

**FACULTY SENATE
FEBRUARY 19, 2026**

1. DEPARTMENT OF MATHEMATICS
 - a. Change in existing course: MTH 334 Differential Equations
2. DEPARTMENT OF ENGINEERING & ENVIRONMENTAL SCIENCE
 - a. Change in existing degree: Engineering Science BS & MHC Engineering Science BS
 - b. Change in existing degree: Electrical Engineering BS & MHC Electrical Engineering BS
3. PROGRAM IN INTERNATIONAL STUDIES
 - a. Change in existing course: INT 100 Introduction to International Studies (Pathways)
4. DEPARTMENT OF NURSING
 - a. Experimental Course: NRS 808 Advanced Care and Management of Wounds
 - b. Experimental Course: NRS 809 Role Practicum: Advanced Care and Management of Wounds
5. INFORMATION ITEM
 - a. Discontinuance of Zero-Enrolled Programs (Excel spreadsheet)

1. DEPARTMENT OF MATHEMATICS

a. Change in existing course: MTH 334 Differential Equations

FROM:

COURSE: MTH 334 Differential Equations

PREREQUISITE: MTH 233 ~~or~~ MTH 236

COREQUISITE: N/A

PRE OR COREQUISITE: N/A

HOURS:4

CREDITS: 4

CATALOG DESCRIPTION: Formulation and solution of ordinary differential equations.

~~Reduction of order, operational techniques, a place system of equations, Frobenius methods, boundary value problems, transform solutions, special functions, and existence and uniqueness theorems. Applications from science and engineering. Credit will not be given for both MTH 330 and MTH 334.~~

LIBERAL ARTS: YES

GENERAL EDUCATION/COURSE ATTRIBUTE: N/A

TO:

COURSE: No Change

PREREQUISITE: MTH 233 and MTH 338

COREQUISITE: N/A

PRE OR COREQUISITE: N/A

HOURS: No Change

CREDITS: No Change

CATALOG DESCRIPTION: Formulation and solution of ordinary differential equations. Exactly solvable first-order ODEs, linear second-order ODEs, operational techniques (Laplace transform solutions), systems of linear equations. Existence and uniqueness theorems. Applications from science and engineering. Credit will not be given for both MTH 330 and MTH 334.

REQUIREMENT DESIGNATION:

LIBERAL ARTS: No Change

GENERAL EDUCATION/COURSE ATTRIBUTE: N/A

EFFECTIVE SEMESTER: FALL 2027

ROLE IN CURRICULUM: A required course for the Mathematics BS major.

RATIONALE: When learning about systems of linear ODEs, students need to master several concepts of linear algebra, and the MTH 334 syllabus only allows for a brief review. Thus, students who have not taken MTH 338 are greatly disadvantaged.

SUBMISSION TO COURSEDOG: 1/23/16

APPROVAL: Mathematics Department 12/25; UCC 2/6/26

CONSULTATION: N/A

2. DEPARTMENT OF ENGINEERING AND ENVIRONMENTAL SCIENCE

A. CHANGE IN EXISTING DEGREE: ENGINEERING SCIENCE BS & MHC ENGINEERING SCIENCE BS

DEPARTMENT/PROGRAM: ENGINEERING & ENVIRONMENTAL SCIENCE

DEGREE: ENGINEERING SCIENCE BS & MHC ENGINEERING SCIENCE BS

FROM:

FROM:

Type: Completion requirement

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:

