

NRPM 113: Simulation Lab 1 Syllabus

[Semester and year]



Instructor information

Instructor	Email Address	Office hours
Paula Johnson	Paula.johnson@princetonrescue.com	Vary

General information

Description

This laboratory course develops the application of pre-hospital patient assessment, clinical decision making, and management skills using pre-established, simulated patient encounters. *Co-Requisites: NRPM 109, NRPM 110, NRPM 111, NRPM 112*

Expectations and goals

Upon Successful completion of this course, students will be able to:

- Successfully perform the following skills without critical error:
 - Comprehensive Normal Physical Assessment (Pediatric)
 - Trauma Physical Assessment (adult)
 - Medical And Cardiac Physical Assessment
 - IV Therapy
 - IV Medication Administration
 - Direct Orotracheal intubation (adult)
 - Direct Orotracheal Intubation (Ped)
 - Supraglottic Airway Device (Adult)
 - Needle Cricothyrotomy
 - CPAP & PEEP
 - Trauma Endotracheal Intubation (Adult)
 - Pleural Decompression
 - IV Piggyback Infusion
 - IO Infusion
 - IM Med Administration
 - SQ Med Administration
 - Synchronized Cardioversion
 - Defibrillation
 - TCP
 - Normal Delivery with Newborn Care
 - Abnormal Delivery with Newborn Care
 - Neonatal Resuscitation
- Synthesize information obtained from a simulated patient encounter to formulate and implement and treatment plan for individuals of any age group suffering from illness and injury.
- Assist the team leader in the treatment of a simulated patient of any age group suffering from illness and injury.

Course Delivery Method: In-Seat

Course materials

Required materials

Computer with Internet capabilities to access:

- <https://CourseSites.com>
- <https://www.platinumplanner.com/>

Optional materials

Required text

- Nancy Caroline's Emergency Care in the Streets; 8th edition, 2013 by Elling and Smith; Publisher Jones and Bartlett. ISBN: 978-1-284-13718-7

Course schedule (*Weeks correspond to semester schedule)

Week	Topic	Class Session	Minimum Points required	Minimum # of Attempts
5	Trauma Physical Assessment (adult) - PPCP	Peer Review Lab: (practice Session) & Simulated Patient Encounter	116	2
	IV Therapy - PPCP		76	10
6	Medical and Cardiac Physical Assessment – PPCP		130	2
	IV Medication Administration – PPCP		36	2
7-8	Comprehensive Normal Physical Assessment (Pediatric) – PPCP		136/146	2
9	Direct Orotracheal Intubation (Adult) – PPCP		50	2
	Supraglottic Airway Device (Adult) – PPCP		38	6
10	Direct Orotracheal Intubation (Ped) – PPCP		40	2
11	Needle Cricothyrotomy		34	4
12	CPAP & PEEP		64	2
13	Trauma Endotracheal Intubation (Adult) – PPCP		40	2
	Pleural Decompression – PPCP		30	2
14	IV Piggyback Infusion - PPCP		84	2
	IO Infusion – PPCP		62	4

	IM Med Administration – PPCP		44	1
	SQ Med Administration – PPCP		44	1
15	Synchronized Cardioversion – PPCP		34	4
	Defibrillation – PPCP		36	4
	TCP – PPCP		34	4
16	Normal Delivery with Newborn Care – PPCP		70	2
	Abnormal Delivery with Newborn Care – PPCP		74	2
	Neonatal Resuscitation			2
17-18		FINAL REMEDIATED EXAMINATION OF SKILLS		

Procedures for Evaluation

- A. *Students must complete each NRPM course with a grade point average of at least 70%. Any student who does not have a 70% average at the completion of an NRPM course will not be allowed to continue in the program. The student’s academic standing will be discussed with the student periodically throughout the program.
- B. If a student scores below a 70% on a NRPM Cumulative examination, the student will be required to retake the examination until a score of 70% is attained; however, the original score will stand as the recorded score.
- C. Individual skills that comprise a skill lab are mandatory per the National Registry of EMT’s. A student must complete each skill with the minimum points required AND the established number of SUCCESSFUL attempts meeting those minimum point standards. A percentage grade will be issued to the student based on the points obtained per attempt, active participation in lab sessions and the accuracy of his/her platinum documentation.
- D. Late submission of platinum documentation will receive a 10-point deduction in grade for each class day in which it wasn’t handed in.

***NOTE:** NRPM 202 is the exception to this policy. In this course, you must successfully complete each sub-specialty based on the criteria from each governing agency. The final grade issued for this course will be a “pass/fail.” If the student is unable to receive a passing grade for this class, the student will NOT be allowed to continue in the Paramedic Program.

Grading Components and Weights:

The Paramedic Program Student’s Classroom Assessment grade will be the sum of the weighted scores comprising the parameters of course work outlined below.

Skill Lab
<p>Skill Lab: Pass/Fail (<i>minimum points required per skill mandated based on NREMT - PPCP criteria</i>)</p> <ul style="list-style-type: none"> • Platinum Documentation = 5% • Lab Paperwork = 15% • Peer Review (TM) = 5% • Instructor Review Skills = 25% • Instructor Review (TL) = 30%
20% Monthly Behavioral Evaluations

Grading Scale:

100-90 = A 89-80 = B 79-70 = C 69-60 = D <59 = F

All students must maintain a C average in each course to continue throughout the program

Attendance Policy

All material is important to your success; therefore, students absent more than 5% of the course without a valid excuse will be dismissed from the program of study.

There are two types of absences recognized as a “valid excuse” by Princeton Rescue Squad’s Education Department: (1) absence resulting from participation in an activity where you are officially representing the Education Department; and (2) absence caused by unforeseeable and unavoidable circumstance which is beyond your control. All other absences are considered willful and will not count as excused. It is your responsibility to provide your instructor with a proper explanation and documentation of these valid absences. It is the responsibility of the student to make up any work or testing missed. The missed (comparable) coursework and exams must be completed within 72 hours of the absence and prior to the last date of the class.

Tardiness will not be tolerated. Any student who shows up later than 15 minutes into the beginning of a course or leaving a class session 30 minutes or more before the end of the class day will result in the mark of tardy on his/her record. An accumulation of 5 tardies will result in an unexcused absence.

Students may withdraw from the course at any time. Any student that misses more than two (2) consecutive class sessions without contacting the course instructor will be considered to have withdrawn from the course.

Student Advisory and Evaluation

Faculty will routinely discuss student progress throughout the program of study at regular intervals (increments no longer than 25% of the program) to provide learners with adequate chances to take corrective actions. During these mandatory meetings with a student item(s) or subject(s) of concern to discuss may include, but are not limited to:

Excessive absences and tardiness, failure to turn in assignments / clinical rotations on time, classroom / clinical behavior concerns, plagiarism, cheating, struggling or failure to maintain a GPA of 70%, etc.

A Student Advisory Form will be filled out and signed by both the Faculty member addressing the concern, and the student. Once the concern has been documented, the Program Instructor and student will discuss possible resolutions to the problem and a proposed action plan will be written on the Advisory Form. The student may use the Advisory Form to record a rebuttal against the initial concern or proposed action plan. The instructor will then mark the form “unresolved” and forward it to the Education Director who investigate the matter and make a determination on a second Advisory Form. Copies of these completed Advisory Forms are available to the student; however, originals must and will be retained by the Education Program.

Standards of Conduct Regarding Cell Phone Use

As adults, you are permitted to retain your cellular devices unless during testing. At that time, all cell phones must be placed in a bag away from your testing area or given to your instructor until the testing is complete. It is common during lecture for students to utilize their cell phones to look up information regarding topics discussed in the class session, and this practice is permitted. However, if the instructor or other member of the instructional or administrative staff see that cell phones are being used for other purposes (ie: facebook, messenger, etc.) during lecture, lab, or any other designated course activity then the following discipline policy will take place:

- First offense - verbal warning
- Second offense - written warning
- Third offense - dismissal from the program

Academic Dishonesty

As a student and pre-hospital professional, you are expected to adhere to a professional code of conduct and not engage in plagiarism, cheating, falsifying information or records, or any other such activity. Failure to adhere to this code of conduct will result in disciplinary action up to and including dismissal from the program.

