Wilkes University Curriculum Committee

PROPOSAL SUBMITTAL FORM

Directions:

- Use this set of forms for all proposals sent to the Curriculum Committee.
- Pages 1-3 of this document are required. Any unnecessary forms should be deleted from the packet before submissions. If multiple forms are needed (course addition, course deletion, etc), simply copy and paste additional forms into this packet.
- Note that all new programs (majors and minors), program eliminations, significant program revisions and all general education core revisions must be reviewed and approved by the Provost and Academic Planning Committee (APC) prior to submission to the Curriculum Committee. The Provost will make the decision if a program revision requires APC review.
- Completed and signed forms are due no later than the second Tuesday of every month. Submit one signed original hard copy and a scanned electronic copy with all signatures to the Chair of the Curriculum Committee.

1. Originator: Name: Kathleen Hirthler, DNP, CRNP, FNP-BC
Department: School of Nursing, Graduate Program
Phone and email: 570-408-5027; kathleen.hirthler@wilkes.edu

2. Proposal Title: Nursing Informatics

3. Check only one type of proposal: (double click on the appropriate check box and change default value to “checked”).

X New Program. (Major or Minor Degree Programs). This requires prior review and approval by the Provost and APC.

☐ Elimination of Program. (Major or Minor Degree Programs). This requires prior review and approval by the Provost and APC.

☐ Program Revision. Significant revisions to a program require review and approval by the Provost. The Provost determines if review and approval by APC is necessary.

☐ General Education Revision. Submissions only accepted from the General Education Committee (GEC). Must be reviewed and approved by the Provost.

☐ Creation of new departments, elimination of existing department. This requires prior review and approval by the Provost and APC.

☐ Course additions or deletions not affecting programs (such as elective courses, transition of “topics” courses to permanent courses).

☐ Change in course credit or classroom hours.

☐ Incidental Changes. Includes changes in course/program title, course descriptions, and course prerequisites. (Although these changes do require approval by the Curriculum Committee, they do not go before the full faculty for approval).

☐ Other (Specify)
4. Indicate the number of course modification forms that apply to this proposal:

_____5____ Course Addition Form (plus syllabi)

_____0____ Course Deletion Form

_____0____ Course Change Form

5. Executive Summary of Proposal.

Briefly summarize this proposal. The breadth and depth of this executive summary should reflect the complexity and significance of the proposal. Include an overview of the proposal, background and reasoning behind the proposal and a description of how the proposal relates to the mission and strategic long-range plan of the unit and/or university.

For incidental changes a one or two sentence explanation is adequate.

The Nursing Informatics (NI) program will prepare nursing professionals for advancing nursing practice through the management of health information within the profession. Nurses are knowledge workers who apply data, information, knowledge, and wisdom to patient care for improving the quality of healthcare delivered. Significant gaps exist in the need for healthcare information specialists and the availability of educated professionals to meet the need. Healthcare delivery has improved over the years with health information technology, but the number of nurses educated to perform in this role is limited due to availability of faculty prepared in NI to develop programming. The American Nurses Association stated that NI is highly complex and in the future nurses working in the field will require education at the graduate level to become informatics nursing specialists. Informatics nurse specialists use information systems/technology to improve patient care delivery through leadership on healthcare team and in academic settings. The nursing profession comprises the largest number of providers in healthcare, and therefore, the complex healthcare system needs more nursing professionals as leaders on healthcare teams for managing patient care through technology.

Development of this new program in the newly formed School of Nursing (SON) enhances the progression of comprehensive programming from the undergraduate to graduate level. This program aligns with the University mission because it is a timely program which reflects constant evolution of academic excellence in meeting the needs of the profession and the community. The distance education format will have an impact nationally and contribute towards lessening the predicted shortages of healthcare professionals with health information technology experience. Nurses in this program will have opportunities to create innovations in various healthcare settings and impact population health.

Development of NI as a specific body of knowledge to nursing and consequently program development in academic institutions are in the infancy stage at this time. The availability of this program through the university is contributing towards the call by agencies such as the US Bureau of Labor Statistics and the Office of the National Coordinator for Health Information Technology for increasing the number of registered nurses in addition to other healthcare disciplines with health informatics knowledge.

