


KENT STATE
UNIVERSITY
ASHTABULA

Interdepartmental Correspondence

TO: Greg Andrews, Interim Executive Dean for Regional Campuses
FROM: Carol Drennen, Senior Program Director, Nursing & Allied Health
DATE: December 2, 2008
RE: AAS in Respiratory Therapy Technology Revisions

Attached are the documents to revise an Associate of Applied Science in Respiratory Therapy Technology curriculum requirement. The proposed change is to replace BSCI 20020 (Biological Structure and Function) with BSCI 11010 and BSCI 11020 (Anatomy and Physiology for Allied Health I and II).

The proposed changes is supported by the Biology Department and approved by the Dean of the Ashtabula campus. The proposal will be presented to the College Curriculum Committee for EHHS on December 12, 2008. I request that the proposal be forwarded to the Educational Policies Council for consideration and action at their January meeting.

*The FAC of
Speech Path & Aud
voted approval
of this change
on 12/08/08.
Janice E. Hannon
School Director*

Proposal Summary

Title

Revision to biology course requirement for the Associate of Applied Science in Respiratory Therapy Technology (AAS RRT)

Subject Specifications

The purpose of this proposal is to revise the biology requirement for the AAS in Respiratory Therapy Technology to ensure alignment with other allied health programs at Kent State University.

Background Information

The Associate of Applied Science in Respiratory Therapy Technology is a new program that has been approved by the Educational Policies Council (EPC) and the Ohio Board of Regents. At the time of approval, BSCI 20020 (Biological Structure and Function) was written in the curriculum as a required biology course. Since that time, BSCI 11010 and BSCI 11020 (Anatomy and Physiology for Allied Health I and II) have been developed and were approved by EPC for allied health majors. The proposal is to replace the BSCI 20020 requirement with BSCI 11010 and BSCI 11020. This revision will maintain consistency with the requirements for all other allied health programs at Kent State University.

The proposed change will be effective beginning with the fall 2009 semester when the AAS in Respiratory Therapy Technology will be first offered. As a new program, no curriculum information has been distributed to students to date. Program brochures and other informational materials will reflect the change when developed. This revision will increase the enrollment in BSCI 11010 and 11020. These courses are already offered for other allied health majors at the Ashtabula campus and there is faculty available to teach the additional students. There is no anticipated fiscal impact to this change.

Alternatives and Consequences

Failure to make approve this proposal would create a barrier to any student who wishes to change majors within the allied health field. As students often take their science requirements prior to entering an allied health program, this revision will allow students the flexibility to explore possible allied health options prior to program entry.

Specific Recommendation and Justification

The Associate of Applied Science in Respiratory Therapy Technology curriculum should be revised to replace BSCI 20020 (Biological Structure and Function) with BSCI 11010 and BSCI 11020 (Anatomy and Physiology for Allied Health I and II). This revision will maintain consistency with the requirements for all other allied health programs at Kent State University.

Timetable and Actions Required

Approval by Regional Campus Deans: December 2008

Approval by Biology Department: December 2008

Approval by EHHS: December 12, 2008

Approval by EPC: January 2009

Effective Date: Fall 2009

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

Preparation Date 2-Dec-08 Curriculum Bulletin _____
Effective Date Fall 2009 Approved by EPC _____

Department Speech Pathology and Audiology
College RC - Regional Campuses
Degree AAS - Associate of Applied Science
Program Name **Respiratory Therapy Technology** Program Code **RTT**
Concentration(s) Concentration(s) Code(s)
Proposal Revise Program Requirement

Description of proposal:

Change course requirement for BSCI 20020 (Biological Structure and Function) to BSCI 11010 and BSCI 11020 (Anatomy and Physiology for Allied Health I and II).

Does proposed revision change program's total credit hours? Yes No

Current total credit hours: 63 Proposed total credit hours 64

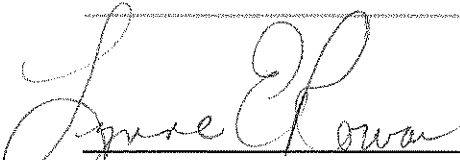
Describe impact on other programs, policies or procedures (e.g., encroachment and duplication issues; enrollment and staffing considerations; need; audience; prerequisites; teacher education licensure):

The requirement for BSCI 11010 and BSCI 11020 is consistent with the requirement for other allied health degrees offered at Kent State University.

