIMO DÍA DE CLASES
EXAMEN FINAL	EXÁMENES FINALES DEL 7 AL 15 DE DICIEMBRE DE 2018 FECHA ASIGNADA POR REGISTRADOR

Course Outline and Schedule - Sujeto a cambios

DEADLINE FOR TEST AND ASSIGNMENT/OTHERS:

- Deadline are given for each test, assignment and special works and all are due on or before the stated due dates.

LEGEND:

- ✓ Day-Month-Year
 (M-Monday) (T-Tuesday) (W-Wednesday) (Th-Thursday) (F-Friday)

TESTS:

M-August 27, 2018	Test I	Unit I
M-September 10, 2018	Test II	Unit II
M-September 24, 2018	Test III	Unit III
M-November 5, 2018	Test IV	Unit IV
7-15-December 2018 - Asignado por Oficina del Registrador	Test (V Final)	Unit I-V

ENFE 4031-COURSE SYLLABUS**PAGE 8****SPECIAL TOPICS PRESENTATIONS:**

Th-23 de agosto de 2018	#1-Cuidado de Enfermería en Pacientes con Dependencia Opioides y otras Sustancias
T-28 de agosto de 2018	#2-Rol de Enfermería en la Administración de Antibióticos
Th-30 de agosto de 2018	#3-Cuidado del Paciente con Cáncer Avanzado
Th-6 de sept. de 2018	#4-Manejo del Paciente Diabético en el Hogar
T-2 de oct. de 2018	#5-Rol de Enfermería en la Administración de Medicamentos Antidisrítmicos
Th-11 de oct. de 2018	#6-Rol de Enfermería en la Administración de Medicamentos Antihipertensivos
T-13 de nov. de 2018	#7-Manejo del Paciente con Tubo de Pecho
Th-15 de nov. de 2018	#8-Cuidado de Enfermería del Cliente con Ventilador Mecánico

QUIZES:

Th-13 de sept. 2018	Shock
M-1 de oct. de 2018	Electrophysiology and Cardiac Dysrhythmias
Th-8 de nov. de 2018	Acid-Base Balance

CASE STUDY PRESENTATION:

- ⊕ (T) martes, 27 de nov. de 2018
- ⊕ (Th) jueves, 29 de nov. de 2018

SPECIAL TOPICS:

Oral presentations should be limited to 45- 60 minutes for each group.

INSTRUCTIONAL STRATEGIES:

- ⊕ Lectures
- ⊕ Cooperative learning
- ⊕ Small group assignment and discussion
- ⊕ Assignment
- ⊕ Study Guide
- ⊕ Interactive activities
- ⊕ Demonstration
- ⊕ Laboratory Practice: Simulations and in real scenarios (Hospital)
- ⊕ Ecourses for additional electronic learning resources only

ENFE 4031-COURSE SYLLABUS
PAGE 9

LEARNING RESOURCES:

- Interactive Room
- Simulated Laboratory
- Community Areas
 - Hospital
- General Library
- Computer Center
- Tutorial Center
- Textbook
- References books
- Laboratories equipment
- Ecourses for additional electronic learning resources only

EVALUATION STRATEGIES:

1. THEORY		50%
a. (4) Partials Exams; (1) Final Examination		
▪ Exam #1 – Unit I	5%	
▪ Exam #2 – Unit II	10%	
▪ Exam #3 – Unit III	10%	
▪ Exam #4 – Unit IV	10%	
▪ Exam #5 – Unit V and Final	10%	
▪ Quizzes	5%	

2. NURSING INTERVENTIONS		50%
a. Laboratory	35%	
b. Case Study	10%	
c. Group Presentation (<i>Special Topics</i>)	5%	

TOTALS	
✓ Theory	50%
✓ Clinical	35%
✓ Case Study	10%
✓ Group Presentation	5%
	100%

GRADING SYSTEM:

The grades at the Mayagüez Campus are as follows: A, excellent (4.0); B, good (3.0); C, satisfactory (2.0); D, passing, but deficient (1.0); F, failure (0); P, passing; W, authorized withdrawal. In the case of thesis or research in progress, the grades S (Satisfactory) and NS (Not Satisfactory) and NS (Not Satisfactory) will be used, but like the grade P, will not be considered in computing the grade point average. The same rule may apply in some seminars. **“C” is the minimum grade for passing any graduate and major courses in the Colleges of Business Administration, Engineering, and in the major courses in the Departments of Nursing, Mathematics, and Physical Education.** The minimum grade for passing other undergraduate course is “D”. (See Undergraduate Catalogue 2018-2019).

100-90 - A	89-80 - B	79-70 - C	69-60 - D	59-0 - F
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BIBLIOGRAPHY:

Textbooks:

Lewis, S., Bucher, L. Heilkemper, M., Harding, M. (2017). *Medical surgical nursing: Assessment and management of clinical problems* (10th ed.). New Jersey: Elsevier.