6. Other specific information. (Not applicable for incidental changes.)
What other programs, if any, will be affected by this proposal? Describe what resources are available for this proposal. Are they adequate? What would be the effect on the curriculum of all potentially affected programs if this proposal were adopted? Include any potential effects to the curriculum of current programs, departments and courses.

The proposed online, NI Program will utilize the already existing resources of the SON and Hot Chalk to support the development and deployment of the NI program. The resources for this proposal are adequate. Dr. Kathleen Hirthler will oversee the development of the program and the day to day operations. Dr. Hirthler is currently the Interim Director of Graduate Nursing Program and Assistant Professor in the DNP program and has experiential and academic background in nursing and healthcare informatics. The SON offers comprehensive programming through the leadership of the newly appointed Dean, Dr. Deborah Zbegner. No other programs will be affected by this proposal. This proposal will expand the existing graduate nursing program offerings and the potential outcome is positive for expansion of comprehensive programming in the SON.

Hot Chalk, a new resource to the SON is the partnership between Wilkes University and Hot Chalk Inc., a leader in marketing, enrolling and retaining students on a national level. Hot Chalk is working with Wilkes to grow online Nursing M.S. degrees in Nurse Executive and Nursing Education. This is done by collaboratively marketing programs online, walking students through the admissions process and providing an overall quality educational experience in congruence with the policies and standards of the university and SON. This partnership began May 2014. Successful integration of Hot Chalk academics and operations with the launching of these programs has proven to date to be successful.

6. Program Outline. (Not applicable for incidental changes).
   A semester-by-semester program outline as it would appear in the bulletin for a new program or any modified program with all changes clearly indicated.

The course sequence for the MS degree follows, with release of courses every 8 weeks:

NSG 501    Theoretical Foundations of Nursing Science
NSG 502    Advanced Nursing Research
NSG 504    Advanced Role Development in Nursing
NSG 505    Health Care Policy and Models of Care
NSG 500    Advanced Health Assessment
NSG 530    Advanced Pathophysiology
NSG 533    Advanced Pharmacology
NSG 565    Foundations of Nursing Informatics
NSG 566    Data Management in Healthcare
NSG 567    Nursing Informatics Leadership in Healthcare Systems and Project Designs
NSG 568    Nursing Informatics Practicum I
NSG 569    Nursing Informatics Practicum II
NSG 590    Scholarly Review

Total Credits: 39 (each course is 3 credits)
The curriculum sequence for the post graduate certificate (students already have an MS in nursing) includes:

NSG 500  Advanced Health Assessment
NSG 530  Advanced Pathophysiology
NSG 533  Advanced Pharmacology
NSG 565  Foundations of Nursing Informatics
NSG 566  Data Management in Healthcare
NSG 567  Nursing Informatics Leadership in Healthcare Systems and Project Designs
NSG 568  Nursing Informatics Practicum I
NSG 569  Nursing Informatics Practicum II

Total Credits: 24 (each course is 3 credits)
7. Signatures and Recommendations. (please date)
   - Signatures of involved Department chair(s) and Dean(s) indicate agreement with the proposal and that adequate resources (library, faculty, technology) are available to support proposal.
   - If a potential signatory disagrees with a proposal he/she should write “I disagree with this proposal” and a signed statement should be attached to this submission.

   [Signature]
   Print Name/Title: [Name]  
   Department chair(s) of all potentially affected programs

   [Signature]  4-7-15
   Print Name/Title: [Name]  
   Dean(s) of any potentially affected College/School.

   [Signature]  4-7-15
   Print Name: [Name]  
   Registrar

   [Signature]  4-18-15
   Print Name: [Name]  
   Provost (For new programs, significant revisions and revisions to the General Education Program revisions only).
   Provost should check here _____ if this proposal is a program revision AND the significance of the revision requires review and approval by APC prior to Curriculum Committee.

   [Signature]  4/16/2015
   Print Name: [Name]  
   Chair, Academic Planning Committee. For new programs, program revisions sent via the provost. Signature indicates that the proposal has been reviewed and approved by APC.

