



## ADDENDUM

This addendum is a summary of selected changes for the MassBay Community College AY2019 – 2020 catalog.

### 1) Revised Degree and Certificate Programs:

#### *Science, Technology, Engineering & Mathematics*

- [Life Sciences A.S. – Effective Spring](#)
- [General Studies A.S. – Effective Spring](#)
- [Electrical & Computer Engineering A.S.](#) – Effective Spring
- [Human Services: Substance Abuse Certificate](#) – Effective Fall 2020

### 2) Revised Courses (these course descriptions can be accessed in PeopleSoft Student account):

#### *Business and Professional Studies*

- ED 222 Child Development Associate (CDA) Assessment (3 credits) – Effective Spring  
The CDA (Child Development Associate) Assessment course will assist students in developing a reflective Professional Portfolio based on the 13 CDA Functional Areas specific to their early education and care work environment (family child care, center-based infant/toddler, preschool or home visitor). This course is designed to expand the scope and level of educator performance by development and demonstration of competencies to prepare for earning the CDA national credential sponsored by the Council for Professional Recognition. Pre-requisites: PS 222 Child Development

#### *Health Sciences*

- PN 102 Foundations Of Practical Nursing (11 credits) - Effective Summer  
Course Description: This course focuses on the common core of nursing knowledge and skills necessary to provide nursing care in simple situations across the life span. Using the framework of basic human needs, content is based on safety/sensory, nutrition/hydration, elimination, oxygenation, mobility, comfort/rest, and self-concept/self-esteem needs. These concepts assist the student in recognizing characteristics of individual patients whose ability to meet his/her own basic needs have been compromised. Nursing process is introduced as the method utilized to meet basic human needs. Nursing skills are presented in classroom, laboratory, and clinical areas. Clinical experiences begin in long-term care facilities and progress to rehabilitation/sub acute facilities. Lecture: 90 hours per semester. Clinical: 180 hours. Lab: 45 hours. 11 Credits. Pre-requisites: BI 215, BI 217. Co-requisites: PN 105, PN 107, HL 111
- PN 105 Issues & Trends In Practical Nursing (1 credit) - Effective Summer  
Course Description: This course focuses on the history of practical nursing in relation to health care workers and the current health care delivery system. The role of the student, graduate, and licensed practical nurse is emphasized. Legal and ethical obligations of the professional are introduced. Content is organized under these basic human needs: safety/sensory, communication/interaction, and self-concept/esteem. Lecture: 1 hour per week. 1 Credit Prerequisites: BI 215, BI 217 Co-requisites: PN 102, PN 107, HL 111

- **PN 107 Principles of Pharmacology I (3 credits) - Effective Summer**  
 Course Description: One of the major practical nursing responsibilities in-patient care is the safe administration of medications. This course provides the beginning knowledge base of general pharmacology principles and information, drug characteristics, legal information, age-related and developmental considerations, and math for pharmacology calculations, including dosage calculation HESI testing. The course explores instruction for correct calculation of divided doses, solid and liquid medications and intravenous fluids and medications. Students will learn how to classify medications, examples of various medications, actions, uses, side effects, patient teaching, and nursing implications. Prerequisite: BI 215, BI 217. Total course credits 3; Lecture: 3 hours per week. 3 Credits.  
 Co-requisites: PN 102, PN 105, HL 111
- **PN 110 Principles of Pharmacology II (3 credits) - Effective Summer**  
 Course Description: This course focuses on commonly prescribed drugs used to treat common disorders covered in the practical nursing courses. Students will learn about major factors that provide for the basic human need of safety. In addition to medications and their classification, actions, uses, side effects, and nursing considerations, students will continue to master pharmacology calculations. This course builds on PN 107. It is designed to be taught concurrently with Med/Surg courses. Lecture: 3 hours per week. Co-requisite: PN121. 3 Credits Prerequisite: PN 102, PN 105, PN107, PN 109, HL 111, BI 215, BI 217
- **PN 121 Medical Surgical Nursing I (7 credits) - Effective Summer**  
 Course Description: This course examines the skills necessary to provide practical nursing care to patients across the life span that have common health problems. Basic human needs are the framework for the course content. Nursing information and skills are presented in classroom, laboratory, clinical area, and clinical conference settings. Students utilize critical thinking and the nursing process as the basis for delivery of safe practical nursing care. Students care for patients with common health problems in acute care clinical settings. Lecture: 60 hours per 8 wk session. Lab 22.5 hours Clinical: 112 hours. 7 Credits. Prerequisite: PN 102, PN 105, PN 107, HL 111, BI 215, BI 217, PN109. Co-requisites: PN 110.
- **PN 122 Medical Surgical Nursing II (7 credits) - Effective Summer**  
 Course Description: This course continues to explore the skills necessary to provide practical nursing care to patients across the life span that have common health problems. The framework for this course content is basic human needs and the following Nurse of the Future Competencies (NOF): Patient and Family Centered Care, Systems-Based Practice, Communication, Teamwork and Collaboration, Safety, and Evidence-Based Practice. Nursing information and skills are presented in classroom, laboratory, clinical area, and clinical conference settings. Students utilize critical thinking and the nursing process as the basis for delivery of safe practical nursing care. Students care for patients in sub-acute/rehabilitation care clinical settings. Lecture: 60 hours per 8 wk session. Lab 22.5 hours Clinical: 112 hours. Prerequisites: PN 102, PN 105, PN 107, BI 215, BI 217, HL 111, PN 109, PN 121. Co-requisites: PN 110.
- **PN 130 Care of the Family (7 credits) - Effective Summer**  
 Course Description: This course discusses nursing care of the family unit. The course content builds on knowledge learned in Life Span Psychology to provide an overview of the expected changes and basic human needs of the family unit. Students will explore patient conditions seen because of changes in society. Clinical conferences in this portion will explore various options common in today's PN practice, i.e., the PN in extended care facilities as primary nurse, charge nurse, medication nurse, and team leader. There is discussion of the evolving role of the PN in home care. The clinical component will provide selected experience in long-term care settings. Lecture: 60 hours per semester. Clinical: 135 hours. Prerequisites: PN 102, PN105, PN107, BI 215, BI 217, HL 111, PN 109, PN 110, PN 121, PN 122. 7 Credits

### ***Humanities & Social Sciences***

- PS 253 Substance Abuse (3 credits) – Effective Spring  
Course Description: This course focuses on screening, assessment, and diagnostic procedures in substance abuse treatment. Topics covered include recognition of risk factors, utilization of screening and assessment instruments, drug toxicology testing procedures, interviewing skills and techniques. This course introduces students to topics regarding screening and assessment with special populations, ethnic/cultural issues, and co-morbid/dual disorders. Pre-requisites: Introduction to Psychology (PS 101)

### **3) Pilot Courses:**

#### ***Business & Professional Studies***

- HON 200 150 Years of Inequality: Revisiting Reconstruction  
150 years ago, Congress passed the last of the three Reconstruction Amendments. The 13th Amendment officially abolished slavery. The 14th Amendment declared that all persons born or naturalized in the United States are American citizens, including African Americans, and afforded those citizens equal protection under the law. The 15th Amendment prohibits the United States government from denying a citizen the right to vote based on that citizen's race, color, or previous condition of servitude. Over the course of the 19th century, state governments and federal court decisions whittled away the promise bound up in those amendments to the point where historian Eric Foner called them a "revolution unfinished". Thus, many of the problems the Reconstruction amendments meant to address remain relevant today. This course examines the legacy of the Reconstruction Amendments by exploring their history, their legal evolution, and the sociology of race and class in contemporary society.