

MDT College of Health Sciences

dba ATS Institute of Technology

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Catalog and Handbook Addendum

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Chicago*

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The course descriptions for the Practical Nursing Program (Chicago) are as follows:

Course Descriptions for Practical Nursing Curriculum – Chicago

BIO1017 Human Anatomy and Physiology I **4 credits**

Course Description:

This is the first course in the series that studies the structure and function of the human body using the integrating principle of homeostasis. The body, as a whole, is discussed along with nutrition and the chemical basis of life. Organization of the human body, cells, tissues, organs, and systems are discussed. Emphasis is placed on the following organ systems/topics: integumentary, skeletal, muscular, nervous systems, and the special senses. The course includes medical terminology activities, outside hours assignments and mandatory theory application hours. Prerequisites: none

BIO1018 Human Anatomy and Physiology II **3.5 credits**

Course Description:

This is the second course in the series that studies the structure and function of the human body using the integrating principle of homeostasis. Metabolism of carbohydrates, proteins, and lipids along with elimination of waste products is discussed. Emphasis is placed on the following organ systems/topics: cardiovascular, lymphatic, immune, respiratory, endocrine, digestive, urinary, and reproductive systems as well as fluid/electrolyte balance, acid/base balance, pregnancy and growth & development. This course includes additional clock hours outside of theory and Theory application lab hours. Prerequisites: BIO1017 Human Anatomy and Physiology I

BIO1019 Human Anatomy and Physiology I & II **7.5 credits**

Course Description:

This course studies the structure and function of the human body using the integrating principle of homeostasis. The body, as a whole, is discussed along with nutrition and the chemical basis of life. Organization of the human body, cells, tissues, organs, and systems is discussed. The course includes medical terminology activities, outside of class activities and mandatory theory application hours. Prerequisites: None. Co-requisites: None

NUR1001 Clinical Judgement for the PN **1 credit**

Course Description:

This course provides students with opportunities to consider the theoretical perspectives on, and practical reality of, making judgments and decisions in the best interest of patients and clients. Theoretical input will be supported by case study exploration and reflection and allows students to explore the complexity of clinical decision making and judgement within the healthcare industry. This course includes additional clock hours outside of theory. This course runs concurrently with NUR 1101 Nursing Fundamentals. Prerequisites: Acceptance into PN Program

NUR 1101 Nursing Fundamentals**8.5 credits**

Course Description:

This course utilizes research from the National Council of State Boards of Nursing (NCSBN) activities of safe nursing practice for the Licensed Practical Nurse (LPN) and the NCLEX PN test plan to provide a framework for this course. The course focuses on safe clinical decision making based on evidence-based practice for all body systems including basic skills, laboratory, simulation and clinical experiences for learning. This course requires successful completion of concurrent lab and clinical hours and includes additional clock hours outside of class time. Prerequisites: Placement by achieving required benchmark on TEAS exam, BIO1017 Human Anatomy and Physiology I, or concurrently with BIO1019 Human Anatomy and Physiology I & II, or BIO1018 Human Anatomy and Physiology II

NUR1102 Pharmacology**3 credits**

Course Description:

This course provides the student with content relevant to the use and administration of drugs in nursing practice. It includes information about drug classifications and pharmacokinetics. Variations across the lifespan are considered. Students learn the importance of drug actions, interactions, side effects and nursing implications. Students learn the components of patient teaching and assisting in patient self-administration of drugs. This course includes additional clock hours outside of theory and has a lab component. This course runs concurrently with NUR 1101 Nursing Fundamentals. Prerequisites: Acceptable math placement score

NUR 1110 Nursing Care of the Adult I**9.5 credits**

Course Description:

