

# Associate Degree Nursing

Program Number: 10-543-1

## Associate in Applied Science Degree

Nursing Program Cluster

School of Health 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 850 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, under-standing 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.

### Unique Requirements for Admission – TIER 1

- 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 grade of 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 within the last two years through either satisfactory competency test scores or a college algebra course, with a grade of C or better. (time frame should be eliminated as we will have TEAS scores)

**NOTE:** The chemistry and algebra requirement (see number 3 and 4 above) must be completed at the time of application. This means that you must have already completed this requirement at the time you apply.

### Petition Process – TIER 2

After students have been determined qualified for the program, they pay their \$50 deposit to secure their spot and be issued a priority date/sequencing number. This is used only for sequencing if there are more petitioners than spaces available for any given semester. To be eligible to petition, students must have satisfactorily completed all the listed general education requirements or in progress with the last class(es) and have met all Madison College benchmark scores (the composite; Reading; Math; Science and English/language scores for the TEAS IV or V exam). Priority for admission to the core nursing classes will be given to those candidates who have all pre nursing courses completed at the time of petitioning. Please read all the detail requirements listed on the Petition Process tab on the Associate Degree Nursing web pages.

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 may apply for admission into the third semester core nursing classes.

## Curriculum

The courses listed below outline the requirements for graduation for students entering this program in the 2012-2013 academic year. Requirements for graduation may vary depending on the semester in which a student is admitted to their program.

Current/continuing students should consult their degree progress report available through their student center account for specific graduation requirements. Program requirements are subject to change.

Pre-Nursing Courses:		Credits	Hrs/week Lec-Lab
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* OR.....	(3)	(3-0)
20-810-205	Interpersonal & Small Group Communication*.....	(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 *.....	(5)	(3-2)
(check with your next school about transfer requirements)			
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
	Elective*.....	5	5-0
<b>Total</b>		<b>35</b>	

### FIRST YEAR

First Semester		Credits	Hrs/week Lec-Lab
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	Nursing: Intro to Clinical Practice.....	2	0-6
<b>Semester Total</b>		<b>9</b>	

### 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	Nursing: Intro to Clinical Management.....	2	0-6
<b>Semester Total</b>		<b>10</b>	

### 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	Nursing Advanced Skills.....	1	0-2
<b>Semester Total</b>		<b>9</b>	

#### 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	Nursing Clinical Transition.....	2	0-6
<b>Semester Total</b>		<b>10</b>	

\*Students are required to complete all the listed general education requirements or in progress with the last class(es) prior to petitioning for entry into core Nursing courses. Priority for admission to the core nursing classes will be given to those candidates who have all pre nursing courses completed at the time of petitioning. TEAS testing and possible remediation are also required (more information regarding petitioning and TEAS testing can be found on the web site). 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 exam.

**Note:** A copy of the Functional Abilities necessary to successfully complete the program of study is available on the web site.



## Program Requirements

1) Physical health exam within three months prior to beginning the first nursing course, current TB skin test and completion of all CHASE (School of Health Education) required immunizations; 2) Physical and mental abilities essential to successfully complete the program are referred to as Functional Abilities. A copy of these functions are available on the web site; 3) Caregiver Background Checks (CBC). See the MATC Website for Health, Human and Protective Services Policy; and 4) Current "Health Care Professional" CPR certification.

## Online Courses

All nursing theory courses are available online. Students who are enrolled in program courses may register for online courses. 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 Madison College. If for any reason Madison College does not offer a course online the AD nursing students who wishes to enroll in a non-district online course, must receive permission from the Madison College Associate Dean of Nursing to enroll in a non-district online courses offered outside the district.

## 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. This course 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 paced 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: [madisoncollege.org](http://madisoncollege.org). 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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