CHM 121 - General Chemistry I Laboratory

CHM 141 - General Chemistry I

ENS 110 - Engineering Graphics
ENS 136 - Computer-Aided Engineering
ENS 220 - Introduction to Computer Engineering
ENS 221 - Digital Electronics Laboratory
ENS 241 - Electrical and Electronic Circuits
ENS 249 - Basic Measurements Laboratory
ENS 250 - Engineering Mechanics
ENS 310 - Thermodynamics
ENS 336 - Computer-Aided Engineering
ENS 362 - Microcontrollers
ENS 371 - Systems Analysis
ENS 485 - Properties of Materials
ENS 491 - Advanced Engineering Design I
ENS 492 - Advanced Engineering Design II
MTH 229 - Calculus Computer Laboratory
MTH 230 - Calculus I with Pre-Calculus
OR MTH 231 - Analytic Geometry and Calculus I
MTH 232 - Calculus II
MTH 233 - Calculus III
MTH 330 - Applied Mathematical Analysis I
Complete at least one of the following:
MTH 311 - Probability Theory and an Introduction to Mathematical Statistics
MTH 331 - Applied Mathematical Analysis
PHY 121 - General Physics I Laboratory
PHY 160 - General Physics II
PHY 161 - General Physics II Laboratory
PHY 240 - Waves and Modern Physics
CSC 270 - Introduction to Scientific Computing

Complete One of the following:
POL 251 - International Political Economy
ECO 285 - Economics for Engineers

There are two specializations – students must choose either Computer Engineering or Mechanical Engineering.

Computer Engineering Specialization

Complete ALL of the following Courses:
CSC 305 - Operating Systems Programming Laboratory
CSC 332 - Operating Systems I
CSC 326 - Data Structures
ENS 331 - Digital Signal Processing
ENS 439 - Systems Laboratory

Technical Electives

~~Complete at least 1 course with 4 credits from the following course sets:~~

~~300 and 400 Level Biology Courses
300 and 400 Level Physics or Astronomy Courses
300 and 400 Level Geology or Earth and Environmental Courses
300 and 400 Level Chemistry Courses
300 and 400 Level Computer Science Courses~~

~~300 and 400 Level Engineering Science Courses~~
~~300 and 400 Level Mathematics Courses~~
~~300 and 400 Level Electrical Engineering Courses~~

Advanced ENS Electives

Complete at least 2 of the following Courses:

CSC 435 - Advanced Data Communications
ENS 415 - Network Systems Engineering
ENS 420 - Analog and Digital Systems Design
ENS 436 - Electrical Machines and Energy Systems
ENS 441 - Electrical Power Transmission and Distribution
ENS 446 - Computer Architecture
ENS 463 - Introduction to Nanotechnology
ENS 464 - Embedded Systems Analysis and Design
ENS 465 - Design and Analysis of Electrical Power Transmission System
ENS 466 - Telecommunications Systems Engineering
ENS 471 - Control Systems
ENS 473 - Image and Video Processing in Engineering
ENS 475 - Power Electronics and Instrumentation

OR

Mechanical Engineering Specialization

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:

ENS 316 - Dynamics
ENS 380 - Mechanics of Solids
ENS 450 - Fluid Mechanics
ENS 459 - Applied Mechanics Laboratory

Technical Electives

Complete at least 1 course from the following course sets:

~~300 and 400 Level Biology Courses~~
~~300 and 400 Level Physics or Astronomy Courses~~
~~300 and 400 Level Geology or Earth and Environmental Courses~~
~~300 and 400 Level Chemistry Courses~~
~~300 and 400 Level Computer Science Courses~~
~~300 and 400 Level Engineering Science Courses~~
~~300 and 400 Level Mathematics Courses~~
~~300 and 400 Level Electrical Engineering Courses~~

Advanced ENS Electives

Complete at least 2 of the following Courses:

ENS 410 - Heat Transfer
ENS 434 - Energy Conversion
ENS 436 - Electrical Machines and Energy Systems
ENS 438 - Power Plant Design and Analysis
ENS 441 - Electrical Power Transmission and Distribution
ENS 463 - Introduction to Nanotechnology
ENS 464 - Embedded Systems Analysis and Design
ENS 465 - Design and Analysis of Electrical Power Transmission System
ENS 470 - Introduction to Environmental Engineering

ENS 471 - Control Systems
ENS 475 - Power Electronics and Instrumentation
TOTAL CREDITS: 133

