UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Introduction To The Training 5

2526-3-I0101D904-I0101D912M

Aims

1. Knowledge and Understanding

Demonstrates knowledge and understanding of the fundamental principles for assisting individuals during episodes of aggression, violence, or critical health conditions.

Understands the pathophysiological and nursing principles related to shock management, non-invasive ventilation (NIV), helmet-based CPAP, and airway management.

Knows the theoretical, scientific, regulatory, and ethical-deontological frameworks relevant to the care of adults and children in critical or unstable conditions.

2. Applying Knowledge and Understanding

Apply nursing principles in managing complex, high-intensity clinical scenarios, such as shock or respiratory instability.

Safely use respiratory support devices (CPAP helmet, NIV systems, high and low airway suctioning).

Manage situations involving patient aggression or violence with technical competence and professional behavior.

Perform technical skills such as radial arterial blood sampling and basic critical pediatric care, in compliance with safety protocols and national regulations.

3. Making Judgements

Analyze critical clinical situations by assessing priorities, risks, and care needs.

Make decisions appropriate to their educational level, based on scientific evidence and guided by ethical and

deontological principles.

Critically reflect on their professional actions, recognizing personal limits and opportunities for growth, particularly in high-complexity settings.

4. Communication Skills

Communicate effectively with the multidisciplinary team during emergency or urgent situations and in critical care environments.

Maintain therapeutic relationships with patients and families, even in the presence of psychological distress, aggression, or vital instability.

Demonstrate professional communication behaviors during simulations and laboratory-based activities.

5. Learning Skills

Enhances self-directed learning and reflective thinking as part of their professional development.

Integrates theoretical knowledge, laboratory experience, and preparatory observation in view of clinical internship activities in high-intensity care settings.

Demonstrates motivation toward acquiring advanced competencies and a commitment to continuous professional growth.

Contents

During the internship will be tested, within the socio-sanitary structures, the contents presented within the courses of the third year of the course with particular reference to the conceptual model in use in the individual sections of the course. Among the aims of the clinical internship is to learn and develop PROFESSIONAL SKILLS divided into six areas: Culture, ethics and values; Health promotion and prevention, guidance and education; Decision making; Communication and teamwork; Research, development and leadership; Nursing.

Detailed program

In preparation for the internship the student will deepen the following contents:
• Assistance to the person in the phases of aggression and violence
• Positioning and management of a diving suit for the Continuos Positive Airway Pressure (CPAP)
• Management of the state of shock
• Exercise on radial arterial sampling
• Management of non-invasive ventilation devices
• Exercise of aspiration of high and low streets areas
• Child care in critical conditions

Prerequisites

Defined by the Regulations of the Degree Programme

Teaching form

The teaching method develops reaching 1 CFU for a total of 25 hours, divided as follows:
• 10 lessons from 2 hours in front of the course;
• 5 lessons from 1 hour of laboratory activities and exercises, carried out in interactive mode in presence

Textbook and teaching resource

Ausili D., Baccin G., Bezze S., Bompan A., Macchi B, Alberio M., Sironi C., Di Mauro S. (2018) The Model of Human Processes (2018): a theoretical framework for nursing care in the face of the challenge of complexity. CNAI Publication - Accredited Italian Centre for ICNP Research and Development™

Craven R.F., Hirnle C.J., Jensen S. (2024) Basic principles of nursing, V ed., CEA, Milan;

Herdman TH, Kamitsuru S, Takáo Lopes C (2024) Nanda International. Nursing Diagnosis-Definitions and Classification 2024-2026. Milan: CEA. [in print]

Smeltzer S.C., Bare B., Hinkle J.L., Cheever K.H. (2024) Brunner - Suddarth Infermieristica Medico-Chirurgica, CEA, Milano;

Semester

3rd Year, 2nd Semester

Assessment method

Attendance at lectures and workshops

Office hours

By appointment with the relevant teachers of the Teachings

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY