

NRPM 200: Simulation Lab 2 Syllabus

[Semester and year]



Instructor information

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

General information

Description

This summative simulation laboratory course is meant to validate entry-level competency in the assessment of simulated patient encounters in order to formulate a field impression and implement an appropriate treatment plan for patients of varying age groups, pathologies, and complaints. *Pre-Requisites: NRPM 113*

Expectations and goals

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

- Successfully perform the following skills without critical error:
 - Supine Backboard
 - Seated Backboard
 - Joint Splinting
 - Long Bone Splinting
 - Traction Splinting
 - Hemorrhage Control
 - Intranasal medication Administration
 - 12 Lead ECG Placement
 - CPR 1 & 2 Rescuer Adult
 - CPR 1 & 2 Rescuer Children
 - CPR 1 & 2 Rescuer Infant
 - FBAO Adult
 - FBAO Infant
 - BVM ventilation Adult
 - BVM Ventilation Pediatric
- 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	Minimum Number of Instructor Evaluations
13	Supine Backboard	Peer Review Lab (practice session)	34	2	2
	Seated Backboard		36	2	2
	Joint Splinting		24	2	2
	Long Bone Splinting		26	2	2
	Traction Splinting		30	2	2
	Hemorrhage Control		24	2	2
	Trauma (team Lead)			2	2
14	Intranasal Medication Administration	Simulated Patient Encounter Lab	44	2	2
	Inhaled Medication Administration		38	2	2
	12 Lead ECG Placement		30	2	2
	Respiratory, Cardiac, & Stroke (team Lead)			• Resp = 2 • Card = 1 • Stroke = 2	• Resp = 2 • Card = 1 • Stroke = 2
15	CPR 1 & 2 Rescuer Adult	Per AHA Guidelines		2	2
	CPR 1 & 2 Rescuer Children			2	2
	CPR 1 & 2 Rescuer Infant			2	2
	FBAO adult			2	2
	FBAO infant			2	2
	OB/GYN & Delivery with Resuscitation (team Lead)			• OB/GYN = 1 • Delivery = 1	• OB/GYN = 1 • Delivery = 1

16	BVM ventilation Adult		2	2
	BVM ventilation Pediatric		2	2
	Sepsis (team Lead)		1	1

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 200 Course Objectives:

COURSE	SKILL	MINIMUM POINTS REQUIRED	MINIMUM NUMBER OF ATTEMPTS	MINIMUM NUMBER OF INSTRUCTOR EVALUATIONS	
NRPM 200	Supine Backboard	34	2	2	MUST BE PERFORMED IN A PATIENT SCENARIO
Platinum Planner = “Basic Competency SCENARIO”	Seated Backboard	36	2	2	
	Joint Splinting	24	2	2	
	Long Bone Splinting	26	2	2	
	Traction Splinting	30	2	2	
	Hemorrhage Control	24	2	2	
	Intranasal Medication Administration	44	2	2	
	Inhaled Medication Administration	38	2	2	
	12 Lead ECG Placement	30	2	2	
	CPR 1 & 2 Rescuer Adult	Per AHA Guidelines	2	2	
	CPR 1 & 2 Rescuer Children		2	2	
	CPR 1 & 2 Rescuer Infant		2	2	
	FBAO adult		2	2	
	FBAO infant		2	2	
	BVM ventilation Adult		2	2	
	BVM ventilation Pediatric		2	2	

Simulation Lab Courses: SCENARIO LAB SHEETS <i>There should be a multitude of opportunities for students to act as Team Leader and Member throughout the semester after successful completion of skill competencies. These opportunities MUST be documented in addition to the required Leads listed in this section. Please remember that * means these must be evaluated by the instructor.</i>	MINIMUM # of SUCCESSFUL TEAM LEADS	MINIMUM # OF SUCCESSFUL TEAM MEMBER ROLE (can be evaluated by a peer)
Trauma (Blunt, Penetrating, Burn, or Hemorrhage)	*2 (1 Pediatric, 1 Adult)	Each student MUST complete a total of 10 “Team Member” evaluations. There is no specification on numbers per category
Respiratory (Distress and/or Failure)	*2 (1 Pediatric, 1 Adult)	
Cardiac (Dysrhythmia and/or arrest)	*1 Adult	
Stroke	*2 (1 Adult, 1 Geriatric)	
OB/GYN	*1 Adult	
Delivery with Neonatal Resuscitation	*1 Neonate	
Sepsis	*1 Geriatric	

<u>Skill Competency to be performed and evaluated on a live patient in the clinical or performed in NRPM 200 as a laboratory scenario.</u>	Minimum Required by Program
Obtain a Patient History from an Alert and Oriented Patient	8
Direct Orotracheal Intubation - Adult	12
Direct Orotracheal Intubation - Pediatric	12
Supraglottic Airway Device - Adult	12
Needle Cricothyrotomy	2
CPAP & PEEP	2
Trauma Physical Assessment - Adult	6
Trauma Endotracheal Intubation - Adult	2
Pleural Decompression	2
Medical and Cardiac Physical Assessment	10
IV Therapy	15
IV Medication Administration	10
IO Infusion	2
IM Medication Administration	1
SQ Medication Administration	1
Synchronized Cardioversion	10
Defibrillation	10
Transcutaneous Pacing	10
Normal Delivery with Newborn Care	4
Abnormal Delivery with Newborn Care	4
Neonatal Resuscitation Beyond Routine Newborn Care	4

Overview of Semester 3 Class Schedule:

	NRPM 200	NRPM 107	NPRM 202		Total hrs			
WEEK #								
1			9	▶	9	PEPP		
2			9	▶	9	PEPP		
3			9	▶	9	PALS		
4			9	▶	9	PALS		
5			9	▶	9	ACLS		
6			9	▶	9	ACLS		
7			9	▶	9	PHTLS		
8			9	▶	9	PHTLS		
9			8	▶	8	GEMS		
10		20		▶	20	Vehicle extrication over 2.5 days = 20		
11		10		▶	10	MCI/WMD with lab		
12		10		▶	10	Specialty rescue with lab		
13	3			▶	3			
14	9			▶	9			
15	9			▶	9			
16	9			▶	9			
	30	40	80		150			

Course Legend:	Classes will meet on Tuesdays with special session time TBA		
	Req. Hrs:	Start Time	End Time
NRPM 200: Simulation Lab 2	30	900	1830
*NRPM 201: Clinical Practicum 2	205	Based on student avail.	
**NRPM 107: Rescue and Operations	40	900	1900
NRPM 202: Special Topics in Pre-Hospital Care	80	900	1830
	355		
*NRPM 201 students will complete 14hrs/week of clinical internship			
**NRPM 107 contains vehicle extrication which will require students to attend a 2.5 class session totalling. Additional Rescue/Ops classes will include extensive field trips/lab sessions that will require additional drive time, etc.			