TO:

TO:

Type: Completion requirement

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:

CHM 121 - General Chemistry I Laboratory

CHM 141 - General Chemistry I

ENS 110 - Engineering Graphics

ENS 136 - Computer-Aided Engineering

ENS 220 - Introduction to Computer Engineering

ENS 221 - Digital Electronics Laboratory

ENS 241 - Electrical and Electronic Circuits

ENS 249 - Basic Measurements Laboratory

ENS 250 - Engineering Mechanics

ENS 310 - Thermodynamics

ENS 336 - Computer-Aided Engineering

ENS 362 - Microcontrollers

ENS 371 - Systems Analysis

ENS 485 - Properties of Materials

ENS 491 - Advanced Engineering Design I

ENS 492 - Advanced Engineering Design II

MTH 229 - Calculus Computer Laboratory

MTH 230 - Calculus I with Pre-Calculus

OR MTH 231 - Analytic Geometry and Calculus I

MTH 232 - Calculus II

MTH 233 - Calculus III

MTH 330 - Applied Mathematical Analysis I

Complete at least one of the following:

MTH 311 - Probability Theory and an Introduction to Mathematical Statistics

MTH 331 - Applied Mathematical Analysis

PHY 121 - General Physics I Laboratory

PHY 160 - General Physics II

PHY 161 - General Physics II Laboratory

PHY 240 - Waves and Modern Physics

CSC 270 - Introduction to Scientific Computing

Complete One of the following:

POL 251 - International Political Economy

ECO 285 - Economics for Engineers

There are two specializations – students must choose either Computer Engineering or Mechanical Engineering.

Computer Engineering Specialization

Complete ALL of the following Courses:

CSC 305 - Operating Systems Programming Laboratory

CSC 332 - Operating Systems I

CSC 326 - Data Structures

ENS 331 - Digital Signal Processing
ENS 439 - Systems Laboratory

Technical Electives

Complete at least 1 course with 4 credits from the following course sets:

300 and 400 Level Physics Courses
300 and 400 Level Computer Science Courses
300 and 400 Level Engineering Science Courses
300 and 400 Level Electrical Engineering Courses

Advanced ENS Electives

Complete at least 2 of the following Courses:

CSC 435 - Advanced Data Communications
ENS 415 - Network Systems Engineering
ENS 420 - Analog and Digital Systems Design
ENS 436 - Electrical Machines and Energy Systems
ENS 441 - Electrical Power Transmission and Distribution
ENS 446 - Computer Architecture
ENS 463 - Introduction to Nanotechnology
ENS 464 - Embedded Systems Analysis and Design
ENS 465 - Design and Analysis of Electrical Power Transmission System
ENS 466 - Telecommunications Systems Engineering
ENS 471 - Control Systems
ENS 473 - Image and Video Processing in Engineering
ENS 475 - Power Electronics and Instrumentation
PHY 442 Quantum Mechanics

OR

Mechanical Engineering Specialization

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:

ENS 316 - Dynamics
ENS 380 - Mechanics of Solids
ENS 450 - Fluid Mechanics
ENS 459 - Applied Mechanics Laboratory

Technical Electives

Complete at least 1 course with 4 credits from the following course sets:

300 and 400 Level Physics Courses
300 and 400 Level Computer Science Courses
300 and 400 Level Engineering Science Courses
300 and 400 Level Electrical Engineering Courses

Advanced ENS Electives

Complete at least 2 of the following Courses:

ENS 410 - Heat Transfer
ENS 434 - Energy Conversion
ENS 436 - Electrical Machines and Energy Systems
ENS 438 - Power Plant Design and Analysis
ENS 441 - Electrical Power Transmission and Distribution

ENS 463 - Introduction to Nanotechnology
ENS 464 - Embedded Systems Analysis and Design
ENS 465 - Design and Analysis of Electrical Power Transmission System
ENS 470 - Introduction to Environmental Engineering
ENS 471 - Control Systems
ENS 475 - Power Electronics and Instrumentation
PHY 442 Quantum Mechanics

TOTAL CREDITS: NO CHANGE

SUBMISSION TO COMMITTEE CHAIR: 1/16/26

RATIONALE: Expose our students to state-of-the-art topics, program goal for both: Educate our Engineers, and focus our degree offerings so that our graduates are industry ready.

