**Lesson Plan**

**Directions:**

1. Please view the Maine EMS video on YouTube that describes applying for this specific course, **“Maine EMS 2021 Protocol Update Regarding EMT Scope of Practice Education Requests,”** for information on how to apply for this course, which can be found at this link: <https://www.youtube.com/watch?v=bOBjZj57OKI>
2. This template document is for Paramedic IC application of the specific courses noted below, under “course type” and “course name.”
3. The verbiage in *italics* is guidance regarding, either instructions for filling out the information asked for, or given as an example of the type of information asked for (Example…)
4. Replace the guidance content in the appropriate boxes with your own content, in accordance with the guidance/examples given.
5. Save as a word or PDF
6. Upload this document into your course application under the tab “documents” in the course application in eLicensing.
7. Applications submitted without a separate course outline document uploaded as above will not be accepted.
8. Direct questions regarding this form to your Regional Coordinator or Maine EMS.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Type: 2021 Maine EMS – EMT Scope of Practice Expansion** | | | | | | | | | |
| **Course Name:** *Choose one of the three options below, which is most appropriate for your course.* | | | | | | | | | |
|  | *2021 Maine EMS Scope of Practice Expansion Didactic*  *2021 Maine EMS Scope of Practice Skills Practicum*  *2021 Maine EMS Scope of Practice Didactic and Practicum* | | | | | | | | |
| **Date:** | | | | | | | | | |
| **Paramedic IC Name:** | | | | | | | | | |
| **Number of adjunct/SME instructors:** *Simply list the number of instructors you are using to deliver your course. There is no “required number.” However, recommendation is that instructor span of control should be maintained at 5.* | | | | | | | | | |
| **Audience:** *Who is this class being taught for? EMT, multiple license levels, etc.* | | | | | | | | | |
| **Teaching Time:** *How long do you think it’s going to take to teach this class? If you are teaching BOTH practical and didactic for all three skills, 4 hours is a reasonably expected* ***minimum.*** | | | | | | | | | |
| **Student Reference Material:** | | |  |  |  |  |  |  |  |
|  | **At a minimum, you need to use and reference the following in your course**   1. **2021 Maine EMS Prehospital Protocols** 2. **Your local EMS Regional, hospital and service policies/procedures which are specific to use of these EMS SOP Expansion skills** 3. **Equipment user manuals** 4. *Texts/reference books (additional standards of care, references for procedures and standards of care not referenced by the Maine EMS Protocols.* 5. *Other materials that reference specific standards of care for the procedures you are teaching, if not covered by the above materials.* | | | | | | | | |
| **Instructor Equipment/Teaching Aids:** | | | |  |  |  |  |  |  |
|  | *What equipment are you using to each this class? List the actual specific items:*   1. **Maine EMS Lab Sheets.** *The Maine EMS**Lab sheets are* ***minimum*** *standards upon which to base your lesson plans/course outlines. The standards outlined may be met and exceeded by instructors.* 2. **Maine EMS Skills Sheets are required for final sign-off on student skills competency.** 3. *PowerPoint projector/PPT presentation* 4. *Manikins and simulation equipment* 5. *Actual service patient monitoring and medication administration devices (i.e.: specific make/model cardiac monitor/defibrillator, nebulizer set, CPAP set, etc.)* 6. *All applicable Maine EMS Protocols, Regional/hospital/service standard operational procedures, etc.* | | | | | | | | |
| **Objectives:** | |  |  |  |  |  |  |  |  |
|  | *What are your learning objectives for this course? List them by type of objective as applicable:*   1. *Terminal Objective(s)- What is the goal of presenting this course?* 2. *Cognitive Objectives- What will students be able to list, identify, explain, describe, etc.?* 3. *Student Performance Objectives – What skill, task, exercise, job, etc., will the student be able to perform or demonstrate?* | | | | | | | | |
| **Lesson Plan:** | |  |  |  |  |  |  |  |  |
|  | 1. *List the topics you’re going to cover, in order.* 2. *The amount of detail (specifics of each topic) should be enough to justify the content area and hours you are asking for.* 3. *If doing both didactic and practical, note in your lesson plan which section/topic is didactic and which is practical*   *The following are EXAMPLES of expected format for writing your lesson plan/course outline. Your specific content and orders of coverage may vary with your specific courses.*  ***Didactic Module A***   1. ***CPAP***    1. *Overview*       1. *Course objectives*       2. *Topics*    2. *Respiratory anatomy & physiology review*    3. *Review of airway ventilation and respiration*       1. *Respiration vs ventilation*          1. *Positive pressure*          2. *Negative pressure*       2. *Ventilation volumes and capacities*          1. *Measurements*          2. *Peak flow*          3. *FiO2*          4. *SpO2*          5. *PaO2*       3. *PEEP*       4. *CPAP*    4. *CPAP Devices*       1. *Types*       2. *Etc.*    5. *CPAP USE*       1. *Indications*       2. *Contraindications*       3. *Patient assessment*          1. *Pre-application*          2. *Post-application*       4. *Risks of use*       5. *Coaching and best practices for application/troubleshooting equipment*    6. *Best practices for assessing treatment efficacy*    7. *All current Maine EMS protocols which are applicable to the SOP skills*    8. *OTHER TOPICS AS APPLICABLE*       1. Documentation       2. QA   ***\*\*\*\*PRACTICAL EXERCISE-Demonstration & Application\*\*\*\****   1. *The practical portion will be broken down into two separate components:*     1. *Instructor demonstration*    2. *Student practice* 2. *Instructor demonstration*    1. *The instructor will highlight and demonstrate at least two different types of CPAP equipment*       1. *High-pressure O2 (50 psi DSS connection) driven*       2. *Low-pressure, liter flow valve driven* 3. *High-pressure driven*    1. *“Brand X” CPAP device*       1. *Explain how the device works (high pressure)*       2. *Identify and explain device idiosyncrasies, PEARLS, and pitfalls of use of this type of device*       3. *Identify components*       4. *Demonstrate steps of application*          1. *Highlight best practices of application*       5. *Demonstrate techniques of troubleshooting device issues/malfunctions*          1. *Proper fit*          2. *Leaks*    2. *“Brand Y” CPAP device*       1. *Explain how the device works (LOW pressure)*       2. *Identify and explain device idiosyncrasies, PEARLS, and pitfalls of use of this type of device*       3. *Identify components*       4. *Demonstrate steps of application*          1. *Highlight best practices of application*       5. *Demonstrate techniques of troubleshooting device issues/malfunctions*          1. *Proper fit*          2. *Leaks*    3. *Techniques for patient assessment*       1. *Instructor will demonstrate techniques for assessing the patient, pre- and post-application* 4. *Instructor will go over and review all applicable Maine EMS protocols involving EMT use of CPAP, If not already done in didactic component.* 5. *OTHER TOPCIS AS APPLICABLE*   ***The above is NOT intended as a comprehensive list of topics to be incorporated – though it IS an example of some topics you should include in your course. The above is intended as an example of the format you should use in writing your course outline for this class.*** | | | | | | | | |