

# PHLEBOTOMY TECHNICIAN

## Phlebotomy Technician Certificate Associate of Applied Science in Allied Health



*Quality training in modern and realistic GOCC laboratories prepares each graduate.*

**Glen Oaks**  
**Community College**  
**62249 Shimmel Rd**  
**Centreville, MI 49032**  
**(269) 467-9945**  
**or 1-888-994-7818**  
***www.glenoaks.edu***

### **The Phlebotomy Technician**

The laboratory depends on the phlebotomy technician to collect quality samples from the patient to produce excellent laboratory results. To do this, the phlebotomy technician must create an atmosphere of trust and confidence with patients in a skillful, safe and reliable manner. The student will learn how to accurately collect and process blood samples by mastering both phlebotomy and capillary blood collection techniques. Quality control issues of the clinical laboratory will be stressed along with OSHA standards of infection control. This certificate meets the criteria of the American Society for Clinical Pathology (ASCP) as an acceptable program of study for those who wish to sit for the Phlebotomy Technician (PBT) exam.

**24/28 Credits**

***The above certificate applies toward:***  
**The Associate of Applied Science in Allied Health Degree** for those seeking increased responsibilities, supervisory roles and health care office management in physician offices, health care clinics, hospital based clinics, hospitals and small health care businesses.

**62+ Credits**

## **The OUTLOOK**

Jobs are available for phlebotomy technicians in hospital laboratories and reference laboratories across the country.

According to the American Society for Clinical Pathology (ASCP) Wage and Vacancy Survey, phlebotomy technicians in the United States earned an average annual salary of \$24,350 and Phlebotomy Supervisors made \$35,000.

Dedicated phlebotomy technicians can enhance their employability by becoming certified as Donor Phlebotomy Technicians, which qualifies them to work in blood collection centers. Phlebotomy Technicians also have opportunities to advance to supervisory positions.

# Phlebotomy Technician Certificate

## Curriculum

### Required Coursework:

ALH 218 Medical Terminology*	3 Credits
ALH 230 Medical Office Lab*	4 Credits
ALH 222 Disease Conditions*	3 Credits
ALH 250 Medical Law/Ethics*	3 Credits
BAC 111 Contemporary Business & Technical Communications*	4 Credits
ALH 285 Phlebotomy Externship*	3 Credits
NSA 101 Introduction to Anatomy & Physiology*	4 Credits
<b>OR</b>	
NSA 210 Human Anatomy & Physiology I*	4 Credits
NSA 211 Human Anatomy & Physiology II*	4 Credits

\* Course has prerequisites.

### Minimum Hours Required.....24/28 Credits

- 1) The student must achieve a minimum grade of 2.0 in all curriculum courses. The student must pass ALH 230 with a minimum grade of 2.5.
- 2) Qualifications for the externship require the student to have all course work completed with an overall 2.5 GPA or above. All program instructors must recommend the student for externship.
- 3) The process of determining who will enter the program will be selective.
- 4) This certificate can be applied to the Health Care Worker Certificate that offers the student the choice of pursuing an Associate of Applied Science in Allied Health Degree.

Effective: Fall 2011

### Certification:

To be sure that phlebotomy technicians are capable and competent, the Board of Registry of the American Society for Clinical Pathology (ASCP) gives a national certification exam. Those who pass the exam may use the initials PBT(ASCP) after their names to show they are proficient in their field. Certification is valid for three years. To demonstrate competency throughout their careers after their initial certification, phlebotomy technicians must complete a Certification Maintenance Program every three years.

**This publication** is intended to provide a general overview of the program. For current specific requirements, consult with a Glen Oaks Community College academic counselor.

Reprinted March 2011

## Sample Courses

*Sample courses for this field are described below. For a complete list of course descriptions, see Glen Oaks online catalog at [www.glenoaks.edu](http://www.glenoaks.edu)*

### ALH 218 Medical Terminology 3 Credits, 3 Contacts

This course addresses basic terminology required of the Allied Health professional and provides a basic knowledge of anatomy and physiology, pathology, special procedures, laboratory procedures, and pharmacology. Greek and Latin prefixes, suffixes, word roots and combining forms are presented. Emphasis is on forming a foundation for a medical vocabulary including meaning, spelling and pronunciation. Medical abbreviations, signs and symbols are included.

*Prerequisite: Placement beyond or satisfactory completion of COM 063 and COM 073.*

### ALH 222 Disease Conditions 3 Credits, 3 Contacts

Presents the basic concepts of diseases, their causes and functional disturbances as they relate to body systems. Includes the participating risk factors and appropriate methods of patient education regarding various disease processes.

*Prerequisite: ALH 218 and NSA 101 or NSA 105 or NSA 210 and NSA 211.*

### ALH 230 Medical Office Laboratory Procedures 4 Credits, 5 Contacts

This course involves the study of the interactions between microbes and humans and the practice of handling medically important microbes, blood and body fluids. Practical experiences include aseptic techniques in the collecting, handling, and testing of specimens.

*Prerequisite: ALH 218, NSA 101 or NSA 105 or NSA 210 and NSA 211 and test into or higher than completion of NSM 052. Co-requisite: ALH 235 and ALH 222.*

### ALH 250 Medical Law and Ethics 3 Credits, 3 Contacts

This course is an introduction to the legal aspects of the medical office setting that provides a foundation of law against which individual practitioner behavior may be measured. It is intended to help prevent medical malpractice litigation by exposing the student to the legal concepts of standards of care, scope of employment, criminal and civil acts, contract, negligence, as well as ethical concepts.

*Prerequisite: Placement beyond or complete COM 063 & 073.*

### NSA 101 Introduction to Anatomy & Physiology 4 Credits, 6 Contacts

This lecture-laboratory course involves the study of the structure and function of cells, tissues, organs, and organ systems of the human body. Such basic scientific principles as cell biology and genetics are included.

*Prerequisite: ALH 218 or taken concurrently.*

# Associate of Applied Science in Allied Health

## Communications (13 credit hours)

COM 110 Interpersonal Communications.....	3 Credits
BAC 111 Contemporary Business Technical Comm*.....	4 Credits
COM 121 English Composition*.....	3 Credits
COM 140 General Communication: Speech.....	3 Credits

## Humanities (choose 3-4 credit hours)

ART 220 History of Art I.....	4 Credits
ART 221 History of Art II.....	4 Credits
HUA 100 Art Appreciation.....	4 Credits
HUF 161 Spanish I.....	4 Credits
HUF 162 Spanish II*.....	4 Credits
HUF 163 Spanish III*.....	4 Credits
HUF 261 Spanish IV*.....	4 Credits
HUH 101 Modern Culture and the Arts.....	4 Credits
HUL Literature Classes.....	4 Credits
HUM 150 Music Appreciation.....	4 Credits
HUP 210 Ethics*.....	4 Credits
HUP 230 Philosophy.....	3 Credits
HUR 231 Comparative Religions.....	4 Credits
HUR 232 Old Testament.....	4 Credits
HUR 233 New Testament.....	4 Credits
SSH 101 Western Civilization I: Ancient World to 1715*..	4 Credits
SSH 102 Western Civilization II: European c. 1700 to present*.....	4 Credits

## Social Science ( 8 credit hours required)

SSP 101 Psychology.....	4 Credits
SSS 120 Sociology.....	4 Credits
SSP 210 Human Growth & Development*.....	4 Credits

## Business (5 credit hours required)

BAA 109 Payroll Accounting*.....	2 Credits
BAM 260 Small Business Management*.....	3 Credits

## Mathematics (no substitution) (3 credit hours required)

BAM 103 Business Math (2.0 minimum GPA) *.....	3 Credits
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Elective (2 credit hours required).....2 Credits

## Allied Health Requirement:

Apply certificate\* (i.e. Phlebotomy Technician)

**Credit Hours Required..... 62+ Credits**

\*Course has a prerequisite

Students must complete one of the following Allied Health Certificates for a minimum of 30 credits:

Medical Administrative Specialist	Health Care Worker
Medical Assistant	Practical Nurse (LPN)
Phlebotomy Technician**	

\*\*Must take an additional credit hours to fulfill 30 credit minimum.

