

NEW PROGRAM PROPOSAL FORM

Sponsoring Institution(s): _____Jefferson College_- Hillsboro MO____

Program Title: Respiratory Therapy Program

Degree/Certificate: Associate of Applied Science

Options: Not Applicable

Delivery Site(s): Hillsboro Campus

CIP Classification: ___51.0908_____ (Please provide a CIP code)

Implementation Date: January 2012

Cooperative Partners: NONE

Expected Date of First Graduation: August 2013

AUTHORIZATION

Name/Title of Institutional Officer:

Elizabeth Check Dean of Career and Technical Education

Signature

Date

Norma Cooper RRT. BHS. Program Director

Signature

Date

Person to Contact for More Information Norma Cooper Telephone: 636-797-3000 ext 456

Section 10.2

- 1. Specific format for new program complete proposal (Please see attached form NP)
- 2. Need

A. Student Demand

- I. Jefferson College is seeking accreditation from CoARC for 24 students per year these will be full time only students, no part time students will be admitted. (Please see attached form SE)

STUDENT ENROLLMENT PROJECTIONS

Year	1	2	3	4	5
Full Time	24	48	48	48	48
Part Time	0	0	0	0	0
Total	24	48	48	48	48

- II. Enrollment will be capped unless CoARC the accrediting body allows a request for an increase in enrollment. This will be based on market demand and College resource.

- B. Market Demand: (please see attached print outs) Personnel have not retired or are working more hours for personal financial reasons due to the economy. These persons will be retiring as soon as the economic issues resolve. They will need to be replaced. Market trends indicate most employers will preferentially hire Registry

eligible therapists. New graduates are expected to make \$17.25/Hr. or more as a Respiratory Care Practitioner.

C. Societal needs: Please note the 12.3%- 28% estimated increase (depending on region) in the Respiratory workforce demand with the new health care laws, an aging population, and more patients being sent home with worsening diseases than ever before, more of our patients are requiring better trained professional staff.

Employment of respiratory therapists is expected to grow much faster than the average for all occupations. The increasing demand will come from substantial growth in the middle-aged and elderly population—a development that will heighten the incidence of cardiopulmonary disease. Growth in demand also will result from the expanding role of respiratory therapists in case management, disease prevention, emergency care, and the early detection of pulmonary disorders. Older Americans suffer most from respiratory ailments and cardiopulmonary diseases, such as pneumonia, chronic bronchitis, emphysema, and heart disease. As the number of elderly people increases, the need for respiratory therapists is expected to increase as well. In addition, advances in inhalable medications and in the treatment of lung transplant patients, heart attack and accident victims, and premature infants—many of whom depend on a ventilator during part of their treatment—will increase the demand for the services of respiratory care practitioners.

D. This respiratory program has been initiated to provide growth, a career ladder, good wages, and secure employment for the population served by this community college. There are a number of hospitals and home care companies requiring multiple modalities of experience that are available for students to fill the employment need.

3. Duplication and Collaboration: Within St. Louis county that adjoins Jefferson county there are 3 programs, 2 are proprietary for profit and one public non-profit the Jefferson college program is needed to serve the public closer to the region that students

live in, and the hospitals served in the drawing area. Those are the closest programs to our region.

4. Program Structure (Please see form PS attached)

Total credits required for graduation are minimum of 86.

A. The program follows all rules already in place for residency requirements of the college. Exceptions are students must be able to read and comprehend English in order to communicate verbally and in writing with patients, doctors, and other healthcare providers.

B. Please see attached list of curriculum, sequences, course descriptions, and syllabi.

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D. There are no courses allowing for free electives within this curriculum.

E. The NBRC review course is a capstone course including a summation exit exam that must be passed before conference of a diploma.

F. We are a stand alone program with no other schools participating in this degree. All core classes must be completed in-house. Transfer of prerequisites will be determined according to college policies only.

5. Please see attachment form FP for financial information.

6. Please see attached form PG.

7. Accreditation: We are seeking accreditation with respiratory's educational governing body called Commission on Accreditation for Respiratory Care(CoARC). We are in the Letter of Review portion of our accreditation.