Grounds For Dismissal

A student may be dismissed from the program for the following reasons:

1. Absenteeism greater than 1 unexcused class.
2. Receiving a “D” or “F” as a cumulative grade for the course.
3. Insubordination (in class, lab, or in clinical)
4. The conviction and/or known use of, distribution of, or possession of illegal drugs, or controlled substances.
5. Failure to accomplish clinical assignments and objectives
6. Unprofessional or unethical conduct
7. Cheating in related or professional EMS courses or in clinical documentation.

NRPM 113 Course Objectives:

Skill Scenario:	Minimum Points Required	Minimum Number of Attempts	
Comprehensive Normal Physical Assessment (Pediatric) - PPCP	136/146	2	MUST BE COMPLETED PRIOR TO CLINICAL PRACTICUM 1
Trauma Physical Assessment (adult) - PPCP	116	2	
Medical and Cardiac Physical Assessment - PPCP	130	2	
IV Therapy - PPCP	76	10	MUST BE PERFORMED IN A PATIENT SCENARIO
IV Medication Administration - PPCP	36	2	

Skill Scenario:	Minimum Points Require	Minimum Number of Attempts	
Direct Orotracheal Intubation (Adult) - PPCP	50	2	MUST BE PERFORMED IN A PATIENT SCENARIO
Direct Orotracheal Intubation (Ped) - PPCP	40	2	
Supraglottic Airway Device (Adult) - PPCP	38	6	
Needle Cricothyrotomy	34	4	
CPAP & PEEP	64	2	
Trauma Endotracheal Intubation (Adult) - PPCP	40	2	
Pleural Decompression - PPCP	30	2	
IV Piggyback Infusion - PPCP	84	2	
IO Infusion - PPCP	62	4	
IM Med Administration - PPCP	44	1	
SQ Med Administration - PPCP	44	1	
Synchronized Cardioversion - PPCP	34	4	
Defibrillation - PPCP	36	4	
TCP - PPCP	34	4	
Normal Delivery with Newborn Care - PPCP	70	2	
Abnormal Delivery with Newborn Care - PPCP	74	2	
Neonatal Resuscitation		2	

Overview of Semester 2 Class Schedule:

WEEK #	NRPM 108	NRPM 109	NRPM 111	NRPM 111L	NRPM 110	NRPM 112	NRPM 113	Total hrs/day
1	3		5					8
2		2	5		1			8
3		2	5		1			8
4		2		5	1			8
5				5			3	8
6				5			3	8
7	5						3.5	8.5
8	5						3.5	8.5
9	5				1		2.5	8.5
10	5				1		2.5	8.5
11		6			1		1.5	8.5
12		6			1		1.5	8.5
13		6			1		1.5	8.5
14					1		7.5	8.5
15					1		7.5	8.5
16							8.5	8.5
17						4	4.5	8.5
18						4	4.5	8.5
	23	24	15	15	10	8	55	150

Course Legend:	Classes will meet on Tuesdays		
	Req. Hrs:	Start Time	End Time
NRPM 108: Basic ECG Interpretation and Cardiopulmonary Emergency Care	23	900	~1400
NRPM 109: Advanced ECG Interpretation & Cardiopulmonary Emergency Care	24	900	~1500
NRPM 111: Maternal and Child Emergency Care	15	~1300	~1800
NRPM 111L: Maternal and Child Emergency Care Lab	15	~1300	~1800
NRPM 110: Medical Emergency Pre-Hospital Care	10	~1500	~1600
NRPM 112: Special Considerations in Pre-Hospital Care	8	900	1300
*NRPM 113: Simulation Lab 1	55	~1300	1830
**NRPM 114: Clinical Practicum 1	72	Based on student avail.	
	222		

**NRPM 114: Rotations based on student availability and documented proof of completion of skills in simulation listed below. 8 hrs/week over 9 weeks			
amt. lab time needed		Pts req.	# att req.
1	Comprehensive Normal Physical Assessment (Pediatric) – PPCP	136/146	2
1	Trauma Physical Assessment (adult) - PPCP	116	2
1	Medical and Cardiac Physical Assessment – PPCP	130	2
5	IV Therapy – PPCP	76	10
1	IV Medication Administration – PPCP	36	2
9			

*Must be completed prior to clinical practicum 1. MUST BE PERFORMED IN A PATIENT SCENARIO