This course builds on concepts and skills learned in Fundamentals of Nursing. Students will apply the nursing process when learn how to care for adult medical-surgical patients and their families experiencing complicated chronic or an acute alteration in health. Research from the National Council of State Boards of Nursing (NCSBN), activities of safe nursing practice for the LPN, the NCLEX Test Plan and reinforcement of clinical reasoning and clinical judgment skills are incorporated in this course. This course requires successful completion of concurrent lab hours and includes additional clock hours outside of class time. This course runs concurrently with Critical Thinking Lab. Prerequisites: NUR1001 Clinical Judgement for the PN, and NUR1101 Nursing Fundamentals

NUR 1105 Nursing for the Family and Nursing for Children**4 credits**

Course Description:

This course focuses on maternity nursing care of the woman during her maternity cycle and her family including pediatric nursing care of the child across the lifespan through adolescence. The nurse's teaching, caring, communication, and critical thinking roles are discussed and used with application to the nursing process as appropriate to the Licensed Practical Nurse scope of practice. The care of families experiencing issues of psychological, cultural, and spiritual needs is explored. This course requires successful completion of concurrent lab hours and includes additional clock hours outside of class time. Prerequisites: NUR1101 Nursing Fundamentals

NUR1003 Critical Thinking Lab**2 credits**

Course Description:

This course provides students with knowledge to implement the theoretical perspectives on, and practical reality of, making judgement and decisions in the best interest of patients and clients. This course will enhance the student cognitive processes which underpins safe and effective care delivery in the healthcare setting. Through clinical reasoning exercises, this course will assist the student with developing a complex cognitive process that uses formal and informal thinking strategies to gather and analyze patient information, evaluate the significance of this information and weigh alternative actions. This course includes additional clock hours outside of theory. This course runs concurrently with NUR 1110 Nursing Care of the Adult I or NUR 1120 Nursing Care of Adult II. Prerequisites: NUR1001 Clinical Judgement for the PN, and NUR1101 Nursing Fundamentals

NUR 1120 Nursing Care of the Adult II**9.5 credits**

Course Description:

This course is a continuation of concepts and skills learned in Nursing Care of Adult I. Students will apply the nursing process when learning how to care for adult medical-surgical patients and their families experiencing complicated chronic or an acute alteration in health. Research from the National Council of State Boards of Nursing (NCBSN), activities of safe nursing practice for the LPN, the NCLEX Test Plan and reinforcement of clinical reasoning and clinical judgment skills are incorporated in this course. This course requires successful completion of concurrent lab and clinical hours and includes additional clock hours outside of class time. Prerequisites: NUR1101 Nursing Fundamentals, NUR1110 Nursing Care of the Adult I

NUR 1125 Nursing Care of the Older Adult and Nursing for Mental Health**5.5 credits**

Course Description:

This course focuses on nursing care of the older adult and clients with mental health issues. Emphasis is placed on the role of the Licensed Practical Nurse and his/her contribution to the nursing process in meeting the physiological, psychosocial, cultural, and spiritual needs of older adult clients, mental health clients, and their families. Critical thinking skills and a caring manner are used in nursing care delivery, coordination, collaboration, and documentation. Clinical experience is a component of this course that allows the student to demonstrate effective communication skills with the client and clinical staff and the appropriate use of the nursing process in the delivery of nursing care to the older adult client and the mental health client. This course requires successful completion of concurrent lab and clinical hours and includes additional clock hours outside of class time. Prerequisites: NUR1101 Nursing Fundamentals

NUR 1114 Nursing Seminar - Transition to Practice**1.5 credits**

Course Description:

This course builds upon previous nursing courses for the acquisition and application of nursing theory necessary for safe, patient-centered nursing care of diverse patients across the lifespan while integrating legal and ethical responsibilities of the Practical Nurse. This is a milestone course that prepares students for practice. At the conclusion of the course, students will demonstrate proficiency in Fundamentals, Pharmacology, and Medical-Surgical by testing and successful remediation. This course includes additional clock hours outside of the classroom. Prerequisites: NUR1101 Nursing Fundamentals, NUR1110 Nursing Care of the Adult I, NUR1120 Nursing Care of the Adult II, NUR1105 Nursing for the Family and Nursing for Children, NUR1102 Pharmacology, NUR1003 Critical Thinking Lab, NUR1001 Clinical Judgement for the PN

