UNIT TERMINAL OBJECTIVE

4-3 At the completion of this unit, the EMT-Intermediate student will be able to utilize the assessment findings to formulate a field impression and implement the management plan for the patient with a burn injury.

COGNITIVE OBJECTIVES

At the completion of this unit, the EMT-Intermediate student will be able to:

4-3.1 Describe the anatomy and physiology pertinent to burn injuries. (C-1)
4-3.2 Describe the epidemiology, including incidence, morbidity/ mortality, risk factors, and prevention strategies for the patient with a burn injury. (C-1)
4-3.3 Describe the pathophysiologic complications and systemic complications of a burn injury. (C-1)
4-3.4 Identify and describe types of burn injuries, including a thermal burn, an inhalation burn, a chemical burn, an electrical burn, and a radiation exposure. (C-1)
4-3.5 Identify and describe the depth classifications of burn injuries, including a superficial burn, a partial-thickness burn, a full-thickness burn, and other depth classifications described by local protocol. (C-1)
4-3.6 Identify and describe methods for determining body surface area percentage of a burn injury including the "rules of nines," the "rules of palms," and other methods described by local protocol. (C-1)
4-3.7 Identify and describe the severity of a burn including a minor burn, a moderate burn, a severe burn, and other severity classifications described by local protocol. (C-1)
4-3.8 Differentiate criteria for determining the severity of a burn injury between a pediatric patient and an adult patient. (C-3)
4-3.9 Describe special considerations for a pediatric patient with a burn injury. (C-1)
4-3.10 Discuss considerations which impact management and prognosis of the burn injured patient. (C-1)
4-3.11 Discuss mechanisms of burn injuries. (C-1)
4-3.12 Discuss conditions associated with burn injuries, including trauma, blast injuries, airway compromise, respiratory compromise, and child abuse. (C-1)
4-3.13 Describe the management of a burn injury, including airway and ventilation, circulation, pharmacologic, non-pharmacologic, transport considerations, psychological support/ communication strategies, and other management described by local protocol. (C-1)
4-3.14 Describe the epidemiology of a thermal burn injury. (C-1)
4-3.15 Describe the specific anatomy and physiology pertinent to a thermal burn injury. (C-1)
4-3.16 Describe the pathophysiology of a thermal burn injury. (C-1)
4-3.17 Identify and describe the depth classifications of a thermal burn injury. (C-1)
4-3.18 Identify and describe the severity of a thermal burn injury. (C-1)
4-3.19 Describe considerations which impact management and prognosis of the patient with a thermal burn injury. (C-1)
4-3.20 Discuss mechanisms of burn injury and conditions associated with a thermal burn injury. (C-1)

4-3.21 Describe the management of a thermal burn injury, including airway and ventilation, circulation, pharmacologic, non-pharmacologic, transport considerations, and psychological support/ communication strategies. (C-1)
4-3.22 Describe the epidemiology of an inhalation burn injury. (C-1)
4-3.23 Describe the specific anatomy and physiology pertinent to an inhalation burn injury. (C-1)
4-3.24 Describe the pathophysiology of an inhalation burn injury. (C-1)
4-3.25 Differentiate between supraglottic and infraglottic inhalation injuries. (C-3)
4-3.26 Identify and describe the severity of an inhalation burn injury. (C-1)
4-3.27 Describe considerations which impact management and prognosis of the patient with an inhalation burn injury. (C-1)
4-3.28 Discuss mechanisms of burn injury and conditions associated with an inhalation burn injury. (C-1)
4-3.29 Describe the management of an inhalation burn injury, including airway and ventilation, circulation, pharmacologic, non-pharmacologic, transport considerations, and psychological support/ communication strategies. (C-1)
4-3.30 Describe the epidemiology of a chemical burn injury and a chemical burn injury to the eye. (C-1)
4-3.31 Describe the specific anatomy and physiology pertinent to a chemical burn injury and a chemical burn injury to the eye. (C-1)
4-3.32 Describe the pathophysiology of a chemical burn injury, including types of chemicals and their burning processes and a chemical burn injury to the eye. (C-1)
4-3.33 Identify and describe the depth classifications of a chemical burn injury. (C-1)
4-3.34 Identify and describe the severity of a chemical burn injury. (C-1)
4-3.35 Describe considerations which impact management and prognosis of the patient with a chemical burn injury and a chemical burn injury to the eye. (C-1)
4-3.36 Discuss mechanisms of burn injury and conditions associated with a chemical burn injury. (C-1)
4-3.37 Describe the management of a chemical burn injury and a chemical burn injury to the eye, including airway and ventilation, circulation, pharmacologic, non-pharmacologic, transport considerations, and psychological support/ communication strategies. (C-1)
4-3.38 Describe the epidemiology of an electrical burn injury. (C-1)
4-3.39 Describe the specific anatomy and physiology pertinent to an electrical burn injury. (C-1)
4-3.40 Describe the pathophysiology of an electrical burn injury. (C-1)
4-3.41 Identify and describe the depth classifications of an electrical burn injury. (C-1)
4-3.42 Identify and describe the severity of an electrical burn injury. (C-1)
4-3.43 Describe considerations which impact management and prognosis of the patient with an electrical burn injury. (C-1)
4-3.44 Discuss mechanisms of burn injury and conditions associated with an electrical burn injury. (C-1)
4-3.45 Describe the management of an electrical burn injury, including airway and ventilation, circulation, pharmacologic, non-pharmacologic, transport considerations, and psychological support/ communication strategies. (C-1)
4-3.46 Describe the epidemiology of a radiation exposure. (C-1)

4-3.47 Describe the specific anatomy and physiology pertinent to a radiation exposure. (C-1)
4-3.48 Describe the pathophysiology of a radiation exposure, including the types and characteristics of ionizing radiation. (C-1)
4-3.49 Identify and describe the depth classifications of a radiation exposure. (C-1)
4-3.50 Identify and describe the severity of a radiation exposure. (C-1)
4-3.51 Describe considerations which impact management and prognosis of the patient with a radiation exposure. (C-1)
4-3.52 Discuss mechanisms of burn injury associated with a radiation exposure. (C-1)
4-3.53 Describe the management of a radiation exposure, including airway and ventilation, circulation, pharmacologic, non-pharmacologic, transport considerations, and psychological support/ communication strategies. (C-1)
4-3.54 Apply the to formulate a field impression and implement the management plan for a thermal burn injury. (C-3)
4-3.55 Apply the to formulate a field impression and implement the management plan for an inhalation burn injury. (C-3)
4-3.56 Apply the to formulate a field impression and implement the management plan for a chemical burn injury. (C-3)
4-3.57 Apply the to formulate a field impression and implement the management plan for an electrical burn injury. (C-3)
4-3.58 Apply the to formulate a field impression and implement the management plan for an radiation exposure. (C-3)

AFFECTIVE OBJECTIVES
At the completion of this unit, the EMT-Intermediate student will be able to:

4-3.59 Value the changes of a patient's self-image associated with a burn injury. (A-2)
4-3.60 Value the impact of managing a burn injured patient. (A-2)
4-3.61 Advocate empathy for a burn injured patient. (A-2)
4-3.62 Value and defend the sense of urgency in burn injuries. (A-3)

PSYCHOMOTOR OBJECTIVES
At the completion of this unit, the EMT-Intermediate student will be able to:

4-3.63 Take body substance isolation procedures during assessment and management of patients with a burn injury. (P-2)
4-3.64 Perform assessment of a patient with a burn injury. (P-2)