Units consulted (other departments, programs or campuses affected by this proposal):

Consulted with Biology Department at the Ashtabula campus. BSCI 11010 and BSCI 11020 covers similar content as BSCI 20020.

REQUIRED ENDORSEMENTS

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Department Chair / School Director / Campus Dean

12 / 8 / 09
12 / 03 / 08

College Dean

_ / _ / _

Executive Dean of Regional Campuses / Dean of Graduate Studies

_ / _ / _

Senior Vice President for Academic Affairs and Provost

_ / _ / _

PSYC	11762	General Psychology	3
US	10097	First Year Experience FLASH Point	1
TOTAL			70-71

A.A.S. in Respiratory Therapy Technology*

***Pending Approval by the Ohio Board of Regents**

The Associate of Applied Science in Respiratory Therapy Technology is offered at the Ashtabula Campus. With successful completion of the program, graduates are eligible to sit for the registry examination to become a Registered Respiratory Therapist. Respiratory therapists work as members of a team of healthcare professionals working in a wide range of clinical settings to evaluate, treat and manage patients of all ages with respiratory illnesses and other cardiopulmonary disorders. Students interested in the program should apply directly to the Ashtabula Campus and meet with the program director.

I. Technical Courses		34	
RTT	11000	Introduction to Respiratory Therapy	3
	11001	Pharmacology	3
	11002	Cardiopulmonary Diseases	3
	11003	Cardiopulmonary Physiology	3
	11004	ABG/EKG Interpretation	2
	11005	Mechanical Ventilation	2
	12001	Clinical Education I	1
	12002	Clinical Education II	2
	21000	Critical Care	3
	21001	Neonatal and Pediatric Respiratory Care	3
	21002	Long Term Care and Rehabilitation	3
	21010	Contemporary Issues in Respiratory Therapy	1
	21011	CRT/RRT Preparation	1
	22001	Clinical Education III	2
	22002	Clinical Education IV	2
II. Related Courses		15	
BSCI	* 20020	Biological Structure and Function	3
	* 20021	Microbiology	3
	* 20022	Microbiology Laboratory	1
CHEM*	10050	Fundamentals of Chemistry	3
PHY	* 12111	Physics for Health Technologies	3
III. General Studies		14	
COMM	* 15000	Introduction to Human Communication	3
ENG	* 11011	College Writing I	3
MATH*	11009	Modeling Algebra	4
PSYC*	11762	General Psychology	3
US	* 10097	First Year Experience FLASH Point	1
TOTAL			63

* Course can be taken prior to program admission.

A.A.S. in Systems/Industrial Engineering Technology

The Associate of Applied Science in Systems/Industrial Engineering Technology provides students with knowledge and skills in the areas of analysis and measurement in a variety of industries. Students receive hands-on experience with the equipment used in machine tool operations, testing and analysis and computer-aided design. This major is available at the Trumbull and Tuscarawas campuses. Systems engineering also is available as an individualized program option under mechanical engineering technology at the Ashtabula Campus. Not all courses are available at all campuses, nor are all courses regularly scheduled.

I. TECHNICAL COURSES		37	
EERT	22014	Microprocessors and Robotics	4
IERT	22000	Statistical Process Control	4
	22006	Economic Decision Analysis	3
	22010	Computer Integrated Manufacturing	3
MERT	12000	Engineering Drawing	3
	12001	Computer-Aided Drafting	4
	12004	Manufacturing Processes	3
	22009	Robotics and Flexible Automation	3
Choose 10 hours from the following:			10
COMT	21008	Computer Methods in Science and Engineering (3)	
EERT	22004	Digital Systems (3)	
IERT	12005	Applications in CAD (2)	
	22001	Motion and Time Study (3)	
	22003	Supervision and Labor Relations (5)	
	22004	Facilities Engineering (2)	
	22005	Production and Inventory Control (2)	
	22008	Taguchi Process Improvement (3)	
II. RELATED COURSES		19	
EERT	22003	Technical Computing	3
MATH*	11011	College Algebra	4
	11012	Intuitive Calculus	3
	11022	Trigonometry	2
PHY	12201	Technical Physics I	3
	12202	Technical Physics II	4
III. GENERAL STUDIES COURSES		14	
COMM	15000	Introduction to Human Communication	3
ENG	11011	College Writing I	3
	20002	Introduction to Technical Writing	3
Social Sciences or Humanities electives			4
from the LER courses.			
US	10097	First Year Experience FLASH Point	1
TOTAL			70

