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| **07/07/2016** | **DATE** | **Allied Health** | **DIVISION** |
| **X** | **REQUIRED COURSE** |  | **NEW COURSE** |
|  | **ELECTIVE COURSE** | **X** | **REVISION** |

**LAKE LAND COLLEGE**

**Course Information Form**

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| **COURSE NUMBER** | **EMS062** | **TITLE** | **EMS Pharmacology** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SEM CR HRS** | **2.0** | **LT HRS** | **2.0** | **LAB HRS** |  | **SOE HRS** |  | **ECH** |  |

|  |  |  |
| --- | --- | --- |
| **COURSE PCS#** |  | (Assigned by Administration) |

**Prerequisites: EMS056, EMS 057, EMS 065**

**Catalog Description** (40 Word Limit)

**This course provides the paramedic student with the knowledge and skills to integrate pathophysiological principles of pharmacology and the assessment findings to formulate a field impression and implement a pharmacologic management plan.**

List the Major Course Segments (Units) Lt Hrs Lab Hrs

EMS Pharmacology 20.0 0.0

Medication Administration 10.0 0.0

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| **EVALUATION:** | **Quizzes** | **X** | **Exams** | **X** | **Oral Pres** |  | **Papers** |  |
|  | **Lab Work** |  | **Projects** |  | **Comp Final** | **X** | **Other** |  |

**Textbook: Title: Prehospital Emergency Pharmacology**

**Author: Bledsoe/Clayden/Papa**

**Publisher: Prentice-Hall/Brady**

**Volume/Edition: 7th edition**

**Copyright Date: 2012**

**Major Course Segment Hours Learning Outcomes**

**The student will be able to:**

|  |  |  |
| --- | --- | --- |
| EMS Pharmacology | 20.0 / 0.0 | Discuss the pathophysiological principles of pharmacology and implement a pharmacologic management plan for various patient age groups. |
| Medication Administration | 10.0 / 0.0 | Demonstrate the ability to safely prepare and gain access to venous circulation.  Demonstrate the ability to calculate, prepare, and safely administer medications. |

**Course Outcomes:** Upon successful completion of the course, the student will be able to:

* Describe the components of the parasympathetic and sympathetic nervous system.
* List the sources of drugs and give examples of each.
* Demonstrate the safe administration of medications via the IM/SQ/IV and IO routes.
* List indication/contraindications of all pharmacological agents given in the prehospital setting.
* Recall doses, routes, indications, contraindications and side effects of 10 prehospital medications.