

Health Science Certificates

About the Programs

Programs in Health Science are designed to provide students with education and training in a variety of professions existing in health care today. Programs available at C.O.D. include opportunities to pursue careers in areas of Certified Nursing Assistant, Phlebotomy/EKG, Non-Invasive EKG, Pharmacy Technician, Medical Assistant, and Clinical Lab Science.

Program web site: www.cod.edu/hsd/

Health Sciences Admissions

The majority of Health Sciences programs require either a separate admissions process (in addition to the standard college application form) and/or the completion of specific prerequisites before acceptance into a program. The Health Sciences Admissions office is located in the Student Resource Center (SRC), Room 2046. For more information, check out the Health Sciences Admissions web site at: www.cod.edu/hsadmissions/

Certified Nursing Assistant Certificate

Total Required Credits: 6

Code: 4158

About the Program

Certified Nursing Assistants (CNAs) are entry-level providers of direct patient care in today's health care environment, including long-term care, hospitals, home health agencies, rehabilitation and hospice. Routine care and treatment are administered by the nursing assistant under the direct supervision of a nurse.

Nurse aide training is completed in one term of instruction that is comprised of lecture, lab and clinical. Both day and evening classes are offered.

The Certified Nursing Assistant program meets the guidelines set by federal and state government. Successful completion of this approved program qualifies the individual to sit for the state competency evaluation and to be entered on the Illinois Department of Public Health Nurse Aide Registry.

Certificate Requirements

Hlths 1105 Nurse Assistant.....	6
Total.....	6

Program Notes

1. Enrollment in the Certified Nursing Assistant program (Hlths 1105, Nurse Assistant) is on a first-come, first-served basis. Space is limited.
2. Submission of a completed College of DuPage application and placement in category 1 on the Reading

Test and 4 on the Pre-Course Written Essay, or the equivalent as stated in the admissions packet are required to register. Admission packets for Hlths 1105 can be obtained at the Health and Science Center, the Health Admissions Office in SRC 2046 or online.

3. Completion of a physical examination, two-step TB skin test, blood titers and drug test are required in order to obtain a permit to register. A criminal background check is required by the state of Illinois.
4. The CNA program (Hlths 1105) consists of 108 hours of theory and practice and 50 hours of clinical experience at a health care facility. The program is 11 weeks in duration in spring and fall and 8 weeks in the summer.
5. Classes are offered in the day and evening.
6. All CNA coursework is conducted on-campus in Glen Ellyn or on-site in health care facilities within Community College District 502.
7. Certification as a CNA is a requirement for admission to the C.O.D. Associate's Degree Nursing (ADN) program and Practical Nurse (PN) program. Certification requires successful completion of an approved nursing assistant program, Hlths 1105 or equivalent, and passing of both the manual skills test and the written competency tests administered by Southern Illinois University.

Adviser

If you are considering this program as an area of study, consult with a faculty adviser in this field:

	Location	Phone
Barbara Matthay, R.N., B.S. CNA program director E-mail: matthay@cod.edu	HS 2207 M	(630) 942-2737

Phlebotomy/EKG Certificate

Total Required Credits: 12

Code: 4162

About the Program

Phlebotomy is defined as the process of drawing blood for laboratory testing. The results of these laboratory tests help physicians evaluate, diagnose and monitor medical treatment. Phlebotomists are presently employed in a variety of patient-care settings, including hospitals, clinics, physician offices and laboratories. Electrocardiography (EKG) provides the physician with information about the electrical activity in the heart. There are four courses required to complete the Phlebotomy/EKG Certificate program. Hlths 1110, *Biomedical Terminology*, provides students with a good foundation of the language of medicine. Hlths 1122, *Basic Phlebotomy*, provides students with theory and instruction for all basic phlebotomy procedures. Hlths 1126, *Basic Non-Invasive Electrocardiography* (EKG), is a highly specialized and technical tool for assessing cardiac function. Hlths 1124 includes 120 hours of clinical instruction in phlebotomy.

(continued on next page)

Health Sciences

Certificates

(continued from page 1)

Day and evening classes are available for Hlths 1110, 1122 and 1126 with HLTHS 1124 the clinical component available during the day. Hlths 1110 is a prerequisite to the Phlebotomy/EKG program.

Open enrollment is available for Hlths 1110, 1122 and 1126. The Phlebotomy/EKG program meets all required standard guidelines and entitles students who complete the program to sit for the national exam to become a certified phlebotomist.

