



APPROVED BY
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SYLLABUS

Practical Training Programme

Specialty 560001 — General Medicine (5-year programme)

Type of Practice: ASSISTANT TO THE PARAMEDIC OF EMERGENCY AND
URGENT MEDICAL CARE

1. Course Information

Form of study	Full-time
Year / Semester	Year 2 / Semester 4
Total workload	3 credits (90 academic hours)
Duration	3 weeks (15 working days)
Type of assessment	Pass/Fail with rating score
Practice base	Stations and substations of the Emergency Medicine Centre (EMC) of Bishkek; emergency departments of private medical centres



2. Brief Description

Students of Year 2 work as assistants to the paramedic of an ambulance brigade after the 4th semester. The placement gives experience of pre-hospital emergency care in a real medical team.

3. Aim of the Practice

To master the duties of an emergency-medicine paramedic, learn to perform independently selected medical procedures and to provide first medical aid at the pre-hospital level, and to gain experience working in a real medical team.

4. Learning Objectives

- Become familiar with the structure and organisation of EMC stations / substations and their units.
- Study the organisation of an ambulance brigade (staff, ambulance equipment, medical bags, documentation).
- Study the functional duties of paramedics working in a line brigade and on independent calls.
- Study the tactical, legal and organisational aspects of paramedic work.
- Familiarise with the ethics and deontology of emergency work.
- Master practical skills in emergency care for various illnesses, acute poisoning, trauma and accidents; master pre-hospital resuscitation technique.

5. Competencies Formed

SPC-2 (Social-Personal)

Able to use techniques of professional communication, build interpersonal relations, work in a group, resolve conflicts constructively and tolerantly perceive cultural and social differences.

PC-30 (Professional)

Able to organise medical care in emergency situations, including medical evacuation.

6. The Student Must Know

- Structure and organisation of the EMC; performance indicators; core EMC documentation.
- Functional capacity and equipment of all EMC units.
- Organisation of an ambulance brigade (vehicle layout, kit content, obstetric pack).
- Functional duties of an EMC paramedic.
- Paramedic tactics at the pre-hospital stage (ECG, CPR, gastric lavage, injections, peripheral catheter, urinary catheterisation, desmurgy, splinting).



- Anti-epidemic measures during a call; norms of sanitary-educational work; ethics and deontology.

7. The Student Must Be Able To

- Complete the documentation of an EMC paramedic correctly.
- Perform all types of injections (IV, IM, SC, peripheral catheter).
- Perform chest compressions and mouth-to-mouth ventilation.
- Operate equipment: ECG, tonometer, defibrillator, oxygenator, glucometer.
- Apply all types of splints and bandages; perform gastric lavage using a probe.
- Counsel the patient on primary prevention and healthy lifestyle.

8. Required Skills (control table)

Handling of ambulance calls	30 — levels 2–3
ECG recording, BP and blood-glucose measurement	20 — level 2
Chest compressions, mouth-to-mouth ventilation	10 — level 2
All types of injections, splints, bandages	10 — levels 2–3
First aid (syncope, bleeding, hypertensive crisis, angina, asphyxia, trauma, burns)	as encountered

Skill levels: 1 — has an idea / knows indications; 2 — knows, evaluates, takes part; 3 — performs independently.

9. Practice Diary

- Daily entries describe all work performed during the shift.
- Day 1: brief profile of the station / substation (number of brigades, indicators, equipment, governing orders).
- Daily report: number of calls; at least 3 calls described in detail (patient initial, age, diagnosis, aid provided).
- Participation in conferences and sanitary-educational work is recorded and signed by the supervisor.



- Character reference endorsed by the EMC chief physician and stamped with its seal.

10. Assessment

Final control — differentiated pass/fail examination by commission at the Simulation Centre immediately after the cycle. The student presents the practice diary with character reference.