   [Signature]  4/14
   Print Name: [Name]  
   Chair, General Education Committee. For revisions to General Education program only. (Signature indicates that the proposal has been approved by GEC).
Wilkes University Curriculum Committee
COURSE ADDITION FORM – page 1

Course Title: Foundations of Nursing Informatics

Course Number: **NSG 565**

Course Credit Hours: 
Classroom Hours  3  Lab Hours  Other

Course Prerequisites: None

Course Description
Students are introduced to the role, scope, and standards which form the foundation for nursing informatics practice. The theoretical basis of the course incorporates both knowledge of nursing practice and health informatics. Students will explore the model of data, information, knowledge, and wisdom for application in healthcare settings.

Required Documentation:
Proposed Syllabus

**NSG 565: Foundations of Nursing Informatics**

**Credits:** 3

**Prerequisites:** None

**Description:** Students are introduced to the role, scope, and standards which form the foundation for nursing informatics practice. The theoretical basis of the course incorporates both knowledge of nursing practice and health informatics. Students will explore the model of data, information, knowledge, and wisdom for application in healthcare settings.

**College or School**
School of Nursing

**College Mission**
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Course Instructor

Name: Kathleen Hirthler, DNP, CRNP, FNP-BC  
Title: Assistant Professor DNP Program; Interim Director of Graduate Nursing;  
Office: Stark N234  
Email: kathleen.hirthler@wilkes.edu  
Work: 570-408-5027  
Cell: 570-574-5779

Course Outcomes:
At the completion of this course the student will be able to:

1. Describe the role of the informatics nurse specialist (INS) using the scope and standards of practice for nursing informatics.
2. Integrate the model of data-information-knowledge-wisdom in healthcare settings for improving patient care.
3. Serve as a nursing leader on interprofessional teams while modeling the role of the INS in healthcare organizations.
4. Synthesize knowledge of nursing informatics to examine ethical, legal, and professional issues.

SYLLABUS CHANGES
The course instructor reserves the right to make changes as necessary to this syllabus. If changes are necessitated during the term of the course, the course instructor will immediately notify students of such changes both by individual email communication and posting both notification and nature of change(s) in the course.

Required Textbook(s)


Additional Readings
Scholarly articles and video links are introduced throughout the units.
# Assignment Descriptions

Online Discussions: weekly x8  15%
Interview with Nursing Informatics Professional  25%
Ethical/Legal Risk Assessment  30%
Network Design  30%

## Class Schedule for the Semester

<table>
<thead>
<tr>
<th>Unit</th>
<th>Content</th>
<th>Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Overview of Nursing Informatics&lt;br&gt;Scope and Standards of Nursing Informatics</td>
<td>McGonigle &amp; Mastrian Ch. 1,2,4,6&lt;br&gt;ANA pp. 1-15&lt;br&gt;D2L</td>
</tr>
<tr>
<td>2</td>
<td>Nursing Professionals as Knowledge Workers&lt;br&gt;Scope and Standards of Nursing Informatics</td>
<td>McGonigle &amp; Mastrian Ch. 7,8,10&lt;br&gt;ANA pp. 16-42&lt;br&gt;D2L</td>
</tr>
<tr>
<td>3</td>
<td>EHR and Patient Safety&lt;br&gt;Scope and Standards of Nursing Informatics</td>
<td>McGonigle &amp; Mastrian Ch. 14, 15, 16&lt;br&gt;ANA pp. 43-51&lt;br&gt;D2L</td>
</tr>
<tr>
<td>4</td>
<td>Scope and Standards of Nursing Informatics</td>
<td>McGonigle &amp; Mastrian Ch. 19&lt;br&gt;ANA pp. 67-76&lt;br&gt;D2L</td>
</tr>
<tr>
<td>5</td>
<td>Systems Development Life Cycle (SDLC)&lt;br&gt;Network Design</td>
<td>McGonigle &amp; Mastrian Ch. 10, 11, 12&lt;br&gt;D2L</td>
</tr>
<tr>
<td>6</td>
<td>Legal and Ethical Aspects</td>
<td>McGonigle &amp; Mastrian Ch. 5, 9, 13&lt;br&gt;D2L</td>
</tr>
<tr>
<td></td>
<td>Quality Improvement and Patient Safety</td>
<td>McGonigle &amp; Mastrian Ch. 18, 23, 29 D2L</td>
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<td>----------------------------------------</td>
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</tr>
<tr>
<td>8</td>
<td>The Future of Nursing Informatics</td>
<td>McGonigle &amp; Mastrian Ch. 27, 28, 29 D2L</td>
</tr>
</tbody>
</table>
Wilkes University Curriculum Committee
COURSE ADDITION FORM – page 1

