

ITEM 110-1005-R0101 ATTACHMENT

**BOARD OF REGENTS
STATE OF MONTANA**

PROPOSAL

**TO INITIATE A NEW, EXPANDED, COOPERATIVE, OR
OFF-CAMPUS INSTRUCTIONAL PROGRAM**

SUBMITTED BY:

THE UNIVERSITY OF MONTANA—MISSOULA

College of Technology

Name of College, School, or Division

Health Professions

Name of Department(s) or Area

**A NEW, EXPANDED, COOPERATIVE, OR OFF-CAMPUS
INSTRUCTIONAL PROGRAM LEADING TO:**

Associate of Applied Science

Certificate, Associate, Bachelor's,
Master's, or Doctoral Degree
(give complete name of degree)

Practical Nursing

Academic Specialty or Area

Fall Semester 2001

Proposed Starting Date

THE DEVELOPMENT OF THIS PROPOSAL HAS BEEN APPROVED BY:

_____ Department or Division Head	_____ Date
_____ Dean of College or School	_____ Date
_____ VP Administration and Finance	_____ Date
_____ Graduate Dean (for graduate proposals)	_____ Date
_____ Provost/VP Academic Affairs	_____ Date
_____ Assoc Provost Graduate Studies (for graduate proposals)	_____ Date
_____ President	_____ Date

(Resides on file in President's Office at UM)

PROGRAM DESCRIPTION

Brief Description of the Proposed Program

The University of Montana–Missoula College of Technology seeks approval from the Montana Board of Regents of Higher Education to convert the currently approved Certificate program in Practical Nursing to an Associate of Applied Science degree in Practical Nursing. The current curriculum will be modified as indicated in these documents.

Needs Assessment

Because this is a proposal to expand a program rather than a new program proposal there has been no needs assessment undertaken. Rather, the focus has been on the need for an expanded Practical Nursing program.

This proposal is in accordance with the recommendations for nursing education made by the Montana University System Task Force on Nursing Education to the Board of Regents at their July 1998 meeting. This recommendation reads: “All Montana Practical Nursing programs should begin awarding the Associate of Applied Science degree within the next decade.”

In Montana, job duties and performance expectations for licensed practical nurses have rapidly increased to include sophisticated technical nursing skills as well as expanded skill in interpersonal relations and communications, critical thinking, and problem solving. The award of the Associate of Applied Science degree is a validation of the rigor of the education necessary to comprehensively prepare practical nurses for work in the field.

Relationship to the Role and Scope of the Institution

The Practical Nursing program goal of education/training individuals for employment is consistent with the College of Technology mission of providing academic (transfer) occupational and developmental education, which in turn, is part of The University of Montana–Missoula role and scope.

Impact on Administrative Structure

The proposed program expansion will have no impact on the administrative structure of; the Health Professions Department which is the program’s “home department,” the College of Technology, nor The University of Montana–Missoula.

Involvement of other University departments and colleges is limited. Practical Nursing students will take course work from the Business Technology and Applied Arts and Sciences Departments of the College and a course from the Psychology Department from the College of Arts and Sciences.

Similar Programs in Montana

All Colleges of Technology in Montana offer a Practical Nursing program. The University of Montana–Missoula Practical Nursing program is the only Practical Nursing program that does not award an Associate of Applied Science degree to its graduates.

Program Accreditation

The Montana State Board of Nursing must approve all Montana nursing programs. A communication will be forwarded to the Board regarding the intent of this proposal for consideration at their July 2000 meeting. The Board of Nursing does not specify a degree requirement, nor specific courses necessary to complete a Practical Nursing program in the State of Montana.

Proposed Curriculum

The proposed curriculum and course descriptions are appended to this proposal. The curriculum design is the result of advisory committee and input resulting from Montana Nursing Task Force deliberations.

Also included is a schedule of Course Equivalencies. This schedule will be used to advise students who have an interest in articulating the Practical Nursing program and other educational experiences at The University of Montana–Missoula with the Professional Nursing program at Montana Tech of The University of Montana.

FACULTY AND STAFF REQUIREMENTS

Current Faculty

Current faculty of the Practical Nursing program are:

<u>Name</u>	<u>Rank</u>
Mary Nielsen, R.N., B.S.N.	Level I
Steven Roberts, R.N., B.S.N.	Level I
Margaret Wafstet, R.N., M.N.	Level IV

New Faculty

Two to three adjunct or part-time clinical faculty will be necessary. This faculty will be required to meet the Board of Nursing requirements as found in ARM 8.32.1113(1). Present faculty will gradually phase in the new curriculum over two to three semesters and all the additional clinical faculty would not be necessary until the fourth semester after implementation, when all four semesters would operate concurrently.

Support Personnel

The present level of support personnel will meet program needs.