Developmental Courses**(Developmental Courses are not considered for credit)****ENG0911 Reading and Mastering Study Skills****0 credits**

Course Description:

ENG0911 is designed to prepare students for college-level courses and exams that require the ability to read comprehensively and think critically. Students will learn in-depth methods of applying reading concepts, study strategies and critical thinking skills to college-level content texts. Group discussions and other in-class activities will allow students to: develop their study and comprehension skills, analyze critically what they have read or seen, acquire new vocabulary in context, articulate their inferences, and refine their ideas for individual writing assignments. Students will learn how to apply these strategies across the ATS curriculum. Students will use computers to document their in-class and home assignments. Prerequisites: None

ENG0913 Writing Strategies**0 credits**

Course Description:

ENG 0913 enhances and refines students' writing skills and develops their ability to use formal English. Students will learn to express their ideas clearly and precisely in complete sentences that comply with the standards of English grammar. Students will compose intelligible sentences free of serious errors in grammar, organization, and style. Students will use computers to document their assignments and practice skills. Students will learn how to edit their own writing for grammatical correctness and revise paragraphs and essays for unity, logic, coherence, and completeness. Prerequisites: None

MAT0915 Basic College Math**0 credits**

Course Description:

This course provides students with basic math skills required for success in college education. This course covers basic computational math and high school algebra including, but not limited to, ratios and proportions, and metric. Students are shown many methods to sharpen their math skills and are provided multiple opportunities to practice those skills. Refreshing their knowledge of learned math will be an important part of the course. Prerequisites: None

Review Course and Success Strategies Course
(The Review Course and Success Strategy Course are not considered for credit)

REV1003 NCLEX Review Course

0 credits

Course Description:

This learning experience prepares students to pass the Comprehensive Exit Examination and the NCLEX-PN licensure examination. Various teaching-learning strategies are used to assist students in answering questions based on cognitive levels of application and higher. Prerequisites: Successful completion of all program courses.

SUC1001 Success Strategies

0 credits

Course Description:

This course is designed to introduce the newly enrolled ATS student to the student role, resources, and strategies to enhance success in college. The student will learn professionalism required for the academic and professional roles, resources necessary for optimal performance as a nursing student, and personal skills such as time management and studying based on individual learning style. Prerequisites: None

Academic Calendar Summer 2020 - Fall 2020*

Nursing programs are offered on a trimester basis. Each semester (fall, spring, and summer) consists of fifteen (15) weeks of academic work with scheduled breaks between semesters. (Chicago students are scheduled for two 15 week sessions and one 19-week session at the end of the program.) Students can add or drop classes without penalty during the first two weeks of the semester. (See Add/Drop Period policy) Students who are withdrawing from the semester are required to follow the Withdrawal policy outlined in the handbook and review the Refund policy to understand financial obligations to the school.

May 18, 2020	Summer Semester 2020 Classes begin
May 25, 2020	Memorial Day (NO SCHOOL)
May 29, 2020	Last day to add/drop classes without penalty
June 26, 2020	Last day to withdraw from classes with a "W"
July 3, 2020	July 4 th Holiday Observed (NO SCHOOL)
Aug. 17-21, 2020	Academic Success Week
Aug. 24-28, 2020	Final Exams (End of Semester)
Aug. 31- Sept, 7, 2020	Summer Break (NO SCHOOL)
Sept.9- Oct.6, 2020	Chicago Summer Graduates NCLEX review class starts
October 6, 2020	Last day for Summer Chicago Graduates