Certificate Requirements

Hlths 1110	Biomedical Terminology*	4
Hlths 1122	Basic Phlebotomy Techniques	4
Hlths 1124	Phlebotomy Clinical	2
Hlths 1126	Basic Non-Invasive Electrocardiography (EKG)	2
Total		12

*Prerequisite

Program Notes

- Hlths 1110 provides a foundation of the language of medicine.
- Hlths 1122 is the phlebotomy lecture and lab, while Hlths 1124 is the phlebotomy component that allows for clinical experience and is provided at various health care facilities.
- Hlths 1126 is basic electrocardiography lecture and lab.
- Limited spaces are available for Hlths 1122 and 1126, so students are encouraged to register as soon as possible.
- Hlths 1124, *Phlebotomy Clinical*, requires completion of 120 hours of blood drawing at various clinical sites.
- Clinical Requirements including the following:
 - Health requirements: medical history, physical, and proof of immunity for rubella, rubeola, varicella, mumps and Hepatitis B. If not immune, immunizations are required. Also required is a two-step TB test and a drug screen.
 - Medical malpractice insurance is included in the tuition of HLTHS 1124 and 2250. Students must be registered and listed on the instructor's course roster for malpractice insurance.
 - Criminal background checks
 - CPR certification for health care providers
 - Personal health insurance
 - Transportation: Students are responsible for providing their own transportation to and from the clinical site.

Advisers

If you are considering this program as an area of study, consult with a faculty adviser in this field:

	Location	Phone
Nancy Feulner, M.S.Ed., B.S., M.T. (ASCP), Health Science Program Director E-mail: feulner@cod.edu	HS 2207 J	(630) 942-2124

Non-Invasive Electrocardiography

Total Required Credits: 10

Code: 4163

About the Program

This certificate program prepares students to work in cardiology, performing non-invasive electrocardiographic tests, including EKGs, Holter Monitor and Treadmill Stress Testing. There are four courses required to complete the Non-Invasive EKG Certificate program. Hlths 1110, *Biomedical Terminology* is a prerequisite to the program, Open enrollment is available for Hlths 1110, 1126 and 1128. The Non-Invasive EKG program meets all required guidelines and entitles students who complete the program to sit for the national exam to become a certified cardiographic technician.

Certificate Requirements

Hlths 1110	Biomedical Terminology*	4
Hlths 1126	Basic Non-Invasive Electrocardiography (EKG)	2
Hlths 1128	Advanced Non-Invasive Electrocardiography (EKG)	3
Hlths 1129	Non-Invasive Electrocardiography Clinical	1
Total		10

*Prerequisite

Program Notes

- Hlths 1110 provides a foundation of the language of medicine.
- Hlths 1126 is basic electrocardiography, lecture and lab including electrophysiology of the heart, blood pressure measurement, target heart rates and 12 lead EKGs.
- Hlths 1128 is advanced electrocardiography, including cardiac disease, cardiac meds, cardiac rehabilitation, holter monitoring and stress testing.
- Limited spaces are available for Hlths 1126 and 1128, so students are encouraged to register as soon as possible.
- Hlths 1129, *Non-Invasive EKG Clinical*, is the clinical component of the program offered at various facilities during the day only.

(continued on next page)

Health Sciences

Certificates

(continued from page 2)

- 6.** Clinical Requirements including the following:
- a.** Health requirements: medical history, physical, and proof of immunity for rubella, rubeola, varicella, mumps and Hepatitis B. If not immune, immunizations are required. Also required is a two-step TB test and a drug screen.
 - b.** Medical malpractice insurance is included in the tuition of HLTHS 1124 and 2250. Students must be registered and listed on the instructor's course roster for malpractice insurance.
 - c.** Criminal background checks
 - d.** CPR certification for health care providers
 - e.** Personal health insurance
 - f.** Transportation: Students are responsible for providing their own transportation to and from the clinical site.

Adviser

If you are considering this program as an area of study, consult with a faculty adviser in this field:

	Location	Phone
Nancy Feulner, M.S.Ed., B.S., M.T. (ASCP), Health Science Program Coordinator E-mail: feulner@cod.edu	HS 2207 J	(630) 942-2124

Pharmacy Technician Certificate

Total Required Credits: 5

Code: 4164

About the Program

This certificate program includes pharmacy abbreviation, calculations, drug classes, basic physiology, disease states and prescription processing. Students also receive hands-on compounding experience and instruction for preparation of the Pharmacy Technician Certification Board (PTCB) national exam.

Certificate Requirements

Hlths 1115 Pharmacy Technician	5
Total.....	5

Advisers

If you are considering this program as an area of study, consult with a faculty adviser in this field:

	Location	Phone
Nancy Feulner, M.S.Ed., B.S., M.T. (ASCP), Health Science Program Director E-mail: feulner@cod.edu	HS 2207 J	(630) 942-2124
Priti Shah, MRXI Corporation E-mail: shahpr@cod.edu	M 163	(630) 541-3600