Course Title: Drug Dosage Calculations for the Paramedic
Semester Course Prefix and Number: EMPT 1235
Old Quarter Course Prefix and Number:

Number of Credits: 2  Number of Lecture Credits: 2
Semester(s) Offered: Number of Lab Credits: Number of Lab Hours:
Class Size: Number of Studio/Demonstration/Internship Credits:
Negotiated by AASC on:
(date)

Course Purpose Code:
0 – Developmental Courses
1 – Non-transferable
X 2 – Technical course related to career programs
3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)
4 – Other college course not considered a part of MNTC (e.g. computer science, health, physical education)
5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements or intended for transfer.
9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:
This course addresses the need for emergency care providers to be able to learn the areas that pose consistent challenges to both students and practicing emergency healthcare providers. The following three areas are discussed and practiced throughout the course in order to meet the needs in the field of emergency medicine administration. Mathematics and fractions review, systems of measurement and drug dosage calculations.

Prerequisites and/or recommended entry skills/knowledge:
Course Prerequisite(s): None
Reading Prerequisite: None
Composition Prerequisite: None
Mathematics Prerequisite: None

Career Programs and Transfer Majors Accessing this Course:
Emergency Medical Technician Paramedic(EMT-P)career program

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:
(Notes: No more than two goals may be met by any one course. Curriculum Committee review and the Chief Academic Officer’s approval are required.)
0. X None 6. The Humanities and Fine Arts
1. Communications 7. Human Diversity
2. Critical Thinking 8. Global Perspectives
3. Natural Sciences 9. Ethical and Civic Responsibility
5. History and the Social and Behavioral Sciences

Learning Outcomes: (including any relevant competencies listed in the Minnesota Transfer Curriculum)
Upon completion of this course, the student will be able to:

- The student will be able to calculate drug dosages with the use of common fractions, decimal fractions, ratios and proportions, percentages and fraction conversions.
- The student will review and discuss systems of measurements most likely encountered by emergency care providers in drug dose calculations.
- The student will be able to identify seven of the most common types of emergency drug dose calculations encountered in the field and in emergency situations.

**Student Assessment Methods:**

Discussions, written quizzes and exams

**Use of Instructional Technology:** (includes software, interactive video and other instructional technologies):

This class will be a Desire 2 Learn on-line course.

**Additional Special Information:** (special fees, directives on hazardous materials, etc.)

**Transfer Information:** (Please list colleges/majors that accept this course in transfer.)

**Course Outline Revision History:**

A simple, step-by-step approach focusing on explanation and understanding, organization and accuracy in drug dosage calculations for the paramedic profession.

**Approvals:**

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