



Pensacola Junior College
Department of Nursing

Advanced Technical Certificate

In

Critical Care Nursing

Information Packet

**Pensacola Junior College
Advanced Technical Certificate
Critical Care Nursing**

Admission criteria: Unencumbered Florida license as a RN; Two years recent experience in an acute care setting.

Curriculum: The curriculum for the program consists of three components – (1) classroom instruction, (2) high-fidelity patient simulation, and (3) preceptorship.

Classroom instruction consists of approximately four and a half hours per week for sixteen weeks. The syllabus will follow the Core Curriculum for Critical Care Nursing published by the American Association of Critical Care Nurses.

Simulation Laboratories will be scheduled two hours each week. Over the semester, students will use both the METI human patient simulator and the Laerdal SimMan.

In addition to the high fidelity simulators, students are be scheduled for learning activities using Harvey, the Cardiopulmonary Patient Simulator.

Preceptorship will be scheduled for twelve hours per week for eight weeks following successful completion of the classroom and simulation laboratory components of the program. Scheduling is flexible

Note: The advanced technical certificate program is not intended as a prep course for the American Association of Critical Care Nurses certification exam.

Adult Critical Care Nursing

1. Acute Coronary Syndrome and Acute Myocardial Infarction, Care of the Patient with
2. Acute Respiratory Distress / Failure Secondary to Trauma, Post-Anesthesia, and Pneumonia
3. Acute Respiratory Distress Syndrome, Care of Patient with
4. Brain Attack with Thrombolytic Therapy, Care of the Patient With
5. Cardiogenic Shock Secondary to Acute Myocardial Infarction, Care of the Patient in
6. Closed Head Injury with Increasing Intracranial Pressure, Nursing Management of the Adult Patient with
7. Cocaine Overdose with Cardiac Arrest, Care of the Patient with a
8. Gunshot Wound Trauma, Care of the Patient with a
9. Heart Valve Replacement, Care of the Patient Post
10. Herniation Syndrome, Nursing Management of the Patient with
11. Motor Vehicle Collision with Abdominal Injury with Internal Bleeding and Hypovolemic Shock, Care of the Patient who was in a
12. Postoperative Care of the Craniotomy Patient with a Cerebral Aneurysm who Develops Cerebral Salt Wasting, Diabetes Insipidus, or Syndrome of Inappropriate ADH Secretion
13. Pulmonary Artery Catheter, Nursing Management of the Patient with a
14. Sepsis, Septic Shock and Multiple Organ Dysfunction Syndrome, Care of the Patient with
15. Spinal Cord Injured Patient with Neurogenic Shock, Care of the Syncope Secondary to Bradycardia Requiring Transthoracic Pacing Prior to the Insertion of a Permanent Pacemaker, Care of the Patient with
16. Thermal Injury, Care of the Patient with

**Nurses Learner Manual
Harvey, the Cardiopulmonary Patient Simulator**

Harvey Nurses Curriculum

1. Introductory Program
2. Normal
3. Angina
4. Acute Anterior Infarction
5. Innocent Murmur
6. Aortic Valve Sclerosis
7. Isolated click & murmur
8. Mild Mitral Regurgitation
9. Severe Aortic Stenosis
10. Severe Aortic Regurgitation
11. Atrial Septal Defect
12. Pericarditis
13. Additional Pulmonary Findings



PENSACOLA JUNIOR COLLEGE

Critical Care Nursing
Advanced Technical Certificate
Application

Student Number _____

RN License number _____

Last Name _____ First _____ Middle and/or Maiden _____

Mailing Address _____ Apt# _____

City _____ State _____ Zip Code _____

Telephone (_____) _____
Home

(_____) _____
Cell

(_____) _____
Work

Email _____

Work Experience

Two years work experience in an acute care setting required

Place of employment _____ Type of Unit _____ Dates _____

Place of employment _____ Type of Unit _____ Dates _____

Place of employment _____ Type of Unit _____ Dates _____

Return to: Pensacola Junior College
Department of Nursing
5555 West Highway 98
Pensacola, FL 32507-1097