

Associate Degree Nursing

Program Number: 10-543-1

Associate in Applied Science Degree

Nursing Program Cluster

Center of Health & Safety Education

Program offered at Madison, Reedsburg and Watertown Campuses

For information call: (608) 246-6065 or (800) 322-6282 Ext. 6065

About the Program

Accredited by the National League for Nursing Accrediting Commission <http://NLNAC.org>, 3343 Peachtree Road NE Suite 500, Atlanta, GA 30326, (404) 975-5000 and approved by the Wisconsin Department of Regulation and licensed by the Board of Nursing, this program prepares practitioners to function with judgment and technical competence while providing nursing care to patients of all ages. Upon completion, students are eligible to write the national exam for licensure as a registered nurse. Emphasis is on critical thinking, self-direction and independence. Helpful aptitudes and interests include respect for uniqueness of individuals; a willingness to follow procedures carefully, understanding that errors may have serious consequences; and an ability to work and communicate with others, to be precise and exact work under pressure, and react quickly in an emergency.

Application Process

To apply to the program, students must submit an application & required documents. A completed packet consists of the completed application form, \$30 application fee (if not previously paid), \$5 online processing fee per application, high school transcripts or GED/HSED test scores, college transcript(s) and COMPASS/ASSET test scores. There will be a Nursing Assessment test required for Fall 2010 students. More information will be available by July 1.

Unique Requirements for Admission

- 1) High school graduation or HSED or GED; 2) Satisfactory score on the ACT, SAT, COMPASS, ASSET or equivalent assessment test;
- 3) Chemistry: Two semesters of high school chemistry with a lab component with a C or better each semester; or a four-credit college-level chemistry course with a lab component (10-806-134, General Chemistry or a higher level course), with a grade of C or better;
- 4) Algebra: competency demonstrated through satisfactory competency test scores or a college algebra course, with a grade of C or better.

NOTE: The chemistry and algebra requirement (see number 3 and 4 above) must be in progress or completed at the time of application. This means that you must have already completed this requirement or you must currently be enrolled in the course(s) at the time you apply.

Licensed Practical Nurses may be granted advanced standing in nursing courses on the basis of prior education and experience or examination. Licensed Practical Nurses must apply to the Nursing Completion LPN to A DN program, meet all the stated admission requirements, have all the required general education support classes completed with grades of C or above before they are in line for third semester entry.

Curriculum

		Credits	Hrs/week Lec-Lab
Pre-Nursing Courses:			
30-543-300	Nursing Assistant*	3	2-1
10-801-195	Written Communication* OR	3	3-0
20-801-201	English Comp 1*	(3)	(3-0)
10-801-198	Speech* OR	3	3-0
10-801-196	Oral/Interpersonal Communications* OR	(3)	(3-0)
20-810-201	Fundamentals of Speech*	(3)	(3-0)
(Note: Speech only, English 2 will no longer suffice.)			
20-806-207	Anatomy and Physiology 1*	4	3-2
20-806-208	Anatomy and Physiology 2*	4	3-2
20-806-273	Microbiology* OR	4	3-2
20-806-274	Microbiology* (UW Madison transfer requirement) (5)	(5)	(3-2)
20-809-203	Intro to Sociology* OR	3	3-0
10-809-197	Contemporary American Society*	(3)	(3-0)
20-809-231	Intro to Psychology*	3	3-0
20-809-233	Developmental Psychology*	3	3-0
	<u>Elective*</u>	<u>5</u>	<u>5-0</u>
	Total	35	

FIRST YEAR

		Credits	Hrs/week Lec-Lab
First Semester			
10-543-101	Nursing Fundamentals	2	2-0
10-543-102	Nursing Skills	3	0-6
10-543-103	Nursing Pharmacology	2	2-0
10-543-104	<u>Nursing: Intro to Clinical Practice</u>	<u>2</u>	<u>0-6</u>
	Semester Total	9	

Second Semester

10-543-105	Nursing Health Alterations	3	3-0
10-543-106	Nursing Health Promotion	3	3-0
10-543-107	Nursing Clinical Care Across the Lifespan	2	0-6
10-543-108	<u>Nursing: Intro to Clinical Management</u>	<u>2</u>	<u>0-6</u>
	Semester Total	10	