Course Title: Data Management in Healthcare

Course Number: NSG 566

Course Credit Hours:
Classroom Hours 3  Lab Hours  Other

Course Prerequisites: None

Course Description
Database application in nursing and healthcare systems will be examined in this course. Students will learn database design, implementation, and management to support clinical decision making in nursing for improving healthcare delivery in organizations.

Required Documentation:
Proposed Syllabus

NSG 566: Data Management in Healthcare

Credits: 3

Prerequisites: None

Description: Database application in nursing and healthcare systems will be examined in this course. Students will learn database design, implementation, and management to support clinical decision making in nursing for improving healthcare delivery in organizations.

College or School
School of Nursing

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Course Instructor

Name: Kathleen Hirthler, DNP, CRNP, FNP-BC
Title: Assistant Professor DNP Program; Interim Director of Graduate Nursing
Office: Stark N234
Email: kathleen.hirthler@wilkes.edu
Work: 570-408-5027
Cell: 570-574-5779

Course Outcomes:
At the completion of this course the student will be able to:
1. Analyze data management strategies for evaluating nursing healthcare data.
2. Generate recommendations for nursing clinical practice from data analysis processes.
3. Incorporate evidence based practice in the development of a database.
4. Apply the data-information-knowledge-wisdom model to healthcare data management strategies for improving patient care delivery.

SYLLABUS CHANGES
The course instructor reserves the right to make changes as necessary to this syllabus. If changes are necessitated during the term of the course, the course instructor will immediately notify students of such changes both by individual email communication and posting both notification and nature of change(s) in the course.

Required Textbook(s)


Additional Readings
Scholarly articles and video links are introduced throughout the units.
**Assignment Descriptions**

Online Discussions; weekly x 8 15%

Database Plan Description 25%

Relational Design 25%

Database Design Final Project/Presentation 35%

**Class Schedule for the Semester**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Content</th>
<th>Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Database Management Overview</td>
<td>Oppel Ch. 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D2L</td>
</tr>
<tr>
<td>2</td>
<td>Database Concepts</td>
<td>Oppel Ch. 2,3,4,7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D2L</td>
</tr>
<tr>
<td>3</td>
<td>Data Utilization</td>
<td>Oppel Ch. 1,2,8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D2L</td>
</tr>
<tr>
<td>4</td>
<td>Development of a Database</td>
<td>Oppel Ch. 5,6,8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D2L</td>
</tr>
<tr>
<td>5</td>
<td>Development of a Database</td>
<td>Oppel Ch. 9,10, 11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D2L</td>
</tr>
<tr>
<td>6</td>
<td>Translation of Information</td>
<td>Oppel Ch. 12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D2L</td>
</tr>
<tr>
<td>7</td>
<td>Application of Knowledge</td>
<td>As assigned in D2L</td>
</tr>
<tr>
<td>8</td>
<td>Wisdom as a Required Element of Database Design</td>
<td>As assigned in D2L</td>
</tr>
</tbody>
</table>
Course Title: Nursing Informatics Leadership in Healthcare Systems and Project Designs

Course Number: NSG 567

Course Credit Hours:
Classroom Hours 3 Lab Hours Other

Course Prerequisites: None

Course Description (as proposed for the Bulletin): In this course students will explore the role of the informatics nurse specialist as a nurse leader who combines knowledge of nursing practice and technology on healthcare teams. The focus is on theory and skills required for application of the systems life cycle during project management of information systems in healthcare.