Effective: Fall 2011

# Crosswalk

**for Allied Health Certificates  
(So you may achieve more  
than one certificate)**

## Phlebotomy Technician Certificate

* ALH 218 Medical Terminology.....	3 Credits
* ALH 230 Medical Office Lab.....	4 Credits
* ALH 222 Disease Conditions.....	3 Credits
* ALH 250 Medical Law & Ethics.....	3 Credits
ALH 285 Phlebotomy Externship.....	3 Credits
*BAC 111 Contemporary Business & Technical Communications.....	4 Credits

*NSA 101 Introduction to Anatomy & Physiology.....	4 Credits
OR NSA 210 Human Anatomy & Physiology I.....	4 Credits
NSA 211 Human Anatomy & Physiology II.....	4 Credits

**Total..... 24/28 Credits**

\*Courses in the Medical Assistant certificate

## Health Care Worker Certificate

Introduction to Health Careers.....	3 Credits
Nurse Aide Certificate.....	6 Credits
Phlebotomy Certificate.....	24 Credits
College Skills Portfolio.....	3 Credits

**Total.....36/40 Credits**

## Medical Assistant Certificate (MA)

ALH 205 Pharmacology.....	3 Credits
ALH 218 Medical Terminology.....	3 Credits
ALH 222 Disease Conditions.....	3 Credits
ALH 230 Medical Office Lab.....	4 Credits
ALH 232 Admin I.....	4 Credits
ALH 233 Admin II.....	4 Credits
ALH 235 Medical Assistant Clinical I.....	3 Credits
ALH 236 Medical Assistant Clinical II.....	3 Credits
ALH 238 Medical Assistant Practicum.....	3 Credits
ALH 250 Medical Law & Ethics.....	3 Credits
ALH 290 CMA Exam Review.....	3 Credits
BAC 111 Contemporary Business & Technical Communications.....	4 Credits
BIP 222 Medical Keyboarding.....	3 Credits
COM 110 Interpersonal Communication.....	3 Credits
NSA 101 Introduction to Anatomy & Physiology	
OR NSA 210 Anatomy & Physiology I.....	4 Credits
NSA 211 Anatomy & Physiology II.....	4 Credits

