

IDAHO STATE UNIVERSITY COLLEGE OF TECHNOLOGY

PROGRAM TITLE: RESPIRATORY THERAPY

Information included in this handout may change at any time without notice and should not be considered as a binding contract between Idaho State University and students.

Program Options & Length:

Respiratory Therapy, Associate of Science Degree

7 Semesters

Immediately upon deciding this major, please contact the Student Services office of the College of Technology at 208-282-2622

Upon successful completion of the Respiratory Therapy program, graduates are eligible to take the National Board for Respiratory Care (NBRC) entry-level examination to become certified respiratory therapists (CRT). They would then be eligible, and are encouraged, to complete the NBRC advanced-level examination to become registered respiratory therapists (RRT).

For more information, contact:

Idaho State University
College of Technology
Student Services Office
921 S 8th Ave., Stop 8380
Pocatello, ID 83209-8380
208-282-2622
e-mail: ctech@isu.edu
www.isu.edu/ctech/

TUITION AND FEES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTIFICATION

Fees apply to current Idaho State University fee schedule located at <http://www.isu.edu/finserv/costinfo.shtml>.

Fees include **mandatory** student health insurance. Any student with existing health insurance coverage may be exempt. Waivers are available at <http://www.isu.edu/stuhlth/insurance/>.

Former College of Technology students who have been out of school one semester or more must complete the necessary forms in the Student Services office before returning to the program.

Re-entering students must meet requirements as outlined in the catalog effective at the date of their re-enrollment.

Students may choose any subsequent catalog to meet graduation requirements as long as they have continuous enrollment.

Affirmative Action and Equal Employment Opportunity at ISU

Idaho State University subscribes to the principles and laws of the State of Idaho and the federal government, including applicable executive orders pertaining to civil rights. All rights, privileges, and activities of the University are made available without regard to race, creed, color, sex, age, disability, national origin or veteran status. The University is an Equal Opportunity and Affirmative Action employer. Evidence of practices that are not consistent with such a policy should be reported to: Kathleen Roberts, J.D., Affirmative Action Director, Administration Building, Room 318D, Stop 8315, robekath@isu.edu, 208-282-3964.

Idaho State University is committed to equal opportunity in education for all students, including those with documented disabilities. If you have a diagnosed disability or if you believe that you have a disability that might require reasonable accommodations, please contact: Dennis J. Toney, ADA Disabilities and Resource Center Director, Gravelly Hall, Room 123, Stop 8121, tonedenn@isu.edu, 208-282-3599.

NOTE: Licensure, certification, and/or employment applications related to some degree programs require students to disclose any history of criminal prosecution which may include the student's driving record. Students who have a criminal history are strongly encouraged to contact the licensing agency or meet with the coordinator of the program they are interested in, prior to beginning classes, to discuss potential impediments to licensure, certification, or employment.

ADMISSION REQUIREMENTS FOR RESPIRATORY THERAPY

Following is a list of requirements that need to be fulfilled and submitted to the Student Services office at the College of Technology by **February 15, 2010**.

Applicant must be a high school graduate or have completed General Educational Development (GED) tests.

1. Submit completed application for admission to ISU College of Technology.
2.
 - a. Submit all official college or university transcripts (minimum GPA 2.5). If student has 12 or more college or university academic credits, those will be used to calculate GPA instead of high school grades.
 - b. Submit an official high school transcript or GED scores (minimum GPA 2.5).
3. Job Shadowing - Complete a minimum of 12 hours of job shadowing in a respiratory therapy setting. (Please use form contained in application.)
4. The following prerequisite courses, or equivalents, must be completed with a grade of "C" or better

