

SCHOOL OF HEALTH SCIENCES

Pharmacy Technology AAS Degree (PT23)

Offered at Clarkesville Campus

Entrance Dates	Vary
Length of Program.....	5 Terms
Credit Hours Required for Graduation	65

Purpose: The Pharmacy Technology Associated of Applied Science degree provides students with the entry-level skills required for success in a retail pharmacy or a hospital-based pharmacy department. Learning opportunities develop academic and professional knowledge and skills required for job acquisition, retention, and advancement. Graduates will receive an associate of applied science degree in Pharmacy Technology and are prepared to function as pharmacy technicians in positions requiring preparation of medications according to prescription under the supervision of a pharmacist.

Admission Requirements:

- Age 16 or older or student with dual/joint enrollment in high school or GED® students seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Requirements:

- Must meet the technical competencies (listed below) of the program prior to entry
- Must provide a physical examination and immunization record prior to participating in the clinical internship; failure to provide a physical exam or immunization record that meets the clinical requirement of the program may prevent a student from participating in the clinical internship
- Must carry professional liability insurance while enrolled in the program
- BLS certification required
- An acceptable (negative) criminal background check and drug test are required prior to clinical activities; student’s participation in the internship is dependent upon the results of these requirements
- Must be 18 years of age and registered with the Georgia Board of Pharmacy prior to clinical rotation
- Must maintain a GPA of 2.0 or better; a grade of “C” or better must be achieved in each course in order to progress to the next semester of the program
- No re-admission to the program after two withdrawals or two academic failures in any occupational course.
- Students who have been out of the program for two semesters or more will be subject to an evaluation of skills and knowledge to assess that retention of content and skills is sufficient to ensure success when he/she enters the program

Additional Information:

- In order to sit for the PTCB Examination, a student must provide full disclosure of all criminal and state board of pharmacy registration or licensure actions, be in compliance with all applicable PTCB certification policies and no violation of a PTCB certification policy or code of conduct

<u>Program Courses</u>	<u>Credits</u>
General Core Courses	Total 15 credit hours
Area I Language Arts/Communication	3
ENGL 1101 Composition and Rhetoric (required)	
Area II Social/Behavioral Sciences	3
Area III Natural Sciences/Mathematics	3
(one of the following required)	
MATH 1101 Mathematical Modeling	
MATH 1111 College Algebra	
MATH 1127 Introduction to Statistics	
Area IV Humanities/Fine Arts	3
General Education Elective from any area	3

Contact program advisor for program-specific courses and see General Education Requirements for Associate Degrees for course options.

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Occupational	Courses	Total 50 credit hours
ALHS	1040 Introduction to Health Care	3
ALHS	1090 Medical Terminology for Allied Health Sciences	2
BIOL	2113 Anatomy and Physiology I	3
BIOL	2113L Anatomy and Physiology I Lab	1
BIOL	2114 Anatomy and Physiology II	3
BIOL	2114L Anatomy and Physiology II Lab	1
COLL	1010 College and Career Success Skills	3
PHAR	1000 Pharmaceutical Calculations	4
PHAR	1010 Pharmacy Technology Fundamentals	5
PHAR	1020 Principles of Dispensing Medications	4
PHAR	1030 Principles of Sterile Medication Preparation	4
PHAR	1040 Pharmacology	4
PHAR	1050 Pharmacy Technology Practicum	5
PHAR	2060 Advanced Pharmacy Technology Principles	3
PHAR	2070 Advanced Pharmacy Technology Practicum	5

Estimated cost of books and supplies for full program is approximately \$1,800. This price does not include white leather shoes, two sets of uniforms (scrubs), two lab coats, ID badge magnet, and NGTC patch, all of which students are required to purchase. Cost of these items is approximately \$260. Other costs include physical exam - \$100-\$150, drug test - \$35, criminal background check - \$50, lab fee - \$25, HBV vaccine - \$100, Georgia Board of Pharmacy registration - \$100, fingerprinting - \$34, malpractice insurance - \$11.50 per year, and National Certification Exam (PTCB) - \$129. These are approximate costs and subject to change.

Technical Competencies:

Working Environment – Works inside well-lighted, clean, neat, organized pharmacy environment. Work under the direction of a licensed pharmacist. In community pharmacy settings, may stock, inventory, and order drugs; collect patient information; maintain computerized patient profiles; count/pour medications into dispensing containers; compound pharmaceutical preparations; input prescription information into a pharmacy computer system; prepare insurance claims; and manage sales. In hospital pharmacy settings, may assemble daily supplies of medications for patients; repackage medications; prepare sterile and bio-hazardous products; maintain nursing station medication stocks; collect quality improvement data; deliver medications; operate dispensing and/or robotic machinery; and perform many of the same duties as in a community pharmacy.

OSHA Risk Factor – Category III – A chance of exposure to blood and other body fluids is low and is not a routine component of the program. Potential risks may include possibly receive cuts and infections from sharp instruments and infections from contaminated equipment and personnel; possibly be exposed to communicable diseases; and possibly incur strains due to handling heavy equipment. The course exposes the student to noxious smells, either toxic or non-toxic; to toxic fumes, gases, vapors, mists, and liquids; or to latex which could, depending on the chemical, cause general or localized disabling conditions as a result of inhalation, ingestion, or action on the skin. HBV vaccination is recommended prior to clinical.

