

Earl E. Edgar
Vice President, Academic

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TO : Full-Service Faculty, Administrators, and Student Government
FROM: Virginia Phillips, Secretary of the Senate
RE : SENATE MEETING
February 4, 1977, Schwebel Auditorium
4:00 p.m.

January 26, 1977

AGENDA

1. Call to Order
2. Approval of Minutes of previous meetings, January 7 and January 21, 1977
3. Report of the Charter and Bylaws Committee
4. Report of the Executive Committee
5. Report of the Elections and Balloting Committee
6. Report of other Senate Committees
 - Academic Affairs Committee
 - A.A.S. Degree in Respiratory Therapy Technology (Attached)
7. Unfinished Business
8. New Business
9. Adjournment

RECEIVED
JAN 31 1977
DR. EARL E. EDGAR
VICE PRESIDENT
FOR ACADEMIC AFFAIRS

INTER-OFFICE CORRESPONDENCE

TO Virginia Phillips, Secretary of the Senate

DATE January 24, 1977

FROM L. Khawaja, Academic Affairs Committee

SUBJECT A.A.S. Degree in Respiratory Therapy Technology

The Academic Affairs Committee recommends Senate approval of the proposed A.A.S. Degree in Respiratory Therapy Technology.

IK/mh

ASSOCIATE IN APPLIED SCIENCE PROGRAM IN RESPIRATORY THERAPY TECHNOLOGY

The Allied Health Department of Youngstown State University proposes to offer a two-year program in Respiratory Therapy Technology. The information supplied is a condensed version of a proposal being prepared for the Ohio Board of Regents and the Joint Review Committee for Respiratory Therapy Education. The program will go into effect the Fall Quarter of the 1977-78 academic year.

I. THE PROPOSAL

It is proposed that an associate program leading to the degree Associate in Applied Science be established in

RESPIRATORY THERAPY TECHNOLOGY

Similar programs are offered by The University of Akron, University of Cincinnati, Columbus Technical Institute, Cuyahoga Community College, Lakeland Community College and Sinclair Community College. Ohio State University offers a baccalaureate program in Respiratory Therapy.

II. THE PROPOSED CURRICULUM

The proposed program meets university requirements and the Ohio Board of Regents standards for associate programs. Standards set by the Joint Review Committee for Respiratory Therapy Education responsible for accrediting such programs are also satisfied. The program has the objective of preparing registered therapists who, under physician's direction/orders, will administer oxygen, other gases and medication, and operate equipment for patients with respiratory diseases in: public or private hospitals, or in private corporations or research laboratories. Twelve new courses are required to be approved.

III. PROGRAM ADMINISTRATION

The proposed program will be administered by the Allied Health Department of the College of Applied Science and Technology which is responsible for technical education programs in the health related areas. This same administrative structure is employed in other schools offering this program.

IV. PROGRAM JUSTIFICATION

Justification is based on the need to respond to 1) community needs for such a program as expressed by area hospital administrators and personnel, through an advisory committee, and surveys conducted by the Mahoning and Shenango Area Health Education Network (the response was overwhelmingly positive) 2) the high level of interest expressed by students in high school through school counselors by means of a survey conducted and tabulated by them 3) the high level of interest expressed by students from the YSU student body and students of other universities through the large number of inquiries received weekly by the Allied Health Department (the only similar such college programs in a radius of 60 miles are in Akron and Cleveland) 4) further evidence of need (several pressures are working to increase the demand for registered therapists), among them are:

APPROVED BY C.A.S.T. ACADEMIC AFFAIRS COMMITTEE

Ray J. Fisher

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Respiratory Therapy Technology Program
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A. On-the-job training no longer provides entry to Respiratory Therapy so the supply of personnel by this means will gradually disappear.

B. Respiratory Therapy is now subject to the stringent Standards of the Joint Commissioners Accreditation of Hospitals which call for high professional standards for all personnel, careful documentation and record-keeping, and vastly improved in-service training.

C. A technological explosion has led to a tremendous increase in sophisticated equipment, techniques, and services.

D. As a greater part of our population live into old age, and federal and state standards become more explicit, it appears inevitable that Respiratory Therapy will be required in extended-care facilities and nursing homes.

E. Group medical practice in private clinics is growing, and the traditional nurse-receptionist is being complemented by allied health personnel, including skilled Respiratory Therapists and Technicians.

F. As recently as five years ago, even a large hospital felt well-staffed if they had one registered or certified person with a staff of 5 to 10 assistants. Today at least one registry-eligible therapist is minimal for even a medium-sized hospital, and staffs of 15 to 30 are common. The above-mentioned trends indicate this expansion will continue into the future.