BIOL 101, 101L	Biology I	4 cr
BIOL 221, 221L	Introduction to Microbiology, and Lab*	4 cr
BIOL 301, 301L	Anatomy and Physiology, and Lab*	4 cr
OR		
BIOL 302, 302L	Anatomy and Physiology, and Lab*	4 cr
(Both BIOL 301 and 302 must be completed to graduate. However, only one must be completed prior to admission to the program.)		
CHEM 101	Introduction to General Chemistry	3 cr
OR		
CHEM 111	General Chemistry I	5 cr
COMM 101	Principles of Speech	3 cr
ENGL 101	English Composition	3 cr
HO 105	Introduction to Allied Health Careers	2 cr
OR		
HCA 110	Introduction to the Allied Health Professions	2 cr
HO 106	Medical Terminology	2 cr
OR		
HCA 210	Medical Terminology and Communication	2 cr
HO 107	Medical Law and Ethics	3 cr
OR		
HCA 375	Health Law and Bioethics	3 cr
HO 208	Introduction to Pathology	3 cr
OR		
BIOL 305	Introduction to Pathobiology	3 cr
HO 209	Principles of Drugs and Their Uses	3 cr
OR		
PSCI 315	Pharmacology for Nursing	4 cr
MATH 108	Intermediate Algebra	3 cr
	or sufficient ACT/Compass score	
PSYC 101	Introduction to General Psychology**	3 cr
OR		
SOC 101	Introduction to Sociology**	3 cr
OR		
SOC 102	Social Problems**	3 cr

*Collectively, these Biology courses satisfy Goals 4 and 5.

**Any one of these courses satisfies Goal 12.

5. Respiratory Therapy students must maintain a GPA of 2.0 or better, and complete all Biology, Health and Respiratory Therapy courses with a "C" or better to remain in the program.

When ALL requirements have been fulfilled, the information will be compiled and evaluated to determine the applicant's qualifications to be accepted into the program. The student is responsible for ensuring all materials have been submitted by the deadline indicated above. Acceptance is on a first come, first served basis.

6. Semester program for full-time students. Part-time program also available. Immediately upon deciding this major, please contact the Student Services office in the College of Technology at 208-282-2622.

After acceptance in the program:

7. Immunizations are required and must be current on an annual basis.
8. A physical examination will be required (documents will be distributed at orientation).
9. A background check will be required prior to doing clinical practice. Program Coordinator will give instructions and deadlines in a timely manner before the semester when clinical practices are taken.
10. Submit proof of current Healthcare Provider Basic Life Support (BLS) certification. You must remain current throughout the program. Accepted students may complete BLS certification during the first semester of the program

ALTERNATE COURSES FOR THE RESPIRATORY THERAPY PROGRAM

Course Title	Idaho State University	ISU College of Technology Equivalents	College of Southern Idaho Equivalents	Eastern Idaho Technical College Equivalents
Intro to Allied Health	HCA 110	HO 105	ALLH 202	HCT 100
Medical Terminology	HE/HCA 210	HO 106	ALLH 101	HCT 101
Medical Law & Ethics	HCA 375 (Health Law & Bioethics - 3 credits)	HO 107 (3 credits)	ALLH 105 (Bioethics for Health Prof - 2 credits)	HCT 109 (Medical Ethics - 2 credits)
Intro to Pathobiology	BIOL 305 (Prereq: 301/302)	HO 208 - Offered via Web	None	None
Drugs and Their Uses	PSCI 315 (Pharmacology for Nurses - 4 credits - requires departmental approval)	HO 209 - Offered via Web (3 credits)	MEDA 109 (Pharmacology - 2 credits)	MAS 101 (Pharmacology for Medical Prof - 2 credits) OR NRS 107 (Intro to Pharm - 3 credits)
Anatomy and Physiology	BIOL 301/302	None	BIOL 227/228	BIO 227/228
Microbiology	BIOL 221/223	None	BIOL 250	BIO 250/250L

Respiratory Therapy students must maintain a GPA of 2.0 or better, and complete all Biology, Health, and Respiratory Therapy courses with a "C" or better in each course to remain in the program.