Carpenito, L.J. (2009). *Nursing care plans and documentation: Nursing diagnoses and collaborative problems* (5th ed.). Philadelphia: Lippincott Williams & Wilkins

Carpenito, L.J. (2013). *Nursing diagnoses: Application to clinical practice* (14th ed.). Philadelphia: J.B. Lippincott Company.

REFERENCES:

Internet Sites for Additional Information

Aging:

<http://www.portals.pdx.edu/~isidore/aging.htm/>

American Cancer Society:

<http://www.cancer.org/>

Cancer Guide:

<http://cancerguide.org/>

Diabetes News:

<http://www.diabetesnews.com>

Other Interactive materials

Ecourses

Alfaro-LeFevre, R. (2009). *Critical thinking and clinical judgments: A practical approach* (4nd ed.). Philadelphia: Elsevier.

Fischbach, F. (2008). *A manual of laboratory & diagnostic tests* (8th ed.). Philadelphia: Lippincott.

Gulanick, M. & Myers. J. L. (2011). *Nursing care plans, nursing diagnosis, intervention, and outcomes* (7th ed.). St. Louis: Mosby.

Hinkle, J.L., & Cheever, K.H. (2014). *Textbook of medical surgical nursing* (13th ed.). Philadelphia: Lippincott Williams & Wilkins.

Jarvis, C. (2012). *Physical examination and health assessment* (6rd ed.). Philadelphia: Elsevier.

ENFE 4031 - COURSE SYLLABUS

PAGE 11

Karch, A.M. (2011). *2011 Lippincott's nursing drug guide*. Philadelphia: Lippincott Williams & Wilkins.

Ignatavicius, D.D., Winkelman, C. & Workman, M.L. (2010). *Medical-surgical nursing* (6th ed.). Philadelphia: Elsevier.

Mattson-Porth, C. (2011). *Essentials of pathophysiology* (3th ed.). Philadelphia: Lippincott Williams & Wilkins.

McCance, K.L. & Huether, S.E. (2011). *Pathophysiology: The biologic basic for disease in adults and children* (6th ed.). St. Louis: Mosby.

Mosby's dictionary of medicine, nursing and health professionals. (2009). (8th ed.). St. Louis: Elsevier.

Patton, K.T &. Thiobodeau, G.A. (2010). *Anatomy and physiology* (7th ed.). Boston: Harcourt.

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MAYAGÜEZ CAMPUS
COLLEGE OF ARTS AND SCIENCES
NURSING DEPARTMENT**

**ENFE 4031-4032-MEDICAL-SURGICAL NURSING I & II
FIRST SEMESTER 2018-2019**

COURSE REQUIREMENTS:

All students are expected to:

- a. Complete all lessons.
- b. Do all assigned readings and related homework.
- c. Come to class prepared to discuss, analyze, apply, summarize and participate with peers.
- d. Come to class and laboratories all the time and on time.
- e. Type all papers in APA format.
- f. Pass all tests and complete all requirements to receive credit for the course.
- g. The student must use complete uniform according to the Department of Nursing policies when practicing in the clinical areas.
- h. All students are expected to maintain a professional attitude and demonstrate ethical standards in their interpersonal relationships in the classroom as well as in the clinical area.
- i. Attendance to lectures and laboratories including pre and post conferences is compulsory. Absenteeism will affect the final grade.
- j. **Three (3) absences to laboratories imply a withdrawal from the course.**
- k. **Three (3) latenesses to conferences or laboratories will be equivalent to one absence.**
- l. **All examinations will be administered on the assigned dates unless there are unavoidable changes in the schedule of classes.**
- m. **A written, reasonable excuse must be submitted for an absence from scheduled examination, laboratories and conference.**
- n. Students are required to attend all examinations. If a student is absent from an examination for a justifiable reason acceptable to the professor, he or she will be given a special examination. Otherwise, will receive a grade of Zero or "F" in the examination missed. (See Undergraduate Catalogue 2018-2019).
- o. The special examination will be given during the first 24-48 hours. The student will make the arrangement with the professor for the hour; date and place the special examination will be given.

- p. Planned absenteeism of students will put in jeopardy their candidacy toward the degree.
- q. Planned assignment or written work must be handed in on the assigned date. Five points will be deducted for each day including weekends and holiday. Notify professor in advance if for any reason a paper cannot be handed in on time for a possible agreement upon this matter.
- r. **Student with special health needs that may affect their performance in the course must notify their instructor at the beginning of the semester.**
- s. Cell phones, beepers, radios and/or other electronic equipment with the learning environment are not permitted in the classroom anytime.