SECOND YEAR

First Semester

10-543-109	Nursing Complex Health Alterations 1	3	3-0
10-543-110	Nursing Mental Health Community Concepts	2	2-0
10-543-111	Nursing Intermediate Clinical Practice	3	0-9
10-543-112	<u>Nursing Advanced Skills</u>	<u>1</u>	<u>0-2</u>
	Semester Total	9	

Second Semester

10-543-113	Nursing Complex Health Alterations 2	3	3-0
10-543-114	Nursing Management Concepts	2	2-0
10-543-115	Nursing Advanced Clinical Practice	3	0-9
10-543-116	<u>Nursing Clinical Transition</u>	<u>2</u>	<u>0-6</u>
	Semester Total	10	

Note: Students are placed in English or mathematics courses based on their scores on the COMPASS or ASSET test or on completion of the appropriate prerequisite/s.

* Students are required to complete all the listed general education requirements prior to petitioning into the Nursing Program. TEAS testing and possible remediation would also be required (more information regarding petitioning and TEAS testing will be posted on the web by July 1). Electives may be either 100 or 200 level courses. Students are encouraged to take college transfer courses (200-level courses) for educational advancement.

** Upon successful completion of first year courses, students are eligible to take LPN licensure exams.

Note: A copy of the essential functions necessary to successfully complete the program of study is available upon request from the Center office. Students are required to show evidence of current Health Care Professional CPR certification before beginning the first nursing course.



Program Requirements

1) Physical health exam within three months prior to beginning the first nursing course and completion of all required immunizations; 2) Physical and mental abilities essential to successfully complete the program are referred to as Essential Functions. A copy of these functions are available from the division office; 3) Caregiver Background Checks (CBC). See the MATC Website for Health, Human and Protective Services Policy; and 4) Current "Health Care Professional" CPR certification.

Program Courses

10-543-101 Nursing Fundamentals 2 credits

This course focuses on basic nursing concepts that the beginning nurse will need to provide care to diverse patient populations. Current and historical issues impacting nursing will be explored within the scope of nursing practice. The nursing process will be introduced as a framework for organizing the care of patients with alterations in cognition, elimination, comfort, grief/loss, mobility, integument, and fluid/electrolyte balance.

10-543-102 Nursing Skills 3 credits

This course focuses on development of clinical skills and physical assessment across the lifespan. Content includes mathematic calculations and conversions related to clinical skills, blood pressure assessment, aseptic technique, wound care, oxygen administration, tracheostomy care, suctioning, management of enteral tubes, basic medication administration, glucose testing, enemas, ostomy care and catheterization. In addition the course includes techniques related to obtaining a health history and basic physical assessment skills using a body systems approach.

10-543-103 Nursing Pharmacology 2 credits

This course introduces the principles of pharmacology, including drug classifications and their effects on the body. Emphasis is on the use of the components of the nursing process when administering medications.

10-543-104 Nursing: Introduction to Clinical Practice 2 credits

This introductory clinical course emphasizes basic nursing skills and application of the nursing process in meeting the needs of diverse clients. Emphasis is placed on performing basic nursing skills, the formation of nurse-client relationships, communication, data collection, documentation and medication administration.

10-543-105 Nursing Health Alterations 3 credits

This course elaborates upon the basic concepts of health and illness as presented in Nursing Fundamentals. It applies theories of nursing in the care of clients through the lifespan, utilizing problem solving and critical thinking. This course will provide an opportunity to study conditions affecting different body systems and apply therapeutic nursing interventions. It will also introduce concepts of leadership, team building, and scope of practice.

10-543-106 Nursing Health Promotion 3 credits

This course will cover topics related to health promotion in the context of the family. We will cover nursing care of the developing family, which includes reproductive issues, pregnancy, labor and delivery, post-partum, the newborn and the child. Recognizing the spectrum of healthy families we will discern patterns associated with adaptive and maladaptive behaviors applying mental health principles. An emphasis is placed on teaching and supporting healthy lifestyles choices. Nutrition, exercise/stress management, empowerment and risk reduction practices are highlighted. Study of the family will cover dynamics, functions, discipline styles and stages of development.