V. PROSPECTIVE ENROLLMENT

A survey of 86 local high schools, 50 responding, reported a potential of 60 or more students for the Fall Quarter. A similar survey conducted among hospital personnel indicated an additional 31 people interested in enrolling in a program at YSU. Six area hospitals have indicated a desire to affiliate and provide the necessary clinical training for students in the program. Clinical instruction as determined by the Accrediting Association for Respiratory Therapists requires that there be one instructor for every five students and thus it is anticipated that enrollment will be limited to 20 or 25 students each Fall Quarter.

VI. REQUIRED RESOURCES

The necessary resources for implementation of the new program already exist. The didactic phase will take place in the new CAST Building and the clinical, in each of the affiliated hospitals. A registered Respiratory Therapist is in the process of being hired and will join the Allied Health faculty soon. The registered clinical personnel already in the employ of each hospital will conduct the clinical courses. It will require that twelve new courses be approved for this program.

VII. SUMMARY AND CLASSIFICATION OF CURRICULUM

The proposed Respiratory Therapy Technology curriculum is summarized on the following pages. A breakdown of the curriculum showing the classification of each course is also given.

The curriculum is designed to:

- 1) satisfy and exceed the minimum essential requirements of the Joint Review Committee for Respiratory Therapy Education (JRCRTE).
- 2) conform to the associate degree program requirements of the Youngstown State University and the Ohio Board of Regents.

Respiratory Therapy Curriculum

FIRST YEAR			Clock Hours			Credit Hrs.			Total Credit Hrs.
			<u>Lec</u>	<u>Lab</u>	<u>Clinic</u>	<u>Basic</u>	<u>Non Tech</u>	<u>Tech</u>	
Fall Quarter									
Biol	551	Physiology and Anatomy of Man I	3	2		4			4
Chem	502	Survey of Chemistry II	3	3		4			4
RT	501	Introduction to Respiratory Therapy	3					3	3
Biol	560	Paramedical Microbiology	3	3		5			5
			<u>12</u>	<u>8</u>		<u>13</u>		<u>3</u>	<u>16</u>
Winter Quarter									
MA	610	Patient Care for Paramedical Sciences	3	3				4	4
Engl	550	Basic Composition I	4				4		4
Biol	552	Physiology and Anatomy of Man II	3	2		4			4
Chem	503	Survey of Chemistry III	3	3		4			4
			<u>13</u>	<u>8</u>		<u>8</u>	<u>4</u>	<u>4</u>	<u>16</u>
Spring Quarter									
Phys	501	Fundamentals of Physics	4			4			4
MA	605	Introduction to Pharmacology	4					4	4
RT	502	Introduction to Respiratory Equipment	1		15hrs/wk			4	4
Engl	551	Basic Composition II	4				4		4
			<u>13</u>		<u>15</u>	<u>4</u>	<u>4</u>	<u>8</u>	<u>16</u>
Summer Quarter									
Psych	501	Introduction to Psychology	3				3		3
RT	503	Respiratory Procedures I	3	3				4	4
RT	504	Clinical Practice I			30hrs/wk			6	6
			<u>6</u>	<u>3</u>	<u>30</u>		<u>3</u>	<u>10</u>	<u>13</u>

SECOND YEAR		<u>Lec</u>	<u>Lab</u>	<u>Clock Hours Clinic</u>	<u>Basic</u>	<u>Credit Hrs. Non Tech</u>	<u>Credit Hrs. Tech</u>	<u>Total Credit Hrs.</u>	
Fall Quarter									
RT	601	Respiratory Procedures II	3	3			4	4	
RT	602	Clinical Practice II					4	4	
RT	603	Pathology for Respiratory Therapy	3	3			4	4	
		Elective	2			5		5	
		H&PE 590	3	6			12	17	
			<u>11</u>						
Winter Quarter									
RT	604	Respiratory Procedures III	3	3			4	4	
RT	605	Clinical Practice III					5	5	
Soc	500	Fundamentals of Sociology	4			4		4	
RT	606	Pulmonary Function and Blood Gas Analysis	4				3	3	
			<u>11</u>	<u>3</u>		<u>4</u>	<u>12</u>	<u>16</u>	
Spring Quarter									
MA	502	Law and Ethics	4				4	4	
BET	740	Records Systems - Theory and Practices	3		3			3	
RT	608	Clinical Specialities	4				4	4	
RT	607	Clinical Practice IV					5	5	
			<u>11</u>		<u>3</u>		<u>13</u>	<u>16</u>	
GRAND TOTAL			76	28	1150	28	20	62	111

Clinic equivalent: 1 credit hour = 5 clinic hrs.

Prerequisites: High School Chemistry
High School Biology
High School Physics
Algebra I and
Algebra II or Geometry