APPROVAL: ENGINEERING & ENVIRONMENTAL SCIENCES 11/6/25, DEPARTMENT OF PHYSICS & ASTRONOMY 11/6/24, UCC 2/6/26

CONSULTATION: DEPARTMENT OF COMPUTER SCIENCE, DEPARTMENT OF MATHEMATICS, DEPARTMENT OF BIOLOGY, DEPARTMENT OF CHEMISTRY - 01/16/2026
EFFECTIVE: FALL 2027

B. CHANGE IN EXISTING DEGREE: ELECTRICAL ENGINEERING BS & MHC ENGINEERING SCIENCE BS

DEPARTMENT/PROGRAM: ENGINEERING & ENVIRONMENTAL SCIENCE

DEGREE: ELECTRICAL ENGINEERING & MHC ELECTRICAL ENGINEERING BS

FROM:

Type: Completion requirement

Major Requirements

Fulfill ALL of the following requirements:

Complete ALL the following Courses:

CHM 141 - General Chemistry I
CHM 121 - General Chemistry I Laboratory
CSC 270 - Introduction to Scientific Computing
ECO 285 - Economics for Engineers
OR POL 251 - International Political Economy
ENGR 100 - Introduction to Engineering
ENGR 136 - Computer-Aided Engineering
ENGR 220 - Introduction to Computer Engineering
ENGR 221 - Digital Electronics Laboratory
ENGR 241 - Electrical and Electronic Circuits
ENGR 249 - Basic Measurements Laboratory
ENGR 310 - Thermodynamics
ELE 322 - Signals and Noise
ELE 331 - Digital Signal Processing
ELE 336 - Computer-Aided Engineering
ELE 342 - Electrical and Electric Circuits II
ELE 345 - Solid State Device Fundamentals
ELE 356 - Theory of Electromagnetic Radiation
ELE 362 - Microcontrollers
ELE 371 - Systems Analysis
ELE 420 - Analog and Digital Systems Design
ELE 432 - Digital and Analog Communication Systems
ELE 439 - Systems Laboratory
ELE 491 - Advanced Engineering Design I
ELE 492 - Advanced Engineering Design II

MTH 229 - Calculus Computer Laboratory
MTH 230 - Calculus I with Pre-Calculus
OR MTH 231 - Analytic Geometry and Calculus I
MTH 232 - Calculus II
MTH 233 - Calculus III
MTH 311 - Probability Theory and an Introduction to Mathematical Statistics
MTH 330 - Applied Mathematical Analysis I
PHY 120 - General Physics I
PHY 121 - General Physics I Laboratory
PHY 160 - General Physics II
PHY 161 - General Physics II Laboratory
PHY 240 - Waves and Modern Physics
AND

400-level Advanced Engineering Science Electives

Complete at least 2 of the following Courses:

ELE 415 - Network Systems Engineering
ELE 434 - Energy Conversion
ELE 438 - Power Plant Design and Analysis
ELE 441 - Electrical Power Transmission and Distribution
ELE 463 - Introduction to Nanotechnology
ELE 464 - Embedded Systems Analysis and Design
ELE 465 - Design and Analysis of Electrical Power Transmission System
ELE 466 - Telecommunications Systems Engineering
ENS 470 - Introduction to Environmental Engineering
ELE 471 - Control Systems
ELE 473 - Image and Video Processing in Engineering
ELE 475 - Power Electronics and Instrumentation
AND

Technical Elective

Complete at least 1 of the following Courses:

ELE 415 - Network Systems Engineering
OR ELE 436 - Electrical Machines and Energy Systems
OR ELE 471 - Control Systems

Free Electives

Earn at least 2 credits

TOTAL CREDITS: 133

TO:

Type: Completion requirement

Major Requirements

Fulfill ALL of the following requirements:

Complete ALL the following Courses:

CHM 141 - General Chemistry I
CHM 121 - General Chemistry I Laboratory
CSC 270 - Introduction to Scientific Computing
ECO 285 - Economics for Engineers
OR POL 251 - International Political Economy
ENGR 100 - Introduction to Engineering
ENGR 136 - Computer-Aided Engineering
ENGR 220 - Introduction to Computer Engineering
ENGR 221 - Digital Electronics Laboratory
ENGR 241 - Electrical and Electronic Circuits

ENGR 249 - Basic Measurements Laboratory
ENGR 310 - Thermodynamics
ELE 322 - Signals and Noise
ELE 331 - Digital Signal Processing
ELE 336 - Computer-Aided Engineering
ELE 342 - Electrical and Electric Circuits II
ELE 345 - Solid State Device Fundamentals
ELE 356 - Theory of Electromagnetic Radiation
ELE 362 - Microcontrollers
ELE 371 - Systems Analysis
ELE 420 - Analog and Digital Systems Design
ELE 432 - Digital and Analog Communication Systems
ELE 439 - Systems Laboratory
ELE 491 - Advanced Engineering Design I
ELE 492 - Advanced Engineering Design II
MTH 229 - Calculus Computer Laboratory
MTH 230 - Calculus I with Pre-Calculus
OR MTH 231 - Analytic Geometry and Calculus I
MTH 232 - Calculus II
MTH 233 - Calculus III
MTH 311 - Probability Theory and an Introduction to Mathematical Statistics
MTH 330 - Applied Mathematical Analysis I
PHY 120 - General Physics I
PHY 121 - General Physics I Laboratory
PHY 160 - General Physics II
PHY 161 - General Physics II Laboratory
PHY 240 - Waves and Modern Physics
AND

400-level Advanced Electrical Engineering Electives

Complete at least 2 of the following Courses:

ELE 415 - Network Systems Engineering
ELE 434 - Energy Conversion
ELE 438 - Power Plant Design and Analysis
ELE 441 - Electrical Power Transmission and Distribution
ELE 463 - Introduction to Nanotechnology
ELE 464 - Embedded Systems Analysis and Design
ELE 465 - Design and Analysis of Electrical Power Transmission System
ELE 466 - Telecommunications Systems Engineering
ENS 470 - Introduction to Environmental Engineering
ELE 471 - Control Systems
ELE 473 - Image and Video Processing in Engineering
ELE 475 - Power Electronics and Instrumentation
PHY 442 Quantum Mechanics

AND

Technical Elective

Complete at least 1 of the following Courses:

ELE 415 - Network Systems Engineering
OR ELE 436 - Electrical Machines and Energy Systems
OR ELE 471 - Control Systems

Free Electives

Earn at least 2 credits

TOTAL CREDITS: NO CHANGE

RATIONALE: Expose our students to state-of-the-art topics, program goal for both: Educate our Engineers, and focus our degree offerings so that our graduates are industry ready.

APPROVAL: DEPARTMENT OF ENGINEERING & ENVIRONMENTAL SCIENCES

11/06/2025, DEPARTMENT OF PHYSICS 11/6/25, UCC 2/6/26

CONSULTATION: N/A

EFFECTIVE: FALL 2027

3. PROPOSAL FROM THE INTERNATIONAL STUDIES PROGRAM

A. CHANGE IN EXISTING COURSE: INT 100 INTRODUCTION TO INTERNATIONAL STUDIES

FROM:

DEPARTMENT/PROGRAM: INTERNATIONAL STUDIES

COURSE & TITLE: INT 100 INTERNATIONAL STUDIES

PREREQUISITE: N/A

COREQUISITE: N/A

PRE OR COREQUISITE: N/A

CREDITS: 3

HOURS: 3

CATALOG DESCRIPTION: This course examines the impact and implications of today's dynamic international context for nations and their citizens. To operate in this global context, citizens, corporations, and governments must know other cultures and political-economic systems and how global forces influence domestic activities, both public and private. Analyzing the social, cultural, economic, and current political characteristics of the international environment, students will learn how these characteristics may affect their lives and choices.