*Tuscarawas students must take MATH 11011, 11022, 19002 (10 hours) or MATH 12001, 12002 (9 hours) due to ABET accredita-

Program Requirement Sheet
 Associate of Applied Science Degree
RESPIRATORY THERAPY TECHNOLOGY
2008-2009

Student Name: _____
 Campus: _____

DEVELOPMENTAL PRESCRIPTION COURSES

Determined by Basic Skills Assessment (Check Required Courses)

Dept	Course No	Title	Cr Hrs	Sem/Yr Comp
ENG	11001	Intro. to College Writing S (3)	3	_____
ENG	11002	College Writing I - Stretch (3)	3	_____
MATH	10031	Fundamentals of Math I	3	_____
MATH	10032	Fundamentals of Math II	3	_____
MATH	10033	Fundamentals of Math III	3	_____
MATH	10034	Fundamentals of Math IV	3	_____
MATH	10035	Fundamentals of Math V	3	_____
MATH	10036	Fundamentals of Math VI	3	_____
US	10003	Reading Strategies for College Success	3	_____
US	10006	Study Strategies for College Success	3	_____

RELATED COURSES*

Dept	Course Number	Title	Credit Hours	Sem/Yr Completed
BSCI	18218	Advanced Health II	3	_____
BSCI	18219	Advanced Health I	3	_____
BSCI	20021	Microbiology	3	_____
BSCI	20022	Microbiology Lab	1	_____
CHEM	10050	Fundamentals of Chemistry	3	_____
PHY	12111	Physics for Health Technologies	3	_____
Total Related Course Hours			15	_____

TECHNICAL COURSES

Dept	Course Number	Title	Credit Hours	Sem/Yr Completed	Grd (0-4)	Qty. Point
RTT	10000	Introduction to Respiratory Therapy	3	_____	_____	_____
RTT	11001	Pharmacology	3	_____	_____	_____
RTT	11002	Cardiopulmonary Disease	3	_____	_____	_____
RTT	11003	Cardiopulmonary Physiology	3	_____	_____	_____
RTT	11004	ABG/EKG Interpretation	2	_____	_____	_____
RTT	11005	Mechanical Ventilation	2	_____	_____	_____
RTT	12001	Clinical Education I	1	_____	_____	_____
RTT	12002	Clinical Education II	2	_____	_____	_____
RTT	21000	Critical Care	3	_____	_____	_____
RTT	21001	Neonatal and Pediatric Respiratory Care	3	_____	_____	_____
RTT	21002	Long Term Care and Rehabilitation	3	_____	_____	_____
RTT	21010	Contemporary Issues in RT	1	_____	_____	_____
RTT	21011	Preparation for CRT/RT	1	_____	_____	_____
RTT	22001	Clinical Education III	2	_____	_____	_____
RTT	22002	Clinical Education IV	2	_____	_____	_____
Total Technical Course Hours			34	_____	_____	_____

GENERAL STUDIES COURSES*

Course	Number	Title	Credit Hours	Sem/Yr Completed
COMM	15000	Introduction to Human Communication	3	_____
ENG	11011	College Writing I	3	_____
MATH	11009	Modeling Algebra	4	_____
PSYC	11762	General Psychology	3	_____
US	10097	First Year Experience FLASH Point	1	_____
Total General Studies Course Hours			14	_____

TOTAL REQUIREMENTS

63

Student Signature _____ Date _____
 Advisor Signature _____ Date _____

Notes
 Core GPA = Technical Quality Points / Technical Credit Hours
 *Courses may be taken prior to program admission.

KAPS Coding
RESPIRATORY THERAPY TECHNOLOGY
2008-2009

Course Requirement	Global Substitution NO SUB FORM REQUIRED	Substitution by Exception SUB FORM REQUIRED
<u>General Studies</u>		
US 10097 •Waive – transfer 25 or more semester hours •Waive for other reason	X	X