**FOR DETAILED INFORMATION ON GENERAL EDUCATION CLASSES,
PLEASE REFER TO THE ISU UNDERGRADUATE CATALOG OR CLASS SCHEDULE.**

IDAHO STATE UNIVERSITY COLLEGE OF TECHNOLOGY

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RECOMMENDED COURSE SEQUENCE

FIRST FALL SEMESTER

ENGL 101	English Composition	3 credits
MATH 108	Intermediate Algebra	3 credits
BIOL 101/101L	Biology I and Lab	4 credits
HCA 110*	Intro to Allied Health Professions	2 credits
HCA 210*	Medical Terminology & Communication	2 credits
Goal 12	Psychology 101 is preferred	3 credits
TOTAL		17 credits

FIRST SPRING SEMESTER

COMM 101	Principles of Speech (Goal 2)	3 credits
CHEM 101	Essentials of Chemistry I	3 credits
OR CHEM 111	General Chemistry I	(5 credits)
HCA 375* or equivalent	Health Law & Bioethics	3 credits
PSCI 315* (Prereq BIOL 301/302)	Pharmacology for Nurses	4 credits
BIOL 302/302L*	Anatomy and Physiology & Lab	4 credits
TOTAL		17 credits

FIRST SUMMER SESSION

BIOL 221/221L*	Intro to Microbiology & Lab	4 credits
BIOL 305* or equivalent (Prereq BIOL 301/302)	Introduction to Pathobiology	3 credits
TOTAL		7 credits

*See page 2 for other course substitutions.

SECOND FALL SEMESTER

ENGL 102	Critical Reading & Writing (Goal 1)	3 credits
MATH 253	Introduction to Statistics	3 credits
BIOL 301/301L*	Anatomy and Physiology & Lab	4 credits
RESP 200	Introduction to Respiratory Care & Lab	4 credits
RESP 211	Pharmacotherapy for the Respiratory Therapist	2 credits
TOTAL		16 credits

SECOND SPRING SEMESTER

RESP 214	Introduction to Pulmonary Disease	4 credits
RESP 301	Mechanical Ventilators	4 credits
RESP 320	Clinical Practice of Therapeutic Procedures I	5 credits
Goals 6, 7, 8	Humanities Goal	3 credits
TOTAL		16 credits

SECOND SUMMER SESSION

RESP 231	Patient Assessment I	2 credits
RESP 325	Clinical Practice of Therapeutic Procedures II	3 credits
TOTAL		5 credits

THIRD FALL SEMESTER

RESP 232	Patient Assessment II	2 credits
RESP 280	Case Management I	2 credits
RESP 330	Clinical Practice of Therapeutic Procedures III	5 credits
Goals 6, 7, 8	Humanities Goal	3 credits
TOTAL		12 credits

THIRD SPRING SEMESTER

RESP 310	Case Management II	2 credits
RESP 335	Clinical Practice of Therapeutic Procedures IV	5 credits
Goals 9, 10A or 10B, 11	History & Languages Goal	6 credits (Choose two goals for a minimum of 6 credits, unless one is Goal 10B which requires 8 for a total of 11 credits.)
TOTAL		13 credits

*See page 2 for other course substitutions.

IDAHO STATE UNIVERSITY COLLEGE OF TECHNOLOGY
RESPIRATORY THERAPY PROGRAM
RESPIRATORY CARE PRACTITIONER SHADOW TOUR

Student Responsibilities and Instructions

In 1995, Paris and Mason defined *job shadowing* as: "...a work experience option where students learn about a job by walking through the work day as a shadow to a competent worker. The job shadowing work experience is a temporary, unpaid exposure to the workplace in an occupational area of interest to the student. Students witness firsthand the work environment, employability and occupational skill in practice, the value of professional training and potential career options."

