

Initiative Report for Health Professions 2009-10

Maintenance and Growth of the Emergency Medical Tech Program

Summary:

To maintain and grow the Emergency Medical Tech Program, Basic and Paramedic.

Description

To continue to offer the Basic and Paramedic curricula and, through annual assessment, maintain the program by providing the students with state-of-the-art learning experiences using equipment which is currently used in clinical settings. To maintain the didactic component of the curriculum by making curriculum revisions as required by the state-approved curriculum.

Questions and Answers

How is the initiative linked to the Unit Plans most recently submitted?

- 1. How does it continue the achievement of those goals?**
- 2. If this is a continuation of an initiative started last year, make sure that relationship is clear.**

How is this initiative linked to the efficiencies and productivities plans you had last year?

- 1. How does it continue the achievement of these plans?**
- 2. If this is a continuation of an efficiency or productivity plan started last year, make sure that relationship is clear.**

This is a continuation of the initiative from last year. This is an ongoing goal of the division.

Describe the resources needed:

One laerdal Airway Management Trainer is requested through Carl Perkins funding at a cost of \$1509.00 for use in on-campus lab classes for EMT students. Insertion and maintenance of airways are skills required of graduates of the EMT Program for entry-level positions in health care facilities employing graduates.

One Nasco Code 12-Lead Arrhythmia Simulator is requested through Carl Perkins funding at a cost of \$850.00 for use in on-campus lab classes for EMT students. The obtaining and reading of 12-Lead ECG strips and the subsequent intervention protocols are skills required of graduates of the EMT Program for entry-level positions in health care facilities employing graduates.

210 Hours for Curriculum Revision to meet new standards of the state-wide consortium requiring all EMT Programs to add a new course in the second year of the Paramedic program as well as make several other curriculum modifications.

What specific measurable program outcomes do you expect to achieve with this initiative? The outcomes should be specific enough to be measurable. Also, outline the method that will be used to determine the results.

With the addition of the Laerdal Airway Management Trainer, students will be able to learn how to insert and maintain an adequate airway in an unconscious patient. Students will be checked off on these skills using written grading criteria.

With the addition of the Nasco Code 12-Lead Arrhythmia, students will be able to learn how to identify cardiac arrhythmias and how to intervene using a prescribed protocol. Students will be checked off on these skills using written grading criteria.

The outcomes which we will achieve by making the required curriculum revisions in the EMT curriculum will enable the program to maintain its accreditation status. This outcome will be evaluated by achieving re-accreditation in the next accreditation process. In addition, as the certification exams are based on the state-wide curriculum, students are more likely to pass the certification exam if they are exposed to the required curriculum in the program.

Department Priority:

2

Unit Resources:

There are no unit resources available to the equipment being requested through Carl Perkins funding.

The program faculty will make the required curriculum revisions using the curriculum development funds being requested both from Carl Perkins and Curriculum Revision funds.

Funding Request: Carl Perkins

Is this a Career & Technical Education program approved by the state and offered through Lane for credit?

Yes

If not a Career & Technical Education program, does your request provide considerable support for students enrolled in these programs?

No

Do you have an advisory committee that meets 2-3 times per year?

Yes

If request is for personnel, will funds be used to replace an existing position?

How will funding this initiative increase or sustain the academic achievement and technical skills attainment (GPA of 2.0 or better) of Career and Technical Education students?

The equipment being requesting through Carl Perkins funds is directly related to technical skills attainment of the EMT students in the areas of airway maintenance and managing arrhythmias.

The curriculum development hours being requested through both Carl Perkins and Curriculum Development will result in bringing the curriculum into alignment with the state-mandated curriculum for EMT Programs.

How will funding this initiative increase or sustain the number of CTE students that graduate or receive a one year certificate from Lane and help prepare the students for employment?

The equipment being requested through Carl Perkins funding will be used to prepare students by developing skills which are required for entry-level employment in EMT.

The curriculum development hours being requested through both Carl Perkins and Curriculum Development funds will allow the overall curriculum to be brought into alignment with the state-mandated curriculum for EMT Programs and ensure that students will be successful in the certification exams, the passing of which is required for employment.

