

**Post-Licensure Critical Care Transport Certificate
12 Credit Hours**

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| Name: _____ |
| ID Number: _____ |
| Entry Date: _____ |
| Phone Number: _____ |
| Email Address: _____ |

| Tern | Grade | Course | | Credits |
|------|-------|--------|--|---------|
| | | HS498 | Advanced Concepts of Critical Care Transport | 3 |
| | | HS499 | Pre-Hospital & Critical Care Transport on Ventilator Mgmt. | 3 |
| | | HS410 | Leadership in Health Sciences | 3 |
| | | HS350 | Research in Health Sciences | 3 |

Course Descriptions

HS-498 Advanced Concepts of Critical Care Transport (3 credits)

Course Description: The Advanced Concepts of Critical Care Transport course (FBE300) is designed to provide the student with the knowledge necessary to transport critically ill and injured patients. The course content includes concepts outlined by both the International Board of Specialty Certifications (IBSC) as well as the Board of Certification for Emergency Nursing (BCEN). This online course will be an exploration of principles related to critical care transport, safety, resuscitation (including airway), trauma and burns, medical emergencies (including pharmacology) and special populations. This course is supported by current, evidence-based medical facts which allows for a multi-purpose application, i.e. certification in an advanced specialty, new and current knowledge acquisition, etc.

HS-499 Pre-Hospital and Critical Care Transport Perspectives on Ventilator Management (3 credits)

Course Description: The Pre-Hospital and Critical Care Transport Perspectives on Ventilator Management course (FBE350) is designed to provide the student with the knowledge necessary to care for their critically ill and injured patients. This online course will be comprehensive review of all things related to critical care transport ventilation. Core principles such as respiratory physiology, ventilator terminology, basic modes of ventilation, advanced modes, ventilator strategies, alarms and pain and sedation will be explored. These concepts are supported by current research, historical theory and case studies allowing the student to both optimize and maximize their knowledge related to mechanical ventilation.

HS-350: Research Methods in Health Sciences 3 credit hours

This course promotes the development of scholarship skills and use of research knowledge for practice in the health sciences. Students will articulate the importance of how scholarly activities contribute to the development of health science knowledge and applies to evidence-based health care practice. It includes a review of descriptive and inferential statistics as used in developing/using evaluation instruments and research designs. The analysis and critique of both qualitative and quantitative research methods and search of the literature to evaluate the quality of the evidence will occur. Competence in critiquing the validity of research studies, including designs and methodologies is a major learning outcome of the course.

HS-410: Healthcare Leadership 3 credit hours

This course provides skill building in leadership and management development practices in healthcare. Students will assess his or her own emotional intelligence and personal strengths in order to develop skills in operational management, and leadership skills necessary to achieve individual and healthcare organizational objectives.