**Total.....50/54 Credits**

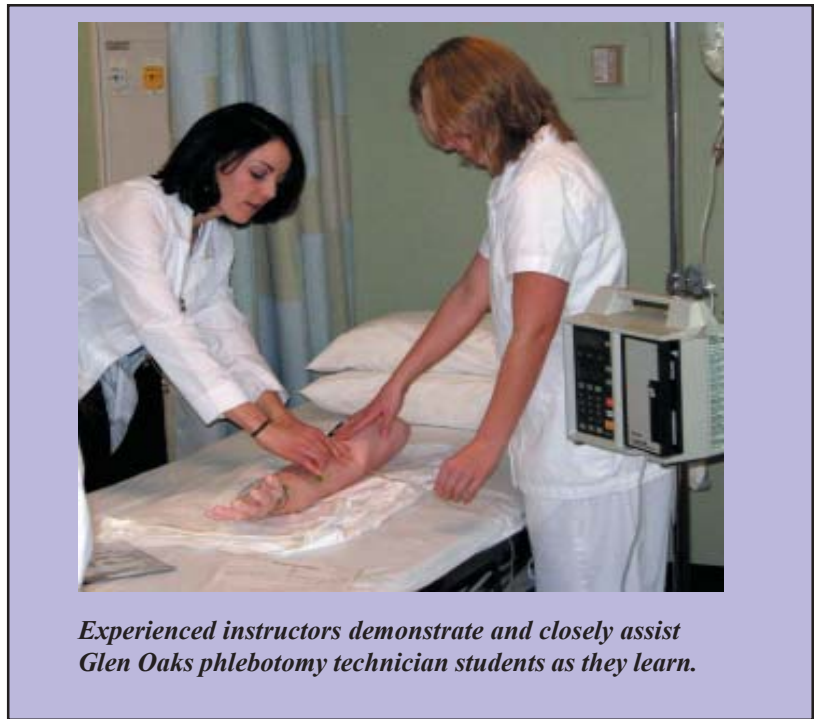
# Career Resources

Glen Oaks Counseling Services  
and Allied Health Office  
Student Services Department  
(269) 467-9945 or (888) 994-7818  
[www.glenoaks.edu](http://www.glenoaks.edu)

American Society for Clinical Pathology  
33 W. Monroe, Suite 1600  
Chicago, IL. 60603  
(312) 541-4999 or (800) 267-ASCP (2727)  
(312) 541-4845 FAX, [info@ascp.org](mailto:info@ascp.org)  
Careers: [www.ascp.org/careerlinks](http://www.ascp.org/careerlinks)  
Scholarships: [www.ascp.org/careerlinks/scholarships](http://www.ascp.org/careerlinks/scholarships)  
Certification: [www.ascp.org/certification](http://www.ascp.org/certification)  
GeneralASCP: [www.ascp.org](http://www.ascp.org)

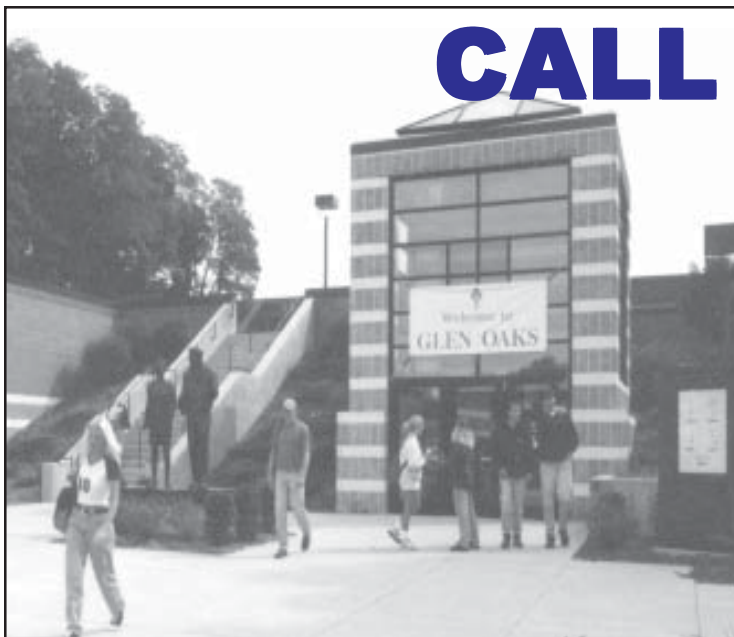
Michigan's Web-based Education Development  
Plan: [www.mi-edp.org](http://www.mi-edp.org)  
Bureau of Labor Statistics Occupational  
Outlook Handbook: [www.bls.gov/oco](http://www.bls.gov/oco)

**Nondiscrimination Statement:** It is the policy of Glen Oaks Community College that no discriminatory practices based on gender/sex, race, religion, color, age, national origin, disability, height, weight, or any other status covered by federal, state, or local law be allowed in providing instructional opportunities, programs, services, employment or in policies governing student conduct or attendance. Anyone believing that GOCC or any part of the organization has engaged in a discriminatory practice should contact the Associate Dean of Instruction and Civil Rights Coordinator at the below address and phone number.



## STUDENT SUPPORT

- Personalized educational and career planning
- Financial aid and scholarships
- Flexible schedules: day, evening, distance learning online classes
- Free tutoring
- Modern labs and computer classrooms
- Full-service library/computer center
- Small class size
- Caring, knowledgeable instructors



# CALL NOW

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