



San Sebastian College - Recoletos de Cavite
Cavite City

OUTCOMES-BASED COURSE SYLLABUS
For 2ND Semester, AY 2020



Institute of Nursing
BS in Nursing
(NCM 110) Nursing Informatics

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| VISION | We envision San Sebastian College Recoletos de Cavite as a trusted Catholic community of quality learning in the service of God in His creation and humanity. |
| MISSION | We, the SSCR-de Cavite family, dedicate ourselves to the formation of the community members into Christ-centered, professional and socially responsible leaders of society |
| CORE VALUES | We value: Prayer: Humility, Faith, Excellence, Marian Devotion Truth: Discipline, Teamwork, Temperance Service: Kindness, Compassion, Temperance, Fortitude, Justice and Prudence |
| INSTITUTIONAL GOAL | To develop Sebastian Graduates, imbued with Augustinian values, who are God-centered, professionally competent and socially responsible individuals. |
| INSTITUTIONAL OBJECTIVES | In continuously improving SSC-R de Cavite's formative programs, we pledge to: <ol style="list-style-type: none"> 1. collaborate with the parents, alumni, public and private organizations; 2. refine our research capabilities; 3. empower students, faculty and staff for their welfare, and for the institution's sustainability and growth 4. enhance resources significant to the attainment of the institution's goals for its community members; and 5. deepen our Catholic culture integrate with the Filipino values. |
| GOAL OF THE COLLEGE | The College of Arts and Sciences is geared towards the development of spiritual, moral character, and personal discipline of students which are properly integrated with the academic program. It aims to develop competencies in communication and psychological skills that will widen intellectual and experiential horizon. Promote better understanding in which will enable the students to embody the essential Recoletos educational qualities of God centeredness, People and Family focus and become service oriented in which they will be able to respond to economic, cultural and political challenges through the knowledge they have acquired. |
| OBJECTIVES OF THE DEPARTMENT | The Nursing Program aims to provide students quality Christian Education and assists them to develop their potentials to the maximum through: <ol style="list-style-type: none"> 1. Sensitive awareness of the health needs of the society and strong commitment to the alleviation of problems arising there from; 2. Acquisition of skills, knowledge and attitudes towards promotion of health and of suffering based on Christian |

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| conditions/situations, the student will be able to: | | | | | | | | | | | | | | |
| 1. apply knowledge of physical, social, natural and health sciences and humanities in nursing informatics. | √ | | | | | | | | | | | | | |
| 2 assume safe, appropriate and holistic care of clients applying the nursing informatics system in the nursing process as a framework of care. | | √ | | | | | | | | | | | | |
| 3. elaborate nursing in accordance with the existing legal, ethical, and moral principles in the application of information technology. | | | | √ | | | | | | | | | | |
| 4 create client care accurately and comprehensively with the aid of information technology system. | | | | | | √ | | | | | | | | |
| 5. take part in research with an experienced researcher utilizing appropriate nursing informatics system | | | | | | | | | √ | | | | | |

<use check in table and adjust column grid based on PLOs>

| COURSE LEARNING OUTCOMES VS PROGRAM LEARNING OUTCOMES MAPPING TABLE | | | | | | | | | | | | | | |
|---|---------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|
| At the end of the course and given simulated and actual conditions/situations, the student will be able to: | PROGRAM LEARNING OUTCOMES | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 1. apply knowledge of physical, social, natural and health sciences and humanities in nursing informatics. | p | | | | | | | | | | | | | |
| 2. assume safe, appropriate and holistic care of clients applying the nursing informatics system in the nursing process as a framework of care. | | p | | | | | | | | | | | | |
| 3. elaborate nursing in accordance with the existing legal, ethical, and moral principles in the application of information technology. | | | | p | | | | | | | | | | |
| 4 create client care accurately and comprehensively with the aid of information technology system. | | | | | | p | | | | | | | | |
| 5. take part in research with an experienced researcher utilizing appropriate nursing informatics system | | | | | | | | | p | | | | | |
| *Level Legend: I - introduced concepts/principles; P -practiced with supervision; D demonstrated across different clinical settings with minimal supervision. Specify the highest level of attainment of the program outcome for each course | | | | | | | | | | | | | | |

| COURSE LEARNING PLAN | | | | | | | |
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| COURSE CODE | NCM 110 | COURSE TITLE | NURSING INFORMATICS | CREDIT UNITS | 3 units lecture | HOURS | 36 lecture hours; 54 laboratory |

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| | | | | | | hours |
| COURSE DESCRIPTION | The course deals with concepts, principles & techniques on nursing informatics in clinical practice, education and research. The learners are expected to use the system of informatics to support the delivery of health care. | | | | | |
| COURSE PRE-REQUISITE(S) | None | | | | | |
| COURSE LEARNING OUTCOMES: | <p>At the end of the course and given simulated and actual conditions/ situations, the student will be able to:</p> <ol style="list-style-type: none"> 1. apply knowledge of physical, social, natural and health sciences and humanities in nursing informatics. 2. assume safe, appropriate and holistic care of clients applying the nursing informatics system in the nursing process as a framework of care. 3. elaborate nursing in accordance with the existing legal, ethical, and moral principles in the application of information technology. 4. create client care accurately and comprehensively with the aid of information technology system. 5. Take part in research with an experienced researcher utilizing appropriate nursing informatics system | | | | | |

| COURSE COVERAGE | | | | | |
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| Topic Learning Outcomes (TLO) | Topics | Time Allotment (Hrs.) | Performance Indicators / Value(s) Developed/ Assessment Tools | Learning Strategies | Learning Resources |
| | | | | Classroom | |
| PRELIM | | | | | |
| <p>Prepare comprehensive lesson plan including: TLO1. Integrate relevant principles of social, physical, natural and health sciences and humanities in nursing informatics.</p> <p>TLO 1:1 Discuss Computer system, hardware, software, open source, free software.</p> <p>TLO1:2 Explain Data Assessment, Personal</p> | <p>Concepts, Principles, and Theories in Nursing Informatics</p> <p>A. Informatics Theory</p> <ol style="list-style-type: none"> 1. Theories 2. Models 3. Framework <p>B. Computer System</p> <ol style="list-style-type: none"> 1. Computer Hardware 2. Computer Software 3. Open Source and Free software 4. Data Assessment 5. Personal, Professional and | <p>12Hrs. Lecture 18Hrs RLE</p> | <p>The student will be able to develop faith and Marian devotion based on Daily Bread and Reflection Moment</p> <p>The student will be able to Integrate relevant principles of social, physical, natural and health sciences and humanities in nursing</p> | <p>Daily Bread and Reflection Moment</p> <p>Interactive discussion</p> <p>Homework and practice</p> <p>Video clips</p> <p>Power point presentations on</p> | <p>McGonigle, D. & Mastrian, K.G.(2018). Nursing informatics and the foundation of knowledge (Fourth edition). Burlington ,Massachusetts : Jones & Barlett Learning.</p> |

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| Professional and Educational Informatics | Educational Informatics | | informatics. The student will be able to explain Data Assessment, Personal Professional and Educational Informatics | Health History Guideline | Williams, P. (2016). Basic geriatric Nursing. Missouri : Elsevier. |
| <p>TLO2:1. Utilize nursing informatics applications for safe, appropriate and holistic care of clients with the use of the nursing process:</p> <p>a. Assess with the client (individual, family, population, group, and/ or community), one's health status</p> <p>b. Formulate with the client a Plan of Care to address the health condition, needs, problems and issues based on priorities.</p> <p>c. Implement safe and quality interventions with the client to address the health needs problems and issues.</p> | <p>Information Technology System Applicable in Nursing Practice</p> <p>A. Hospital/Critical care Application</p> <p>B. Community Health Application</p> <p>C. Ambulatory Care Systems</p> <p>D. Emergency preparedness and Response</p> <p>E. Administrative Assistive Devices and Workplace Technologies</p> <p>E. Telehealth</p> | | <p>a. The student will be able assess with the client (individual, family, population, group, and/ or community), one's health status</p> <p>b. The student will be able to formulate with the client a Plan of Care to address the health condition, needs, problems and issues based on priorities.</p> <p>c. The student will be able to implement safe and quality interventions with the client to address the health needs problems and issues</p> <p>d The student will</p> | <p>Interactive discussion</p> <p>Homework and practice Video clips</p> <p>Power point presentations on Health History Guideline</p> <p>Interactive discussion</p> <p>Homework and practice Video clips</p> <p>Power point presentations on Health History Guideline</p> | <p>Roussel, L., Thomas, Patricia L. & Harris, James L. (2016). Management and Leadership for Nurse Administrators. Seventh Edition. Sudbury, Massachusetts, Jones and Bartlett Publishers</p> <p>Alexander, S., Frith, K.H. & Hoy, H.(2015). Applied clinical informatics for Nurses. Burlington, Massachusetts : Jones & Barlett Learning.</p> |

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| <p>d. Provide health education using selected planning models to clientele (individuals, family, population group or community.</p> <p>e. Evaluate with the client health status/ competence and/ or process/ expected outcomes of nurse – client working relationship.</p> <p>TLO2:2.Deliver evidence based nursing care using nursing informatics and technology system</p> | <p>Informatics Application in Evidence Based Nursing Practice</p> <p>A. Computer Generated Nursing Care Plans B. Critical Pathways C. Clinical Guidelines D. E-Journals</p> | | <p>be able to provide health education using selected planning models to targeted clientele (individuals, family, population group or community</p> <p>e. The student will be able to evaluate with the client health status/ competence and/ or process/ expected outcomes of nurse – client working relationship.</p> <p>2:2.The student will be able to deliver evidence based nursing care using nursing informatics and technology system</p> | | <p>Smith, G. & Rylance, R. (2016). Rapid mental Health Nursing. Hoboken, N.J. : John Wiley & Sons Inc.</p> |
| <p>TLO3. Adapt to ethico-legal considerations when using nursing information technology in providing safe, quality and professional nursing care.</p> <p>TLO3:1. Adapt to established norms of conduct based on the Philippine Nursing Law and other Legal, regulatory and instructional requirements relevant to safe nursing</p> | <p>Policies Guidelines and Laws in Nursing Informatics</p> <p>A. Intellectual Property Law B. Copyright Law C. Privacy of Personal and Public Domains D. Netiquette Rules and Guidelines</p> | | <p>The student will be able to adapt to ethico-legal considerations when using nursing information technology in providing safe, quality and professional nursing care.</p> | <p>Hands-on learning in RLE:</p> <p>Quiz Essay</p> | |

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| <p>practice.</p> <p>TLO3:2.Take part in client rights based on Patient's Bill of Rights and Obligations</p> | | | <p>The student will be able to adapt to established norms of conduct based on the Philippine Nursing Law and other Legal, regulatory and instructional requirements relevant to safe nursing practice.</p> <p>The student will be able to take part in client rights based on Patient's Bill of Rights and Obligations RLE Performance Evaluation</p> | <p>RLE Performance Evaluation</p> <p>Rubric for Essay</p> | |
| MIDTERM | | | | | |
| <p>TLO4. Explain legal practice and responsibilities in documentation</p> <p>4:1 Improve a working relationship with individual and family based on trust, respect, and shared decision making using appropriate electronic information system and technology.</p> | <p>Nursing Information System</p> <p>A. Internet Applications</p> <ul style="list-style-type: none"> • Personal Digital Assistant(PDA) and Wireless Design • Emails, Bookmarks • Wireless Phones • Two-way Video Teleconferencing • Facetime • Text messaging • Twitter, Google, Internet, Facebook • Web 2.0, blogs, wikis | <p>12Hrs. Lecture 18Hrs RLE</p> | <p>The student will be able to improve a working relationship with individual and family based on trust, respect, and shared decision making using appropriate electronic information system and technology.</p> | <p>interactive discussion</p> <p>Case discussions</p> <p>Power point presentations on Nursing Information System</p> <p>Lecture interactive discussion</p> <p>Homework and practice</p> <p>Power point presentations on Review of System</p> | <p>Lippincott Williams and Wilkins Cox, Carol Lynn , (2010) Health Assessment in Nursing. 3rd Edition</p> |