CAPITAL OUTLAY, OPERATING EXPENSES, AND PHYSICAL FACILITIES

Operating Expenditure Needs

It is anticipated there will be a modest increase in operating expenses to cover the office cost associated with additional faculty.

Library Resources

The library resources are adequate. A division of the Mansfield Library is attached to the College of Technology. The library contains a substantial collection of nursing resources, both print and media. This resource provides College of Technology nursing students access to all

the Mansfield Library holdings, as well as those available via interlibrary loan and at St. Patrick Hospital.

Clinical, Laboratory, and/or Computer Equipment

The College of Technology has an on-campus laboratory where a hospital environment is simulated. That laboratory has just been remodeled to provide a more realistic environment. Microcomputers and software are available to students in the Academic Support Center and in the general computer labs at the College of Technology and on Mountain campus. The Practical Nursing program had three computers and software specific to nursing that are located in the skills laboratory. These resources are adequate and will support the proposed program.

Facilities and Space

The current facilities and space are adequate for the proposed program, with the possible exception of an adjunct faculty office area in the Health and Business Building for proposed clinical faculty. This need would be low priority, since those faculty would be on-campus infrequently.

EVALUATION OF PROPOSED PROGRAM

Faculty Committee/Council Review

The University of Montana Academic Standards and Curriculum Review Committee has reviewed and recommended approval of this proposed program change, as has the Faculty Senate.

Outside Consultants

There have been no outside consultants employed in the preparation of this proposal.

PROPOSED CURRICULUM PRACTICAL NURSING AAS DEGREE

First Semester			
Course No.	Title	Credit Hours	Contact Hours
COM 115T	Technical Writing	3	45
CRT 101	Introduction to Computers	2	45
MAT 100T	Basic Algebra	3	45
NUR 100	Introduction to Health Skills	2	45
SCN 119N	Anatomy and Physiology	6	120
		16	
Second Semester			
NUR 150	Nutrition	3	45
NUR 151	Drug Administration and Calculations	4	75
NUR 152	Fundamental Nursing Skills I	5	165
PSYC 100S	Introduction to Psychology	4	60

			16	
Third Semester				
NUR	154	Pharmacological Products I	2	30
NUR	155	Adult Physiological Needs I	5	135
NUR	167	Childbearing Family Needs	4	120
NUR	252	Fundamental Nursing Skills II	3	60
PSY	185	Human Development Across the Life Span	<u>3</u>	45
			17	
Fourth Semester				
NUR	168	Nursing Care of Children	4	120
NUR	254	Pharmacological Products II	2	30
NUR	255	Adult Physiological Needs II	5	135
NUR	261	Meeting Psychosocial Needs	2	30
NUR	269	Nursing Trends and Issues	3	45
NUR	270	Nursing Review	<u>2</u>	30
			18	
Arrange				
NUR	266	Clinical Capstone Experience	2	120
		Total Credits Required	69	

COURSE DESCRIPTIONS

COM 115T Technical Writing 3 cr. Offered autumn and spring. An introduction to technical writing with emphasis on clarity and conciseness. Sentence, paragraph, and report organization are stressed; grammar and mechanics are reviewed. Short writing assignments and a technical report are critiqued for application of technical style, organization, and correct grammar and mechanics.

CRT 101 Introduction to Computers 2 cr. Offered autumn and spring. Introduction to computer terminology, hardware, and software. Includes basic microcomputing applications (word processing, spreadsheets, database, presentation) commonly used in business and industry. Keyboarding is included. Internet and e-mail are introduced. Credit not allowed for both CRT 101 and CS 111.

MAT 100T Basic Algebra 3 cr. Offered autumn and spring. Real numbers, variable expressions, solving equations, polynomials, factoring, graphs, linear equations, systems of linear equations, inequalities, radical expressions, and quadratic equations.

NUR 100 Introduction to Health Skills 2 cr. Offered autumn and spring. An introduction to the health care system and a variety of professions within that system, including nontraditional aspects. Political, ethical, and cultural issues impacting health care are examined. Basic principles and psychomotor skills such as vital sign assessment and Universal Precautions are introduced and practiced in the campus laboratory.

NUR 150 Nutrition 3 cr. Offered autumn and spring. Nutritional needs throughout the life cycle and measures to assist in the meeting of those needs in health or stress/disease. Practical evaluation of personal nutrition is emphasized as preparation for nursing intervention and personal health

NUR 151 Drug Administration and Calculations 4 cr. Offered autumn and spring. Prereq., MAT 100T and NUR 100; coreq., NUR 152 Fundamental Nursing Skills I. Apothecary, metric, and household conversion factors and their application in solving dosage problems. Practice of safe administration in the laboratory setting is included.

NUR 152 Fundamental Nursing Skills I 8 cr. Offered autumn and spring. Prereq., MAT 100T and COM 115T; coreq., NUR 151. Introduction to the fundamental concepts of nursing. On-campus lab and off-campus clinical experiences are included.

