

Program Outcome

The outcome of the program is to prepare students as competent Respiratory Care Practitioners for employment in the field as respiratory care professionals providing cognitive, psychomotor, and affective qualities to meet community needs.

Employment possibilities include:

Respiratory Therapist

Respiratory Therapy Specialist

Respiratory Care Practitioner

Program Admission:

Allied Health A010 course – application and orientation.

The student must complete Associate of Science Degree requirements and the program prerequisites prior to acceptance to the program.

All courses must be completed with grade of "C" or better.

Prerequisites:

Health Occupations	ALH	A010	(.5)
Anatomy-Physiology	BIOL	A221	(4)

Required Courses

Course			Units
FALL			
Medical Terminology	ALH	A111	(3)
Patient Care	ALH	A115	(2.5)
Basic Microbiology	BIOL	A114	(2)
Introductory Chemistry	CHEM	A110	(5)
Resp Anatomy & Physiology	RSPC	A185	(3)
SPRING			
Human Diseases	ALH	A120	(2)
Applied Pharmacology	ALH	A130	(2)
Basic Resp Care Equip	RSPC	A190	(3)
Clinical Lab 1	RSPC	A191	(1.5)
Respiratory Pharmacology	RSPC	A195	(1)
Home Care & Rehabilitation	RSPC	A255	(1)
Interpersonal Communication	CMST	A100	(3)
(Or)			
Public Speaking	CMST	A110	(3)
SUMMER			
Clinical Lab 2	RSPC	A192	(1)
FALL			
Arterial Blood Gases, Theory & Prac	RSPC	A260	(2.5)
Pulmonary Pathology	RSPC	A265	(3)
Ventilators & Resp Mgmt	RSPC	A270	(2)
Resp Care Procedures	RSPC	A275	(3)
Clinical Lab 3	RSPC	A276	(4)
Physician Series 1	RSPC	A279	(.5)
INTERSESSION			
Pulmonary Case Assessment	RSPC	A278	(1)

SPRING

Polysomnography Basics	PSG	A100	(1)
Critical Care Monitoring	RSPC	A280	(1)
Pulmonary Func Testing	RSPC	A285	(2)
Clinical Lab 4	RSPC	A286	(3)
Clinical Internship	RSPC	A287	(2)
Neonatal Intensive Care	RSPC	A290	(2)
Respiratory Care Board Review	RSPC	A296	(1)

Total: (62.5)

All prerequisite and required courses must be completed with grade of "C" or better.

Fully accredited Respiratory Therapist Program by the Commission on Accreditation of Allied Health Education Programs.

State License: Legally Certified Respiratory Care Practitioner by Respiratory Care Board of California.

National Credential: CRT, RRT, CRTT, CPFT, by the National Board for Respiratory Care (NBRC)

Program requires successful completion of a comprehensive national exam for graduation.

Full-time and part-time program options available.

SPA MANAGEMENT

—See *Hospitality, Travel & Tourism*



Associate in Science Degree

The Speech-Language Pathology Assistant program will provide the community with professionally trained personnel to assist the speech pathologist in this specialized field and to provide services in multiple settings to a diverse population in the administration of therapeutic and screening services.

State of California Department of Consumer Affairs, Speech-Language Pathology and Audiology Board approved for licensure.

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Program Outcome

Graduates of the program will be competent Speech-Language Pathology Assistants meeting the employment needs of the community and participating in professional growth activities.

Employment possibilities include:

Private Offices

Hospitals

Educational Institutes

Rehabilitation Centers

ASSOCIATE IN SCIENCE DEGREE PROGRAM

In addition to completion of the prerequisite and required courses below, this program requires completion of the Associate in Science General Education as listed in the catalog.

All courses must be completed with grade of "C" or better.

Prerequisites:

Health Occupations	ALH	A010	(.5)
Intro to Anatomy/Physiology	BIOL	A221	(4)
Child Growth & Development	HMDV	A180	(3)

Subtotal: (7.5)

Required Courses

Course			Units
FALL			
Patient Care	ALH	A115	(2.5)
Medical Terminology	ALH	A111	(3)
Intro to Linguistics	ANTH	A190	(3)
Intro Speech Pathology Asst	SLPA	A100	(2)
Speech/Language/Hearing Dev	SLPA	A115	(3)
Speech-Language Admin Proced	SLPA	A120	(2)
SPRING			
Prin/Prac of Tchng Yng Chldrn	EC	A155	(3)
Early Childhood Laboratory	EC	A156	(2)
Observe/Record Behavior	EC	A165	(2)
Intro to Commun Disorders	SLPA	A140	(3)
Intro to Phonetics	SLPA	A150	(3)
Clinical Experience 1	SLPA	A160	(.5)
FALL			
Screen/Therapeutic Process	SLPA	A180	(3)
Clinical Experience 2	SLPA	A190	(2)
SPRING			
Human Diseases	ALH	A120	(2)
The Exceptional Child	HMDV	A210	(3)
Adult/Geriatric Disorders	SLPA	A200	(2)
Clinical Experience 3	SLPA	A250	(4)
Total:			(52.5)

TRAVEL AND TOURISM

—See *Hospitality, Travel & Tourism*

WELDING TECHNOLOGY

Welding Technology is the application of the art and science of joining metals. Welding technologists have important roles in the fabrication and construction of nuclear and fossil fuel power plants, heavy equipment, agricultural machinery, petro-chemical plants, bridges, buildings, floating and underwater vessels, automobiles, appliances, and projects for national security. Specifically anything involving metals, from miniature electronic devices to sophisticated space projects, will require the skills of the expert welding technologist. These highly skilled members of the technological team apply practical working knowledge of welding processes, welding metallurgy and welding code standards in solving problems of welding design and production. The field is open to men and women. The OCC Welding Department is licensed to qualify (certify) welders to code standards.

Program Outcome

Students successfully completing the Orange Coast College welding program will have the necessary skills training for proficiency in taking a welding qualification test for certification which may be required for employment. Working craftsmen will be able to improve or develop additional proficiencies required for professional growth or advancement in their current employment. All qualification training and tests are prescribed and follow the guide of the American National Standard Institute (ANSI) codes requirements.

WELDING TECHNOLOGY

The Certificate of Achievement program in Welding Technology is for those who desire advanced knowledge of welding for employment as welding technicians, welding inspectors, welding engineers, welding supervisors, and advanced welders. Students also completing the required general education requirements and electives may earn the Associate in Science degree. In addition, many OCC welding courses are transferable and can be used by those students who are interested in the welding engineering degree program at Ohio State University. Whatever the case, a person's chances for the job of their choice are much higher when they have the technical background as evidenced by earning our Certificate of Achievement in welding.

CERTIFICATE OF ACHIEVEMENT

Required Courses

Course			Units
FALL			
Technical Report Writing (Or)	ENGL	A105	(3)
Freshman Composition	ENGL	A100	
Arc & Oxy Welding (Or)	WELD	A100	(3-4)
Arc & Oxy Welding (4)	WELD	A101	
Math & Fabrication Layout For Welders	WELD	A120	(3)