Job shadowing a Respiratory Therapist is designed to give prospective students for the Respiratory Therapy Program a look at the world of Respiratory Therapy in the hospital setting and to answer the question, "What does a Respiratory Therapist do?" Prospective Respiratory Therapy students will "shadow" a Therapist as they go through a normal day on the job. The student will get to see firsthand the skills utilized by a Respiratory Therapist.

To arrange a job shadowing with a Respiratory Therapist, contact the hospital's Respiratory Therapy Department to arrange the shadowing event. It should be arranged for a minimum of 12 hours of shadowing (it doesn't have to take place all in one day, the shadowing could take place 4 hours for 3 days, if necessary). Shadowing for less than 4 hours at a time may not allow enough time to adequately see what a Therapist does. Arrange the date(s) and times(s) you and the Respiratory Therapy Department can do the shadowing. Bring a notebook with you and take plenty of notes.

When you come for the shadowing experience, dress in modest clothing (no jeans or T-shirts) and wear comfortable, clean shoes. Do not wear heavy cologne or perfume because a lot of the patients Respiratory Therapists treat have trouble breathing around them. If you smoke, please refrain from smoking during your shadowing time. Be well groomed with any facial hair neatly trimmed and make-up should be kept to a minimum. Remember, the hospital where you shadow may be where you want to get a job after graduation. First impressions sometimes can be either negative or positive.

After the shadowing experience is over, have the Therapist fill out and sign the "Shadow Tour" form. Then bring it or mail it back to Student Services in the College of Technology on the Pocatello campus. It will be placed in your student file. Any patients, patient records and/or emergency situations that you have seen cannot be talked about outside of the hospital. You may talk about the procedures, not anything about the patients themselves. All patient information must be held in strictest confidence. If you have any other questions concerning the shadowing experience, please call the Respiratory Therapy Program at Idaho State University at 208-282-3653.

Therapist Responsibilities and Instructions

The student that will be shadowing you is contemplating a career in the field of Respiratory Therapy. They are following you to gain a perspective as to the duties and the skills that a Respiratory Therapist uses on a daily basis in the hospital setting. Do not allow them to perform any patient therapy or care, no matter how insignificant it may seem. They will be taking notes and asking questions about what you are doing, so please answer their questions the best you can. They should be dressed modestly, with no heavy perfume and should not smoke during the time they are there. If the student is dressed inappropriately or the student acts improperly for the hospital setting, you may dismiss them from the hospital or may warn them and send them away if the behavior is repeated the second time. Please document this behavior and send the explanation to the Respiratory Therapy Program.

Thank you in advance for allowing a future Respiratory Therapist to see the professionalism that a Respiratory Therapist has and the skills that are necessary for a competent Respiratory Therapist to exhibit. I know your time is valuable and you are very busy, but the time that you have taken may help someone to select a promising career in the field of Respiratory Therapy.

IDAHO STATE UNIVERSITY COLLEGE OF TECHNOLOGY
RESPIRATORY THERAPY PROGRAM
RESPIRATORY CARE PRACTITIONER SHADOW TOUR

Prospective Student's Name: _____ SS#: _____

This is a sample of what we would like the prospective student to see while on the tour. Not all aspects of respiratory care are listed below. Your institution may be able to show more, but we would like the prospective student to at least see what is listed at a minimum. Please place a checkmark beside each item completed. If you have any problems or questions, you may call the Respiratory Therapy Program at 208-282-3653. Thank you for your continuing help in the promotion of our field. This form should be given back to the student in a sealed envelope for return to Student Services at the ISU College of Technology, or it may be faxed to the number listed on the second page.

Experience must have been obtained within the last ten (10) years

_____ AARC *Life and Breath* Video Watched (www.aarc.org/career/#life)

_____ Meet Department Manager or Supervisor

_____ Tour Department and Hospital

_____ Adult ICU _____ NICU/PICU

_____ Observe ABG _____ Observe Vent Check

_____ Observe Suctioning _____ Observe Med Neb Rx

_____ See PFT Lab _____ See an ETT or Trach

Any additional area(s) of observation?