Required Documentation:
Proposed Syllabus

NSG 567: Nursing Informatics Leadership in Healthcare Systems and Project Designs

Credits: 3

Prerequisites: None

Description: In this course students will explore the role of the informatics nurse specialist as a nurse leader who combines knowledge of nursing practice and technology on healthcare teams. The focus is on theory and skills required for application of the systems life cycle during project management of information systems in healthcare.

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Work: 570-408-5027  
Cell: 570-574-5779

Course Outcomes:
At the completion of this course the student will be able to:
- Demonstrate knowledge of the system life cycle for comprehensive planning and implementation of a new information system in a healthcare setting.
- Discuss the informatics nurse specialist role on an interprofessional healthcare team during the integration of a new information system.
- Model effective communication skills as an informatics nurse specialist leader in healthcare.

SYLLABUS CHANGES
The course instructor reserves the right to make changes as necessary to this syllabus. If changes are necessitated during the term of the course, the course instructor will immediately notify students of such changes both by individual email communication and posting both notification and nature of change(s) in the course.

Required Textbook(s)


Additional Readings
Scholarly articles and video links are introduced throughout the units.

Assignment Descriptions

Online Discussions- weekly x8 15%
SDLC Project Strategic Plan 30%
Organizational Chart Design 15%
Plan for Organizational Education/Communication 15%
Implementation Plan 25%

**Class Schedule for the Semester**

<table>
<thead>
<tr>
<th>Unit</th>
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<th>Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>System Development Life Cycle (SDLC) System Implementation</td>
<td>Hunt, Sproat, &amp; Kitzmiller Ch 1 D2L</td>
</tr>
<tr>
<td>2</td>
<td>Role of the Informatics Nurse in a Computer System Implementation</td>
<td>Hunt, Sproat, &amp; Kitzmiller Ch 3 D2L</td>
</tr>
<tr>
<td>3</td>
<td>System Selection</td>
<td>Hunt, Sproat, &amp; Kitzmiller Ch 4 D2L</td>
</tr>
<tr>
<td>4</td>
<td>Project Management of Scope, Timeline, and Budget</td>
<td>Hunt, Sproat, &amp; Kitzmiller Ch 5 D2L</td>
</tr>
<tr>
<td>5</td>
<td>Organization Project Planning</td>
<td>Hunt, Sproat, &amp; Kitzmiller Ch 13 D2L</td>
</tr>
<tr>
<td>6</td>
<td>System Selection Deployment</td>
<td>Hunt, Sproat, &amp; Kitzmiller Ch 10 D2L</td>
</tr>
<tr>
<td>7</td>
<td>System Evaluation</td>
<td>Hunt, Sproat, &amp; Kitzmiller Ch 11 D2L</td>
</tr>
<tr>
<td>8</td>
<td>System Maintenance</td>
<td>Hunt, Sproat, &amp; Kitzmiller Ch 12</td>
</tr>
</tbody>
</table>
Course Title: Nursing Informatics Practicum I

Course Number: NSG 568

Course Credit Hours:
Classroom Hours 3    Lab Hours 100    Other ______

Course Prerequisites: NSG 565, 566, 567

Course Description (as proposed for the Bulletin):
This course requires students to perform in the role of an informatics nurse specialist in a healthcare organization. In collaboration with a preceptor students will apply nursing informatics theory and models in developing a project, for improving the quality of nursing care delivered in a healthcare setting. (Clinical Practicum Hours: 100)

Required Documentation:
Proposed Syllabus

NSG 568: Nursing Informatics Practicum I

Credits: 3

Prerequisites: NSG 565, 566, 567

Description: This course requires students to perform in the role of an informatics nurse specialist in a healthcare organization. In collaboration with a preceptor students will apply nursing informatics theory and models in developing a project, for improving the quality of nursing care delivered in a healthcare setting. (Clinical Practicum Hours: 100)

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Office: Stark N234
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Work: 570-408-5027
Cell: 570-574-5779

Course Outcomes:
At the completion of this course the student will be able to:
1. Discuss the scope and standards of the informatics nurse specialist in healthcare.
2. Perform healthcare analytics in a clinical setting.
3. Describe the work flow analysis of an identified clinical area.
4. Promote the use of an EHR for developing a quality improvement practice change project in the clinical setting.
5. Develop a plan for a nursing informatics practice change in a healthcare organization.