10-543-107 Nursing Clinical Care Across the Lifespan 2 credits

This clinical experience applies nursing concepts and therapeutic interventions to clients across the lifespan. It also provides an introduction to concepts of teaching and learning. Extending care to include the family is emphasized.

10-543-108 Nursing: Intro. to Clinical Management 2 credits

This clinical experience applies nursing concepts and therapeutic nursing interventions to groups of clients. It also provides an introduction to leadership, management and team building.

10-543-109 Nursing Complex Health Alterations 1 3 credits

Complex Health Alterations 1 prepares the learner to expand knowledge from previous courses in caring for clients with alterations in musculoskeletal, cardiovascular, respiratory, endocrine and hematologic systems as well as clients with fluid/electrolyte and acid-base imbalance, and alterations in comfort.

10-543-110 Nursing Mental Health Community Concepts 2 credits

This course will cover topics related to the delivery of community and mental health care. Specific health needs of individuals, families, and groups will be addressed. Attention will be given to diverse and at-risk populations. Mental health concepts will concentrate on adaptive/maladaptive behaviors and specific mental health disorders. Community resources will be examined in relation to specific types of support offered to racial, ethnic, economically diverse individuals and groups.

10-543-111 Nursing Intermediate Clinical Practice 3 credits

This intermediate level clinical course develops the RN role when working with clients with complex health care needs. A focus of the course is developing skills needed for managing multiple clients and priorities. Using the nursing process, students will gain experience in adapting nursing practice to meet the needs of clients with diverse needs and backgrounds.

10-543-112 Nursing Advanced Skills 1 credit

This course focuses on the development of advanced clinical skills. Content includes advanced IV skills, blood product administration, chest tube systems, basic EKG interpretation and nasogastric/feeding tube insertion.

10-543-113 Nursing Complex Health Alterations 2 3 credits

This course prepares the learner to expand knowledge and skills from previous courses in caring for clients with alterations in the immune, neuro-sensory, musculoskeletal, gastrointestinal, hepatobiliary, renal/urinary and the reproductive systems. The learner will also focus on management of care for clients with high risk perinatal conditions, high risk newborns and the ill child. Synthesis and application of previously learned concepts will be evident in the management of clients with critical/life threatening situations.

10-543-114 Nursing Management Concepts 2 credits

This advanced clinical course covers nursing management and professional issues related to the role of the RN emphasis is placed on preparing for the RN practice.

10-543-115 Nursing Advanced Clinical Practice 3 credits

This advanced clinical course requires the student to integrate concepts from all previous courses in the management of groups of clients facing complex health alterations. Students will have the opportunity to further develop critical thinking skills using the nursing process in making clinical decisions. Continuity of care through interdisciplinary collaboration is emphasized.

10-543-116 Nursing Clinical Transition 2 credits

This clinical experience integrates all knowledge learned in the previous course in transitioning to the role of the graduate nurse. The course promotes relatively independent clinical decisions, delegations, and works collaboratively with others to achieve client and organizational outcomes.

Career Potential:

- Registered Nurse (RN) Board Exam (NCLEX), graduates may work as registered nurses in a variety of healthcare settings including clinics, hospitals, extended-care facilities, doctor's offices, home health agencies and selected industrial and business settings.

With additional education graduates may:

- Attain a Bachelors of Science in Nursing Degree
- Attain a Master of Science in Nursing Degree

More detailed and updated information on this program may be available at: matcmadison.edu. The college reserves the right to make changes in the regulations and courses announced in this publication without notice.

Madison Area Technical College provides equal opportunity in education and employment.

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Online Courses

Some nursing courses are available online. Students who are enrolled in program courses or who are within one semester of acceptance may register for online courses if all general education requirements are met. All program policies apply to online and face-to-face courses. Due to graduation verification and licensing paperwork, all fourth semester classes MUST be taken at MATC.