EQUIPMENT \$

2359

COMPUTER HARDWARE \$

COMPUTER SOFTWARE \$

MATERIALS & SUPPLIES \$

CURRICULUM DEVELOPMENT (Hours)

210

PART-TIME FACULTY \$

TIMESHEET STAFF \$

TRAVEL \$

Can this initiative be partially funded?

Yes

EQUIPMENT \$

1509.00

(E) Explanation of effect of partial funding:

Either of the pieces of equipment represented in dollar amounts above could be funded. The effect of only partial funding would be that the students would not have one of the pieces of equipment necessary for the learning of skills essential to the development of entry level skills.

COMPUTER HARDWARE \$

(CH) Explanation of effect of partial funding:

COMPUTER SOFTWARE \$

(CS) Explanation of effect of partial funding:

MATERIALS & SUPPLIES \$

(MS) Explanation of effect of partial funding:

CURRICULUM DEVELOPMENT (HOURS)

210

(CD) Explanation of effect of partial funding:

The funding of only part of the 210 hours would result in only partial compliance with the updating of the state-mandated curriculum, or would result in needing to use general fund to provide release time for faculty to complete the curriculum development work.

PART-TIME FACULTY \$

(PF) Explanation of effect of partial funding:

TIMESHEET STAFF \$

(TS) Explanation of effect of partial funding:

TRAVEL \$

(T) Explanation of effect of partial funding:

Funding Request: Curriculum Development

1. List the following information

- **Course Numbers (titles if not currently offered)**
- **Instructor Name(s) who will work on the curriculum development**
- **Whether each of the courses is in, or has been through, the curriculum approval process**

Course numbers and titles not yet determined Six additional hours need to be added to the second year of the Paramedic curriculum.

Tom Brokaw is the instructor slated to do this work.

new course has not been though the curriculum approval process

There are other modifications which need to be mad in the EMT curriculum which have not been identified specifically as they were only recently identified.

2. List each course number (or title) and the materials to be created for each class

- **Instructional goals, objectives, syllabi and outlines**
- **Lab instruction packets**
- **Practice, quiz, presentation &/or demonstration materials**
- **Other (specify)**

Not available at this time.

3. List each course number (or title) and give your timeline for beginning and completing each course curriculum development.

While the number and title of the course for the second year of the EMT Paramedic program have not yet been identified the timeline for the completion of the revisions is beginning with the funding of the activity and ending with Fall term, 2009.

4. What are up to 3 departmental instructional goals that are met through the development of curriculum in each class?

These are state-mandated curriculum changes.

5. List each course number (or title) and give the value of the development of curriculum in each course to other faculty members.

The value of these curriculum development activities is to maintain the accreditation status of the EMT program. There is no specific value to faculty not teaching in the EMT program, except as the maintenance of programmatic integrity enhances the Health Professions Division.

6. List each course number (or title) and say how many students will be served by the development of curriculum in each class.

There are 24 students admitted to the EMT Paramedic program annually.

7. List each course number (or title) and give the specific benefits to students that you expect from the development of curriculum in each class.

Students will be benefited by participating in a program which will prepare them for certification exam and entry level employment in accordance with the requirements of the state-mandated program.

8. List each course number (or title) and give the specific benefits for diversity that you expect from the development of curriculum in each class.

Students are admitted to the EMT program without consideration of race, religion, country of origin, age, or gender identity in accordance with College policy.

9. List each course number (or title) and give the specific benefits to sustainability that you expect from the development of curriculum in each class.

Without the updating of the curriculum required by the state-mandated curriculum the program will ultimately be unable to meet the requirements for re-accreditation, making the program unsustainable.

10. List each course number (or title) and give the specific effects on distributed learning that you expect from the development of curriculum in each class.

Cannot address.

Hours requested for Curriculum Development funding:

Please enter the amount of one of the following:

- **100 hours maximum for new development.**
- **70 hours maximum for course revision**
- **50 hours for 3-4 credit conversion**
- **other (use if multiple courses addressed in one initiative**

Do not enter any characters other than numbers and a decimal.

How many hours are you requesting? If there are multiple courses addressed in the initiative, please list each course number (or title) and give the number of hours requested for each course.

210

Can this initiative be partially funded?

No

Partially funded curriculum development HOURS requested:

Explanation of effect of partial funding:

Funding Request: Technology Fee