LIBERAL ARTS & SCIENCES: Yes

GENERAL EDUCATION: ~~None~~

TO:

DEPARTMENT/PROGRAM: INTERNATIONAL STUDIES

COURSE & TITLE: INT 100 INTERNATIONAL STUDIES

PREREQUISITE: N/A

COREQUISITE: N/A

PRE OR COREQUISITE: N/A

CREDITS: 3

HOURS: 3

CATALOG DESCRIPTION: This course examines the impact and implications of today's dynamic international context for nations and their citizens. To operate in this global context, citizens, corporations, and governments must know other cultures and political-economic systems and how global forces influence domestic activities, both public and private. Analyzing the social, cultural, economic, and current political characteristics of the international environment, students will learn how these characteristics may affect their lives and choices.

LIBERAL ARTS & SCIENCES: Yes

GENERAL EDUCATION: World Cultures & Global Issues

EFFECTIVE: FALL 2027

ROLE IN CURRICULUM: The course is required for the International Studies major and minor.

RATIONALE INT 100 is a long-standing interdisciplinary course that introduces students to global issues and scholarships. The course goals are consistent with those of the World Cultures and Global Issues Pathways category, and it serves as an appropriate gateway to interdisciplinary studies in the social sciences and humanities. Its inclusion in the Flexible Common Core would strengthen and broaden students' options in globally focused course offerings in General Education, as well as benefit the International Studies program

APPROVAL: International Studies Advisory Committee 12/05/2025

CONSULTATION: Roshen Hendrickson, Director of International Studies 12/5/25

4. DEPARTMENT OF NURSING

A. NEW/EXPERIMENTAL COURSE: NRS 808 ADVANCED CARE AND MANAGEMENT OF WOUNDS

DEPARTMENT/PROGRAM: NURSING

CAREER LEVEL: GRADUATE

ACADEMIC LEVEL: REGULAR

PROPOSED COURSE NUMBER/LEVEL: NRS 808

COURSE TITLE: ADVANCED CARE AND MANAGEMENT OF WOUNDS

PREREQUISITE: Registered Nurse with a minimum of a Baccalaureate degree, with a minimum of 1 year of recent clinical experience

COREQUISITE: N/A

PRE OR COREQUISITE: N/A

CREDITS: 3

HOURS:3

CATALOG DESCRIPTION: Focusing on the role and responsibilities of a wound care nurse (WCN), including clinician/consultant, leadership, and educator, to promote comprehensive assessment and management of individuals with wounds. A review of the anatomy and physiology of the skin and soft tissue, and differentiation of skin damage, including partial and full-thickness wounds, will be provided. Learners will identify the etiology of, and management of wounds resulting from external or internal factors such as surgery, friction shear, pressure, maceration, infection, malignancy, radiation, chemotherapy, vascular insufficiency, chemical or thermal injury. Wound assessment and management principles will be discussed in the context of evidence-based practices and clinical practice guidelines using an interprofessional approach. Prevention of skin injury, research utilization, risk, and quality management principles within the healthcare system will be discussed. National health policy, professional standards of practice, legal and ethical considerations, data management, reimbursement issues, and budgetary management will be discussed.

EXPERIMENTAL: YES

REPEAT FOR CREDIT: NO

LIBERAL ARTS AND SCIENCES: NO

GENERAL EDUCATION/COURSE ATTRIBUTE: N/A

EFFECTIVE SEMESTER: **FALL 2026**

ROLE IN CURRICULUM: When regularized, this course will be a graduate NRS elective.