8. Institutional characteristics: Our institution values the faculty and students of Jefferson College. We feel we are appropriately equipped to provide comprehensive education in the field of respiratory care due to the resources presented within these documents. We feel the region served by this entity has a need for this program to serve the community at large.

PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

Institution Name: Jefferson College- Hillsboro MO

Program Name: Respiratory Therapy Program

Date: 3-16-2011

Student Preparation

Any special admissions procedures or student qualifications required for this program which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.

1. **This program combines the study of college-level general education courses and extensive course work in science and Respiratory Therapy theory and practice. Course work is designed to prepare Graduates for careers as Registered Respiratory Therapist.**
2. **Acceptance into the program is competitive; the Admission Committee evaluates applicants. After completion of an application package student will be interviewed by the acceptance committee for RT which will include the Program Director.**
3. **All applicants must have completed high school level biology and chemistry with laboratory sessions, or college-level General Biology (BIO101) and college-level Introduction to Chemistry (CHM101) with a grade of "C" or better.**
4. **All Program students are required to achieve a "C" or better in all course work to advance and complete the program. All students are required to submit application for a background check and drug testing.**
5. **Formal Application to program and student success planning guide filled out completely.**
6. **Transcripts must be official, which means that they must be sent from the schools directly to Jefferson College**
7. **Applications for the RC program will be rated on a point system, with points based on: Grades earned in prerequisite courses: algebra, biology, chemistry, Medical Terminology, etc. (higher grades earn more points), HESI-A2 test scores of at least 75% overall and 80% in sciences.**
8. **Proof of all pre-requisites completion upon submission of application packet BLS for healthcare providers completed in past 30 days prior to submission packet, Negative drug test, Background check, Physical/Vaccinations, 4 hours - job shadowing and /or written**

paper, Grades of **C** or better on the pre-requisites courses with a **2.5 GPA** overall and in sciences courses.

- Characteristics of a specific population to be served. **None**

Faculty Characteristics

- Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate. **All Jefferson College normal general faculty requirements will be maintained.**
 - 1. The Respiratory Therapy Program Director must hold a valid Registry of Respiratory Therapy Credential, Maintain the state licensure requirement, must have earned a baccalaureate degree from an accredited institution, and must have at least 4 years experience as an RRT with 2 years as clinical experience, and 2 years teaching in an accredited program or as an appointed faculty clinical preceptor.**
 - 2. The Respiratory Therapy Director of Clinical Education must hold a valid Registry of Respiratory Therapy Credential, Maintain the state licensure requirement, must have earned a baccalaureate degree from an accredited institution, and must have at least 4 years experience as an RRT with 2 years as clinical experience, and 2 years teaching in an accredited program or as an appointed faculty clinical preceptor.**
 - 3. Other classroom teaching loads may be filled by adjunct pursuant to needs.**
- Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term "full time faculty" (and not FTE) in your descriptions here.
 - 1. Program Director will be expected to carry a workload of 1 class per year of teaching.**
 - 2. Director of Clinical Education will be expected to carry at least a 50% faculty workload of 15 Credit hours of classes per year of teaching.**

- Expectations for professional activities, special student contact, teaching/learning innovation.

Program Director is responsible for all aspects of programs success and accreditation, filing all reports with the appropriate state agency and accreditation organizations.

The Director of Clinical Education must

- 1. maintain regular and consistent contact with clinical faculty and students.**
- 2. be available at appropriate times to advise students;**

3. **Ensure evaluations for classroom, clinical and clinical sites are completed**
4. **Maintain records of student completion of clinical and laboratory skills**
5. **Maintaining immunization and CPR records of Students**
6. **Coordinating ACLS and PALS accreditation of students and maintain record keeping associated with these activities.**
7. **Handle clinical and classroom problems according to chain of command.**

Enrollment Projections

- Students FTE majoring in program by the end of five years. **48 FTE per year**
- Percent of full time and part time enrollment by the end of five years.
100% FTE -no part time due to the course sequencing and requirements for courses.