SYLLABUS CHANGES
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Required Textbook(s)


Additional Readings
Scholarly articles and video links are introduced throughout the units.
**Assignment Descriptions**

- Online Discussions biweekly x4
  - 15% Pass/Fail
- Clinical log/journal (100 practicum hours)
  - 30% Pass/Fail
- Clinical Evaluation-Self (mid-semester and final)
  - 10% Pass/Fail
- Clinical Evaluation-Preceptor (mid-semester and final)
  - 30% Pass/Fail
- Nursing Informatics Project Final
  - 15% Pass/Fail

**Class Schedule for the Semester**

<table>
<thead>
<tr>
<th>Units</th>
<th>Content</th>
<th>Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 and 2</td>
<td>Role of the Informatics Nurse Specialist</td>
<td>Clinical</td>
</tr>
<tr>
<td></td>
<td>Scope and Standards of Nursing Informatics Practice</td>
<td>Discussion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D2L</td>
</tr>
<tr>
<td>3 and 4</td>
<td>Electronic Health Record Clinical Decision Support and Evidenced Based Care</td>
<td>Clinical</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D2L</td>
</tr>
<tr>
<td>5 and 6</td>
<td>Healthcare Analytics</td>
<td>Clinical</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D2L</td>
</tr>
<tr>
<td>7 and 8</td>
<td>Workflow Analysis/SDLC Final Projects</td>
<td>Clinical</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D2L</td>
</tr>
</tbody>
</table>
Course Title: Nursing Informatics Practicum II
Course Number: NSG 569

Course Credit Hours:
Classroom Hours 3  Lab Hours 100  Other_____

Course Prerequisites: NSG 565, 566, 567, 568

Course Description (as proposed for the Bulletin):
This course requires students to perform in the role of an informatics nurse specialist in a healthcare organization. In collaboration with a preceptor students will apply nursing informatics theory and models to implement a practice change project, for improving the quality of nursing care delivered in a healthcare setting. (Clinical Practicum Hours: 100)

Required Documentation:
Proposed Syllabus

NSG 569: Nursing Informatics Practicum II

Credits: 3

Prerequisites: NSG 565, 566, 567, 568

Description: This course requires students to perform in the role of an informatics nurse specialist in a healthcare organization. In collaboration with a preceptor students will apply nursing informatics theory and models to implement a practice change project, for improving the quality of nursing care delivered in a healthcare setting. (Clinical Practicum Hours: 100)

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Cell: 570-574-5779

Course Outcomes:
At the completion of this course the student will be able to:
1. Identify an ethical issue requiring advocacy of the informatics nurse specialist.
3. Discuss an advantage and barrier encountered with telehealth delivery of care.
4. Implement a plan for a nursing informatics practice change in the healthcare setting.

SYLLABUS CHANGES
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Required Textbook(s)


Additional Readings
Scholarly articles and video links are introduced throughout the units.
Assignment Descriptions

Online Discussions biweekly x4 15%  Pass/Fail
Clinical log/journal (100 practicum hours) 30%  Pass/Fail
Clinical Evaluation-Self (mid-semester and final) 10% Pass/Fail
Clinical Evaluation-Preceptor (mid-semester and final) 30% Pass/Fail
Nursing Informatics Project Final 15% Pass/Fail

Class Schedule for the Semester

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<td>Quality Improvement and Patient Safety</td>
<td>Clinical Discussion D2L</td>
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<td>3 and 4</td>
<td>Ethical, Legal Issues, Genetics, and Telehealth</td>
<td>Clinical Discussion D2L</td>
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<td>5 and 6</td>
<td>E-Learning-Patient Education and Continuing Education for Professionals</td>
<td>Clinical Discussion D2L</td>
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<td>7 and 8</td>
<td>The Future of Nursing Informatics, Final Projects</td>
<td>Clinical Discussion D2L</td>
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