Did the student show up on time? _____ If not, did he/she give a reason?

Did the student appear to have effective verbal communication skills? _____ Yes _____ No. If not, please explain. _____

Did the student appear to be motivated/goal directed about the field of respiratory care and the tour? _____ Yes
 _____ No If not, please explain. _____

Any comments or concerns about the student? (This is strictly confidential and will *only* be seen by key program faculty.) _____

Dates student job shadowed: ____/____/____ To ____/____/____. Total hours: _____

Student's Signature

Date

Student's Name Printed

Hospital Name

Therapist's Signature

Hospital Address

Please complete this form and return it to the applicant, or you may send or fax it to the office listed below. (Please copy if you need more forms.)

Idaho State University
College of Technology
Student Services Office
921 S 8th Ave, Stop 8380
Pocatello, ID 83209-8380
Phone: 208-282-2622
Fax: 208-282-5195

*These hours must be completed and the form received in Student Services by the application deadline of **February 15, 2010.***

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PROGRAM TITLE: RESPIRATORY THERAPY

BOOK AND TOOL LIST

Textbooks may be purchased at the University Bookstore located at the Pond Student Union - Building #14. Textbooks may also be purchased or reserved on-line through www.efollett.com or the bookstore's website at www.isu.edu/bookstor.. Payments may be made with cash, check, VISA, Mastercard, American Express, or Discover. A shipping charge will be added for mail orders. See the bookstore's website for more information on purchasing or reserving books or for refund policy information. Save Your Receipts!

NOTE: PRICES ARE SUBJECT TO CHANGE AT ANYTIME WITHOUT PRIOR NOTIFICATION

**Approximate total book and tool costs for this program's options are listed below.
Additional book costs will vary depending on the courses taken to fulfill
general education requirements for the AAS degree.
For a breakdown of books by individual class requirements, you must check your course curriculum.**

I. BOOKS LISTED BY COURSE

DESCRIPTION	APPROXIMATE PRICE	
RESP 200 INTRODUCTION TO RESPIRATORY CARE & LAB		
ESSEN OF RESPIRATORY CARE, 4 th Ed. (2005), by Kacmarek	9780323027007	83.00
CLINICAL PRACTITIONER'S POCKET GDE TO RESPIRATORY CARE, 7 th Ed. (2008), by Oakes	9780932887313	26.00
BASIC CLINICAL LAB COMP FOR RESPIRATORY CARE, 4 th Ed. (2003), by White	9780766825321	119.00
EQUIPMENT THEORY FOR RESPIRATORY CARE (WKBK) 4 th Ed. (2005), by White	9781401852245	51.00
EQUIPMENT THEORY FOR RESPIRATORY CARE, 4 th Ed. (2005), by White	9781401852238	148.00
EGAN'S FUND OF RESPIRATORY CARE, 9 th Ed. (2009), by Wilkins	9780323036573	109.00
RESP 211 PHARMACOTHERAPY FOR THE RESPIRATORY THERAPIST		
INTEGRATED CARDIOPULMONARY PHARMACOLOGY, 2 nd Ed. (2008), by Colbert	9780132285414	69.00
RESP 280 CASE MANAGEMENT I		
COMPREHENSIVE PERINATAL & PEDIATRIC RESPIRATORY CARE	0-7668-1373-8	102.00
APPROXIMATE TOTAL BOOKS		\$707.00

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TUITION AND FEES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTIFICATION. ANTICIPATE ADDITIONAL EXPENSES ASSOCIATED WITH THIS PROGRAM: **TEXTBOOKS ASSOCIATED WITH ACADEMIC COURSES**, TRANSPORTATION, PARKING, CHILD CARE, AND HOUSING. YOU MUST CHECK YOUR CLASS SCHEDULE TO DETERMINE TEXTBOOKS REQUIRED BY INSTRUCTOR.