Student and Program Outcomes

- Number of graduates per annum at three and five years after implementation. **20**
- Special skills specific to the program. **Respiratory Therapist graduates will receive an A.A.S. degree and be eligible to sit for the N.B.R.C. test. Afterwards they will be able to perform in the clinical setting according to the national standards set forth by the accrediting body.**
- Proportion of students who will achieve licensing, certification, or registration. Estimate **85%** will pass the certification test and **50% of that 85%** will pass the registry test.
- Performance on national and/or local assessments, e.g., **85% of students expected to score above passing first time on NBRC national test for CRTT**
- Placement rates in related field. **80%**
- Transfer rates, continuous study, military. **20%**

Program Accreditation

- Institutional plans for accreditation, if applicable, including accrediting agency and timeline.
Applying for accreditation with CoARC. Anticipate receiving approval November 2011 and admitting students January 2012.

Alumni and Employer Survey

- Expected satisfaction rates for alumni, including timing and method of surveys. **The program conducts semester and exit survey questionnaires on current students and will conduct annual surveys of alumni to ascertain programs**

effectiveness of preparation for working in the field with a 80% score as our goal.

- Expected satisfaction rates for employers, including timing and method of surveys. **The program will conduct survey questionnaires of any know employers of programs alumni beginning 1 year after graduation and then annually with an expected satisfaction of 80%.**

PROGRAM STRUCTURE

A. Total credits required for graduation: 86

B. Residency requirements, if any: Respiratory Core courses must be completed in residency.

C. General education: Total credits: 32

Communications:	English 101	3cr.
	SPD105(H) or ENG102 _ Oral Communication	3cr.
	BIT 122 Medical Terminology	3cr.
Science:	BIO 211 Anatomy and Physiology I	4cr.
	BIO 212 Anatomy and Physiology II	4cr.
	BIO113 Microbiology for the Health Sciences	4cr.
Human Development:	PSY 101(H)_ General Psychology	3cr.
History/Political Science:	PSC 102(H) or HST103 _US & MO Governments & Constitutions /or U.S. History I	3cr.
Mathematics:	MTH 128 Intermediate Algebra	3cr.
Institutional requirements:	CIS 122 Basic Computer Skills	1cr.
	COL 101 Intro to College: Strategies for Success	1cr.
D. Major requirements:	Total credits: 54	
	RCP 100 Introduction to Respiratory Care	4 cr.
	RCP 110 Cardiopulmonary Anatomy and Physiology	4cr.
	RCP 120 Respiratory Equipment and Noncritical Floor Care	3cr.
	RCP 125 Respiratory Care Skills Lab I	3cr.

RCP 130 Cardiopulmonary Pharmacology	3cr.
RCP 140 Respiratory Care Clinical I	2cr.
RCP 150 Cardiopulmonary Pathophysiology	3cr.
RCP 155 Airways	1cr.
RCP 145 Respiratory Care Skills LAB II	2cr.
RCP 160 Arterial Blood Gases	2cr.
RCP 170 Respiratory Care Clinical II	2cr.
RCP 210 Introduction to Mechanical Ventilation	2cr.
RCP 225 Respiratory Care Skills LAB III	4cr.
RCP 200 Respiratory Care Specialties	3cr.
RCP 240 Respiratory Care Clinical III	3cr.
RCP 250 Advanced Mechanical Ventilation	1cr.
RCP245 Respiratory Care Skills LAB IV	4cr.
RCP 260 Neonatal and Pediatric Respiratory Care	3cr.
RCP 265 Respiratory Care Skills LAB V	1cr.
RCP 270 Respiratory Care Clinical IV	3cr.
RCP 290 N.B.R.C. Review	1cr.

E. Free elective credits: NONE beyond required courses

F. Requirements for thesis, internship or other capstone experience: **RCP290 is a capstone course which includes: an exit exam, all students must pass exit exam to receive a degree conferment.**

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