NUR 154 Pharmacological Products I 2 cr. Offered autumn and spring. Prereq., NUR 151 and NUR 152. Fundamental principles of pharmacology and medication administration as a possible means to meet human needs. Identification of broad medication categories using the prototype approach. Pharmacologic actions, uses, nursing implications, and client teaching for medications are addressed within the context of the nursing process.

NUR 155 Adult Physiological Needs I 5 cr. Offered autumn and spring. Prereq., NUR 150 (or concurrent enrollment), NUR 151, NUR 152, and SCN 119. Application of nursing theories and skills to meet the basic human needs of adult clients experiencing common, recurring actual or potential health deviations. Supervised clinical laboratory includes the care of the adult client in the acute care setting, with emphasis placed on the use of nursing assessments, the nursing process, and communication skills to enable the student to assist in identifying needs, planning, providing, and collaboratively evaluating care. All classroom and clinical lab components must be satisfactorily completed to pass this course.

NUR 167 Childbearing Family Needs 4 cr. Offered autumn and spring. Prereq., NUR 150 and NUR 152. Meeting basic human needs of the childbearing family unit by the continued application of growth and development and communication theories within the framework of the nursing process. A supervised clinical laboratory experience is provided to help the student identify and meet the needs of the childbearing family in acute care and outpatient settings. Classroom and clinical lab components must be satisfactorily completed in order to pass this course.

NUR 168 Nursing Care of Children 4 cr. Offered autumn and spring. Prereq., NUR 150, NUR 152, NUR 252, and PSY 185. Theories and principles for meeting the basic human needs of children from one month of age to adolescence. Using the nursing process and growth and development theories as a framework, the student provides supervised, individualized care to children in order to help them attain or maintain optimal wellness. The clinical lab and classroom portions must both be satisfactorily completed in order to pass this course.

NUR 252 Fundamental Nursing Skills II 3 cr. Offered autumn and spring. Prereq., CRT 101, NUR 150, NUR 151, and NUR 152. Continuation of fundamental concepts and skills necessary for more complex client care situations.

NUR 254 Pharmacological Products II 2 cr. Offered autumn and spring. Prereq., NUR 154. Continuation of NUR 154. Continues the study of medication prototype groups to meet human needs. The nursing process as a framework for understanding actions, uses, nursing implications, and client teaching continues as a major theme.

NUR 255 Adult Physiological Needs II 5 cr. Offered autumn and spring. Prereq., NUR 150 (or concurrent enrollment), NUR 155, and NUR 252. Continued application of nursing theories, principles, and skills to meet human needs of adult clients experiencing more complex, recurring actual or potential health deviations. The nursing process provides the framework to synthesize the aspects of communication, ethical/legal issues, cultural diversity,

and optimal wellness. Supervised clinical laboratory includes care of the adult client in the acute care setting. Assessment, problem solving, and critical thinking skills enable the student to plan, provide, and evaluate care. The clinical lab and classroom portions must be satisfactorily completed to pass this course.

NUR 261 Meeting Psychosocial Needs 2 cr. Offered autumn and spring. Prereq., NUR 152, PSY 185, PSYC 100S, or consent of instructor. Discusses theories of mental illness and maladaptive behaviors. Included are a variety of treatment modalities including psychotropic medications, as well as alternative therapies such as therapeutic touch. The nursing process is used as a framework to plan care for a variety of patients experiencing psychiatric disorders.

NUR 266 Clinical Capstone Experience 2 cr. Offered summer. Prereq., all third semester courses and consent of instructor. Capstone course that allows the student to work collaboratively with an identified LPN preceptor, performing the role expectations for care in that workplace setting.

NUR 269 Nursing Trends and Issues 3 cr. Offered autumn and spring. Prereq., PSYC 100S and/or consent of instructor. Transition from the student role to that of the graduate nurse. Communication skills in the workplace, ethical/legal issues, and professional responsibilities are included. Leadership and management roles are examined. Skills necessary to obtain and retain employment are stressed. The State Nurse Practice Act is discussed as one regulator of practice issues.

NUR 270 Nursing Review 2 cr. Offered autumn and spring. Prereq., enrollment in all fourth semester courses and consent of instructor. Preparation for the national licensing test for LPN licensure.

PSYC 100S Introduction to Psychology 4 cr. Offered every term. Introduction to the scientific study of behavior in humans and other animals.

PSY 185 Human Development Across the Life Span 3 cr. Offered autumn and spring. Prereq., PSYC 100S. The study of human physical, cognitive, and psychosocial development throughout the life span. Content covers major theories, the influence of genetics, and the environment from a chronological aspect.

SCN 119N Anatomy and Physiology 6 cr. Offered autumn and spring. Basic knowledge necessary for students in health-related programs. Emphasis is on normal anatomy and physiology with presentation of basic concepts in chemistry and microbiology as they relate to human anatomy and physiology. A cadaver lab is included.