Physical Demands – This position involves primarily medium work that requires frequent lifting, carrying, pushing and pulling of objects or equipment. Individuals enrolled in the program will need the physical ability to assist in lifting and carrying objects, such as patients or laboratory equipment, regardless of the weight of the patient or equipment. Occasional stooping, kneeling, reaching, and dexterity are required. This position requires frequent sitting, standing, and/or walking. The ability to see and obtain impressions through the eyes of shape, size, distance, color, motions, or other characteristics of objects is required. This requires a visual acuity of 20/20 vision, with clarity of vision of 20 inches or less, depth perception, four-way field vision, sharp eye focus, and ability to identify and distinguish color. The abilities to hear and smell are essential. Expressing or exchanging ideas by spoken word is required. The ability to work under mental and physical stress regularly is required. The ability to think critically is essential. Reliable transportation to the clinical site is essential.

SCHOOL OF HEALTH SCIENCES
Pharmacy Technology Diploma (PT22)
Offered at Clarkesville Campus

Entrance Dates Vary
 Length of Program..... 4 Terms
 Credit Hours Required for Graduation 56

Purpose: The Pharmacy Technology diploma program enables students to acquire the knowledge, skills, and attitudes for employment within a pharmacy. Program graduates will be able to perform a variety of technical duties related to preparing and dispensing drugs in accordance with standard procedures and laws under the supervision of a registered pharmacist. A variety of clinical experiences is designed to integrate theory and practice. Graduates will be employable as an entry level pharmacy technician.

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- Completion of application process including placement test; or provide SAT or ACT scores

Program Requirements:

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- Must provide a physical examination and immunization record prior to participating in the clinical internship; failure to provide a physical exam or immunization record that meets the clinical requirement of the program may prevent a student from participating in the clinical internship
- Must carry professional liability insurance while enrolled in the program
- BLS certification required
- An acceptable (negative) criminal background check and drug test are required prior to clinical activities; student’s participation in the internship is dependent upon the results of these requirements
- Must be 18 years of age and registered with the Georgia Board of Pharmacy prior to clinical rotation
- Must maintain a GPA of 2.0 or better; a grade of “C” or better must be achieved in each course in order to progress to the next semester of the program
- No re-admission to the program after two withdrawals or two academic failures in any occupational course.
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Additional Information:

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Program Courses

Credits

Basic Skills Courses

Total 12 credit hours

	COLL	1010	College and Career Success Skills	3
	ENGL	1010	Fundamentals of English I	3
	MATH	1012	Foundations of Mathematics	3
	PSYC	1010	Basic Psychology	3

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Occupational Courses	Total 44 credit hours
ALHS 1011 Structure and Function of the Human Body	5
ALHS 1040 Introduction to Health Care	3
ALHS 1090 Medical Terminology for Allied Health Sciences	2
PHAR 1000 Pharmaceutical Calculations	4
PHAR 1010 Pharmacy Technology Fundamentals	5
PHAR 1020 Principles of Dispensing Medications	4
PHAR 1030 Principles of Sterile Medication Preparation	4
PHAR 1040 Pharmacology	4
PHAR 1050 Pharmacy Technology Practicum	5
PHAR 2060 Advanced Pharmacy Technology Principles	3
PHAR 2070 Advanced Pharmacy Technology Practicum	5

Estimated cost of books and supplies for full program is approximately \$1,500. This price does not include white leather shoes, two sets of uniforms (scrubs), two lab coats, ID badge magnet, and NGTC patch, all of which students are required to purchase. Cost of these items is approximately \$260. Other costs include physical exam - \$100-\$150, drug test - \$35, criminal background check - \$50, HBV vaccine - \$100, Georgia Board of Pharmacy registration - \$100, fingerprinting - \$34, and malpractice insurance - \$11.50 per year, National Certification Exam (PTCB) - \$129. These are approximate costs and subject to change.

Technical Competencies:

Working Environment – Works inside well-lighted, clean, neat, organized pharmacy environment. Work under the direction of a licensed pharmacist. In community pharmacy settings, may stock, inventory, and order drugs; collect patient information; maintain computerized patient profiles; count/pour medications into dispensing containers; compound pharmaceutical preparations; input prescription information into a pharmacy computer system; prepare insurance claims; and manage sales. In hospital pharmacy settings, may assemble daily supplies of medications for patients; repackage medications; prepare sterile and bio-hazardous products; maintain nursing station medication stocks; collect quality improvement data; deliver medications; operate dispensing and/or robotic machinery; and perform many of the same duties as in a community pharmacy.

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SCHOOL OF HEALTH SCIENCES

Pharmacy Technology Certificate (PB71)

Offered at Clarkesville Campus

Entrance Dates Fall, Spring
 Length of Program..... 3 Terms
 Credit Hours Required for Graduation 35

Purpose: The Pharmacy Technology certificate program is designed to provide students with short term training to prepare them for entry-level employment in a variety of settings such as hospitals, retail pharmacies, nursing homes, medical clinics, etc. Students will receive didactic instruction and laboratory training in anatomy and physiology, fundamental concepts, and principles of receiving, storing and dispensing medication.

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- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Requirements:

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- Must be 18 years of age and registered with the Georgia Board of Pharmacy prior to clinical rotation
- Must maintain a GPA of 2.0 or better; a grade of “C” or better must be achieved in each course in order to progress to the next semester of the program
- No re-admission to the program after two withdrawals or two academic failures in any occupational course
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Program Courses

Credits

ALHS	1011	Structure and Function of the Human Body	5
ALHS	1090	Medical Terminology for the Allied Health Student	2
COLL	1010	College and Career Success Skills	3
MATH	1012	Foundations of Mathematics	3
PHAR	1000	Pharmaceutical Calculations	4
PHAR	1010	Pharmacy Technology Fundamentals	5
PHAR	1020	Principles of Dispensing Medications	4
PHAR	1040	Pharmacology	4
PHAR	1050	Pharmacy Technology Practicum	5

Estimated cost of books and supplies for full program is approximately \$1,000.