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| <p>TLO4:2. Collaborate with other member of the health team and IT support group in the implementation of programs and services</p> <p>TLO4:3 Apply the management and leadership principles in nursing informatics</p> | <p>Nursing Information System Team A. Health Care Team B. IT Team C. Listserv and Newsgroups</p> <p>Leadership Role of the Nurse in the Management of Nursing Information System</p> | <p>1HR. Midterm Exam</p> | <p>The student will be able to collaborate with other member of the health team and IT support group in the implementation of programs and services</p> <p>The student will be able to apply the management and leadership principles in nursing informatics</p> | <p>Essay Quizzes</p> <p>Interactive Lecture discussion</p> <p>Power point presentations on Nursing Information System Team</p> <p>Reflective Writing on Nursing Information System Team</p> <p>Homework and practice</p> | |
| FINALS | | | | | |
| <p>TLO5. To take part in in the conduct of research utilizing appropriate information system application with the research team</p> <p>TLO5:1. Implement system of informatics to support the delivery of nursing care.</p> | <p>Computer Applications that support Nursing Research</p> <p>A. Literature Searches 1. Reliable Search Engines And Databases</p> <p>B. Data Collection and Statistical Tools 1. On-line Questionnaires 2. Digital polls 3. Survey Monkey 4. Data Processing and Data Applications: • Spreadsheet • SPSS • SAS • In Vivo</p> | <p>12Hrs. Lecture 18Hrs RLE</p> | <p>The student will be able to take part in in the conduct of research utilizing appropriate information system application with the research team</p> <p>The student will be able to implement system of informatics to support the delivery of nursing care.</p> | <p>Class discussions Video presentation Power point presentations on Computer Applications that support Nursing Research</p> <p>Interactive classroom discussions Participation</p> | |

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| <p>TLO5:2. Assume responsibility for lifelong learning, own personal development and maintenance of competence in information technology.</p> <p>TLO5:3. Discuss entrepreneurial opportunities in the use of information system and technology in the delivery of nursing care.</p> | <p>Application of Health Informatics</p> <p>A. Clinical Practice</p> <ol style="list-style-type: none"> 1. Electronic Health Record (HER) 2. Telemedicine 3. E-health <p>B. Administration</p> <ol style="list-style-type: none"> 1. Clinical and Administrative Health Information System <p>C. Education</p> <ol style="list-style-type: none"> 1. E-learning 2. Teleconferencing 3. Webinar <p>Competency Development in the use of Nursing Informatics and Technology</p> <p>A. Training and development in e-learning and Nursing Informatics</p> <p>Nursing Informatics and the Entrepreneur</p> <ol style="list-style-type: none"> A. Qualification of the Nurse Informatics B. Roles/Competencies C. Career Opportunities | <p>1HR. Final Exam</p> | <p>The student will be able to Assume responsibility for lifelong learning, own personal development and maintenance of competence in information technology.</p> <p>The student will be able to Discuss entrepreneurial opportunities in the use of information system and technology in the delivery of nursing care.</p> <p>Rubric for essay</p> <p>Written Major Examination</p> | <p>Power point presentations on Application of Health Informatics</p> <p>Essay Quizzes</p> <p>Reflective Writing with the use of Nursing Informatics and Technology</p> | |
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COURSE REQUIREMENTS AND CLASS POLICY