RATIONALE: The Advanced Care Management of Wounds and Practicum courses are designed to provide students with comprehensive, evidence-based knowledge and hands-on clinical experience in wound assessment, treatment, and prevention. Through in-depth study of wound etiology, advanced therapeutic interventions, interdisciplinary care planning, and emerging technologies in wound management, students develop the critical thinking and clinical skills necessary to manage complex wound cases across diverse healthcare settings.

The practicum component further reinforces learning by offering supervised, real-world application of advanced wound care techniques, ensuring students gain practical competence and confidence. Together, these courses thoroughly prepare students to pursue and successfully obtain Wound Care Certification, enhancing their professional credentials and expanding their career opportunities in specialized wound management. This course will be offered in Fall 2026. Expected enrollment is 10 students.

APPROVAL: DEPARTMENT OF NURSING 12/25

CONSULTATION: N/A

B. NEW/EXPERIMENTAL COURSE: NRS 809 ROLE PRACTICUM: ADVANCED CARE AND MANAGEMENT OF WOUNDS

DEPARTMENT/PROGRAM: NURSING

CAREER LEVEL: GRADUATE

ACADEMIC LEVEL: REGULAR

PROPOSED COURSE NUMBER/LEVEL: NRS 809

COURSE TITLE: Role Practicum: Advanced Care and Management of Wounds

PREREQUISITE: Registered Nurse with a minimum of a Baccalaureate degree, with a minimum of 1 year of recent clinical experience

COREQUISITE: N/A

PRE OR COREQUISITE: N/A

CREDITS: 2

HOURS:2

CATALOG DESCRIPTION: A clinical course for the application of knowledge and skills related to wound management by the nurse for individuals with acute and chronic wounds and disorders of the integumentary system resulting from external or internal factors such as surgery, friction, shear, pressure, moisture/maceration, infection, malignancy, radiation, chemotherapy, vascular insufficiency, neuropathy, and or chemical or thermal injury. Student learners will demonstrate competence in hands-on skills and comprehensive assessments of a variety of wound types. The student learner will demonstrate integrating quality and safety tenets into evidence-based care and demonstrate competency in the lab (skin and wound assessment, risk assessment (pressure injury, neuropathic foot ulcers (monofilament testing), vascular assessment (ankle brachial index testing), compression bandaging, negative pressure wound therapy, and wound identification.

Note: Students will spend about 10-15 hours in the simulation lab with the instructor, and 25-30 hours in a clinical setting with a certified wound care nurse preceptor. Preceptors must be approved by the faculty. An on-site observation by faculty is a requirement.

EXPERIMENTAL: YES

REPEAT FOR CREDIT: NO

LIBERAL ARTS AND SCIENCES: NO

GENERAL EDUCATION/COURSE ATTRIBUTE: N/A

EFFECTIVE SEMESTER: **FALL 2026**

ROLE IN CURRICULUM: When regularized, this course will be a graduate NRS elective.

RATIONALE: The Advanced Care Management of Wounds and Practicum courses are designed to provide students with comprehensive, evidence-based knowledge and hands-on clinical experience in wound assessment, treatment, and prevention. Through in-depth study of wound etiology, advanced therapeutic interventions, interdisciplinary care planning, and emerging technologies in wound management, students develop the critical thinking and clinical skills necessary to manage complex wound cases across diverse healthcare settings.

The practicum component further reinforces learning by offering supervised, real-world application of advanced wound care techniques, ensuring students gain practical competence and confidence. Together, these courses thoroughly prepare students to pursue and successfully obtain Wound Care Certification, enhancing their professional credentials and expanding their career opportunities in specialized wound management. The course will be offered in Fall 2026. Expected enrollment is 10 students.

APPROVAL: DEPARTMENT OF NURSING 12/25

CONSULTATION: N/A