September 7, 2020	Labor Day
September 8, 2020	Faculty meeting/Professional development Mandatory Student Orientation
Sept. 9, 2020, Wednesday	Fall Semester 2020 Classes begin
September 22, 2020	Last day to add/drop classes without penalty
October 20, 2020	Last day to withdraw from classes with a "W"
November 26-27, 2020	Thanksgiving Break (NO SCHOOL)
December 18, Friday – December 23, Wednesday, 2020	Finals Week
December 24 - December 25	Holiday (NO SCHOOL)
December 28, 2020	Last day of Semester
December 29, 2020-January 8, 2021	Winter Break (NO SCHOOL)
Dec. 28- Jan 26, 2021	Chicago Fall Graduates NCLEX review class starts
January 26, 2021	Last day for Chicago Fall Semester Graduates

*MDT/ATS reserves the right to change this Academic Calendar without notice.
The calendar was changed 04/14/20 and 08/10/2020 due to COVID-19 pandemic.

Academic Calendar Fall 2020 - Fall 2021*

Nursing programs are offered on a trimester basis. Each semester (fall, spring, and summer) consists of fifteen (15) weeks of academic work with scheduled breaks between semesters. (Chicago students are scheduled for two 15 week sessions and one 19-week session at the end of the program.) Students can add or drop classes without penalty during the first two weeks of the semester. (See Add/Drop Period policy) Students who are withdrawing from the semester are required to follow the Withdrawal policy outlined in the handbook and review the Refund policy to understand financial obligations to the school. Day and evening classes are available.

September 7, 2020	Labor Day
September 8, 2020	Faculty meeting/Professional development Mandatory Student Orientation
Sep. 9, 2020, Wednesday	Fall Semester 2020 Classes begin
September 22, 2020	Last day to add/drop classes without penalty
October 20, 2020	Last day to withdraw from classes with a "W"
November 26-27, 2020	Thanksgiving Break (NO SCHOOL)
December 18, Friday – December 23, Wednesday, 2020	Finals Week
December 24 - December 25	Holiday (NO SCHOOL)
December 28, 2020	Last day of Semester
December 29, 2020-January 8, 2021	Winter Break (NO SCHOOL)
Dec. 28- Jan 26, 2021	Chicago Summer Graduates NCLEX review class starts
January 26, 2021	Last day for Chicago Fall Semester Graduates

January 11, 2021	Spring Semester 2021 Classes begin
January 18, 2021	Martin Luther King Day (NO SCHOOL)
January 22, 2021	Last day to add/drop classes without penalty
February 19, 2021	Last day to withdraw from classes with a "W"
April 20, 2021 Tuesday – April 26, 2021 Monday	Finals Week
April 26, 2021	Last day of Semester
April 27, 2021 – May 7, 2021	Spring Break (NO SCHOOL)
April 26, 2021 – May 14, 2021	Chicago Summer Graduates NCLEX review class starts
May 14, 2021	Last day for Chicago Spring Semester Graduates

May 10, 2021	Summer Semester 2021 Classes begin
May 21, 2021	Last day to add/drop classes without penalty
May 31, 2021	Memorial Day (NO SCHOOL)
June 18, 2021	Last day to withdraw from classes with a "W"
July 5, 2021	July 4 th Holiday Observed (NO SCHOOL)

August 18, Wednesday- August 24, 2021 Tuesday	Final Exams
August 24, 2021	Last day of Semester
August 25- September 3, 2021	Summer Break (NO SCHOOL)
August 25- Sep.15, 2021	Chicago Summer Graduates NCLEX review class starts
September 15, 2021	Last day for Summer Semester Chicago Graduates

September 6, 2021	Labor Day
Sep. 7, 2021	Fall Semester 2021 Classes begin
September 17, 2021	Last day to add/drop classes without penalty
October 15, 2021	Last day to withdraw from classes with a "W"
November 23, 2021	Faculty Day
November 23 – 26, 2021	Thanksgiving Break (NO SCHOOL)
December 13 – 17, 2021	Finals Week
December 17, 2021	Last day of Semester
December 20, 2021-December 31, 2022	Winter Break (NO SCHOOL)
Dec. 27- Jan 21, 2022	Chicago Summer Graduates NCLEX review class starts
January 21, 2022	Last day for Chicago Fall Semester Graduates

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