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| <p>Course Requirements</p> | <p>Each student is required to:</p> <ol style="list-style-type: none"> 1. Take and passed the three (3) major examinations: Prelim, Midterm Pre finals and Finals. 2. Participate in classroom and/or in group discussion. 2. Reflection paper topic assign by instructor 3. Research and Outreach on related topic given by instructor |
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| | <ul style="list-style-type: none"> • Entitle “ Sebastinian Cares through Nursing Care” for Barangay <input type="checkbox"/> Includes Vital Signs Taking <input type="checkbox"/> Nebulization <input type="checkbox"/> Random blood Sugar • Entitle” Batang Malusog Malayu kay Dok” for Day Care <input type="checkbox"/> Hand Washing <input type="checkbox"/> Personal Hygiene <input type="checkbox"/> Different Body Parts <p>4. Role Playing on related topic like on how to conduct Health History and Physical assessment</p> |
| <p>Class Policy</p> | <p>CLASSROOM RULES OF CONDUCT: The student’s responsibility is to come to each class prepared. He is also expected to take all examinations on the date scheduled. He is expected to attend each class and participate actively in the discussions. As soon as the class begins, no one is allowed to leave the room until the class ends unless, with permission and for justifiable reason. The student must be in complete school uniform except on a wash day. He is also required to wear ID. Food and beverages and use of mobile devices are not permitted in the classroom.</p> <p>The student is responsible for any missed lessons and is NOT excused from not taking quizzes, nor from not passing assignments. Late reports, assignments, project and/ or other class requirements will NOT be accepted. Special examinations will be allowed only in special cases, such as prolonged illness and family emergencies. The student is invited to seek the assistance of a faculty member based on the scheduled consultation hours. The department head and/or dean may be consulted only for special cases.</p> <p>ACADEMIC DISHONESTY</p> <p>All SSC-RdC students are expected to be academically honest. Cheating, lying and other forms of immoral and unethical behavior will not be tolerated. Any student found guilty of cheating in examinations or plagiarism in submitted course requirements will (at a minimum) receive an F or failure in the course requirement or in the course. Plagiarism and cheating refer to the use of unauthorized books, notes or otherwise securing help in a test; copying tests, assignments, reports or term papers; representing the work of another person as one’s own; collaborating without authority, with another student during an examination or in preparing academic work; signing another student’s name on an attendance sheet; or otherwise practicing scholastic dishonesty.</p> <p>POLICY ON ATTENDANCES</p> <p>It is the responsibility of the student to monitor his own absences and tardy incidents. The maximum number of absences which a student may incur is 13% of the total class hours or 7 absences in an MWF class or 5 absences in a TTH or MW class. Three instances of tardiness is equivalent to 1 absence. An absence may be excused, if it supported by an Admission Slip issued by the college dean.</p> |

OTHER PROVISIONS

For other policies and guidelines, please refer to your Student Manual (Rev. 2014).

GRADING SYSTEM

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| Written Works | 35 % |
| Performance Tasks | 40% |
| Major Assessments | 25% |
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| Total | 100% |

The Written Work component ensures that the students are able to express skills and concepts in written form. Written work which includes long quizzes and unit or long test help strengthen test-taking skills among learners. It is strongly recommended that items in long quizzes/tests be distributed across the cognitive process dimensions so that all are adequately covered. Though these, learners are able to practice for each term assessment. Other written work may include essay, written report and other written output.

The Performance Task component allows learners to show what they know about and are able to do the diverse ways. They may create or innovate products or do performance based tasks. Performance based tasks may include skills demonstration, individual or group presentations, oral work, multi-media presentations, case analysis, concept mapping, role playing and research projects. It is important to note that written output may also be considered as performance tasks.

Major Assessment measures student learning at the end of every period (Prelim, Midterm, Final). This maybe in the form of objective tests, performance-based assessment, or a combination thereof.

COURSE REFERENCES

A. Main References

- Books
- McGonigle, D. & Mastrian, K.G.(2018). Nursing informatics and the foundation of knowledge (Fourth edition). Burlington ,Massachusetts : Jones & Barlett Learning.
- Williams, P. (2016). Basic geriatric Nursing. Missouri : Elsevier.
- Smith, G. & Rylance, R. (2016). Rapid mental Health Nursing. Hoboken, N.J. : John Wiley & Sons Inc.
- Roussel, L., Thomas, Patricia L. & Harris, James L. (2016). Management and Leadership for Nurse Administrators. Seventh Edition. Sudbury, Massachusetts, Jones and Bartlett Publishers.
- Alexander, S. Frith, K.H. & Hoy, H.(2015). Applied clinical informatics for Nurses. Burlington ,Massachusetts : Jones & Barlett Learning.

B. E-sources ebook

- Informatics and Nursing Opportunities and Challenges(2013) Wolfter Kluwer Health/ Lippincot Williams& Wilkins

***should be 5 years old and journals should be from published sources**

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| <p>Prepared by:</p> <p>Name: Teresita A. Pacion RN.RM.MAN Rank: Instructor Contact Number: Email: teresitagarciaaceron@yahoo.com Consultation Hours:Thursday11:00-2:00pm Date: January 7, 2020</p> | <p>Checked by:</p> <p>MR. FELIXANDER BAGAYAO RL STVL Librarian</p> <p>MRS. MELODY M. LABOG Department Head</p> | <p>Approved by:</p> <p>Rev. Fr. James Bumangabang, AOR Vice President for Academics</p> |
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