POLICIES:

Laboratory/Field Work:

- a. General Policy: Laboratories are considered a major part of the class, and all students are expected to participate. Students will be allowed to leave the lab when work is completed. No student shall be in the laboratory area without an instructor being present.
- b. Student Behavior: In the laboratory, students will also be graded on initiative, communication, cooperativeness teamwork, and a positive attitude. In addition, students will come to the laboratory in complete uniform as established by the Department and bring all laboratory equipment and materials needed. Cell phones, beepers, radios, tapes, and other audio or video equipment are not permitted in the laboratory any time.

Department/Campus Policies:

- a. ***Class attendance:*** Class attendance is compulsory. The University of Puerto Rico, Mayagüez Campus, reserves the right to deal with individual cases of non-attendance at any time. Professors are expected to record the absences of their students. Frequent absences affect the final grade of a student, and may even result in the total loss of his/her credits. Arranging to make up work missed because of legitimate class absence is the responsibility of the student. (See Undergraduate Catalogue 2018-2019).
- b. ***Absence from examinations:*** Students are required to attend all examinations. If a student is absent from an examination for a justifiable reason acceptable to the professor, he or she will be given a special examination. Otherwise, he or she will receive a grade of "F" for the examination missed. (See Undergraduate Catalogue 2018-2019).
- c. ***Final examinations:*** Final written examinations must be given in all courses unless, in the judgment on the Dean, the nature of the subject makes it impracticable. Final examinations scheduled by arrangements must be given during the examination period prescribed in the Academic Calendar, including Saturdays and Sundays. (See Undergraduate Catalogue 2018-2019).
- d. ***Reading Period:*** A reading or review period will be provided each semester between the end of the semester and the beginning of final examinations. During this recess, students will be free of any academic obligations so that they may devote this time of studying for their final examinations. (See Undergraduate Catalogue, 2018-2019).

- e. **Partial withdrawals:** A student may withdraw from individual courses at any time during the term, but before the deadline established in the University Academic Calendar. (See Undergraduate Catalogue 2018-2019).
- f. **Complete withdrawals:** A student may completely withdraw from the University of Puerto Rico, Mayaguez Campus, at any time up to the last day of classes. (See Undergraduate Catalogue 2018-2019).
- g. **Policy on Intellectual and Scientific Misconduct.** It is the institutional policy of the Mayagüez Campus to observe the highest standards of intellectual and scientific integrity and to pursue the prosecution of all violations thereof. The lack of integrity and the perpetration of academic and scientific fraud include plagiarism, falsification, false attribution, and all violations of the cannons and practices of honesty generally accepted in the academic community, always excepting those which may result from involuntary errors or honest differences in the interpretation of handling of data or information. (See Undergraduate Catalogue 2018-2019).
- h. **Institutional Policy on Drugs.** The University of Puerto Rico pursues a vigorous policy in combating the manufacture, distribution, supply, possession, and illegal use within its grounds of controlled substances as defined by Puerto Rico Law No. 4 of June 23, 1971 and further treated in subsequent Federal and Commonwealth legislation. The policy and the means and procedures of its enforcement are detailed in Circular Letter 89-01 (June 6, 1989), of the President of the University of Puerto Rico. (See Undergraduate Catalogue 2018-2019).
- i. **Institutional Policy of Sexual Harassment.** The Institution adheres to the principles and statutes concerning sexual harassment and discrimination for reasons of sex in the area of employment, conduct in the workplace, and the provision of services. Grievance procedures are spelled out in Circular Letter 88-07 (May 27, 1988), of the President of the University of Puerto Rico and the Administrative Board (Certification 93-94-303 of April 7, 1994). (See Undergraduate Catalogue 2018-2019).
- j. **Smoking.** Smoking is forbidden in all enclosed Campus areas, including but not limited to classrooms, laboratories, lecture rooms, elevators, auditoriums, offices, museums, and all other places where groups of persons regularly meet. Smoking is permitted in areas identified and approved as adequate for non-smokers as well as smokers, such as open hallways and other open spaces. (See Undergraduate Catalogue 2018-2019).
- k. The course must approve with a grade of "C" or more. (**See written Certification No. 83-82 of April 9, 1983 as approved by the Administrative Board of the U.P.R.-R.U.M.**)
- l. **Disabilities:** Students will identify themselves with the Institution and the instructor of the course for purposes of assessment (exams) accommodations.

American with Disabilities Act (ADA): The provisions of *American with Disabilities Act* (ADA) require reasonable accommodation for students with physical, emotional or learning limitations that prevents or seriously hinders access to the classroom and/or teaching-learning process. This is coordinated by the *Office of Services for Students with Disability* (OSEI-RUM) under the **Certification Number 133 2015-2016: Amendments Fair Policy and Academic Services for Students with Disability Enrolled at the University of Puerto Rico.** Students receiving Reasonable Accommodation Services must pass in the professor's office hours and/or by appointment. The professor and the student will meet and reach appropriate agreements. For more information please call the Student with Disabilities Office which is part of the Dean of Students Office at (787) 265-3862 or (787) 832-4040 extensions 3250 or 3258.