

Ophthalmic Medical Personnel

Ophthalmic Medical Personnel (A45210)

Degree Awarded

The Associate in Applied Science degree - Ophthalmic Medical Personnel is awarded by the college upon completion of this program.

Admissions

- Complete a Central Piedmont Admissions Form.
- Submit an official high school diploma as well as college transcripts to the Student Records.
- Complete the Central Piedmont placement tests for course placement.
- Schedule an appointment and meet with an academic advisor.

Notes

Progression in this program is dependent upon a grade of "C" or better in all general education courses, as well as major and related courses.

Students must be certified by the American Heart Association in "Health Care Provider Level" CPR or by the American Red Cross in "CPR for the Professional Rescuer" before registering for an OPH course.

Students may be required to submit results of a North Carolina state or national criminal background check at their own expense to participate in clinical education experiences at health care facilities. As a condition of program admission, students may have to verify that they are United States citizens or are otherwise legally authorized residents of the United States.

Contact Information

The Ophthalmic Medical Personnel program is in the Outpatient and Simulation Division. For more information, visit the Ophthalmic Medical Personnel Program website. For further assistance, contact the Program Chair at 704.330.2722, ext. 3444.

General Education Requirements

ENG 111	Writing and Inquiry	3.0
ENG 112	Writing and Research in the Disciplines	3.0
MAT 143	Quantitative Literacy	3.0
PSY 150	General Psychology	3.0
ACA 122	College Transfer Success	1.0
Select 3 credits from the following		3.0
COM 231	Public Speaking	
COM 110	Introduction to Communication	
Select 3 credits from the following:		3.0
ART 111	Art Appreciation	
ART 114	Art History Survey I	
ART 115	Art History Survey II	
HUM 120	Cultural Studies	
DRA 111	Theatre Appreciation	
HUM 130	Myth in Human Culture	
MUS 110	Music Appreciation	
MUS 112	Introduction to Jazz	

PHI 215	Philosophical Issues	
PHI 240	Introduction to Ethics	
REL 110	World Religions	
Major Requirements		
OPH 113	Introduction to Diseases of the Eye	2.0
OPH 114	Basic Ophthalmic Pharmacology	2.0
OPH 115	Ophthalmic Clinical Procedures I	2.0
OPH 116	Ophthalmic Medical Assistant Practicum I	6.0
OPH 117	Ophthalmic Clinical Procedures II	2.0
OPH 118	Ophthalmic Patient Care	2.0
OPH 119	Ophthalmic Optics & Basic Refractometry	2.0
OPH 120	Ophthalmic Medical Assistant Practicum II	6.0
OPH 150	Intro to Ophthalmic Medical Assisting	2.0
OPH 151	Ocular Anatomy & Physiology	2.0
OPH 217	Ophthalmic Clinical Procedures III	2.0
OPH 218	Advanced Ophthalmic Patient Care	2.0
OPH 219	Ophthalmic Optics and Refractometry II	2.0
OPH 220	Ophthalmic Medical Assistant Practicum III	8.0
BIO 163	Basic Anatomy & Physiology	5.0
MED 121	Medical Terminology I	3.0
Total Credits		69

OPH 113. Introduction to Diseases of the Eye. 2.0 Credits. Class-2.0. Clinical-0.0. Lab-0.0. Work-0.0

This course introduces common external and internal diseases of the eye and orbital region. Topics include common patient complaints, ocular emergencies, triage procedures and common ocular conditions and disorders. Upon completion, the student should be able to identify most common ocular diseases and determine appropriate emergency management of acute ocular problems.

Prerequisites: Take all: OPH 150 and OPH 151

OPH 114. Basic Ophthalmic Pharmacology. 2.0 Credits. Class-2.0. Clinical-0.0. Lab-0.0. Work-0.0

This course introduces and compares drug delivery systems. Topics include the use of diagnostic agents and various classes of drugs commonly used in ophthalmic practices. Upon completion, the students should administer and record topical and oral medications at the physician's direction.

Prerequisites: Take OPH 150 and OPH 151

OPH 115. Ophthalmic Clinical Procedures I. 2.0 Credits. Class-1.0. Clinical-0.0. Lab-2.0. Work-0.0

This course introduces basic clinical procedures for the ophthalmic practice. Topics include telephone triage and basic procedures commonly used in the preliminary examination of patients. Topics include basic procedures commonly used in the preliminary examination of patients. Upon completion, the student should be able to perform basic administrative tasks and perform basic procedures commonly used in patient examinations.

Prerequisites: Take OPH 150 and OPH 151

OPH 116. Ophthalmic Medical Assistant Practicum I. 6.0 Credits.

Class-0.0. Clinical-18.0. Lab-0.0. Work-0.0

This course introduces ophthalmic patient care procedures. Topics include interpersonal skills with patients, work and legal ethics, confidentiality, clinical appearance and performance. Upon completion, the student will be able to demonstrate competence and efficiency in basic clinical skills.

Prerequisites: Take OPH 150 and OPH 151

OPH 117. Ophthalmic Clinical Procedures II. 2.0 Credits.

Class-1.0. Clinical-0.0. Lab-2.0. Work-0.0

This course introduces more intermediate clinical procedures for the ophthalmic practice. Topics include coding and testing associated with the treatment of glaucoma, cataracts and refractive errors. Upon completion, the student should understand coding for ophthalmic procedures and perform more intermediate clinical procedures.

Prerequisites: Take OPH 115

OPH 118. Ophthalmic Patient Care. 2.0 Credits.

Class-2.0. Clinical-0.0. Lab-0.0. Work-0.0

This course is an overview of the care of the ophthalmic patient. Topics include systemic diseases in the eye, review of first aid, emergency equipment and supplies, infection control, identification and sterilization of minor surgical equipment, and aseptic technique. Upon completion, the students should be able to apply these principles in their interactions with patients.

Prerequisites: Take all: OPH 150 and OPH 151

OPH 119. Ophthalmic Optics & Basic Refractometry. 2.0 Credits.

Class-2.0. Clinical-0.0. Lab-0.0. Work-0.0

This course introduces basic theoretical and clinical optics. Topics include interaction of light and lenses, refractive states of the eye, and principles of retinoscopy and refractometry. Upon completion, the student will demonstrate physical and geometric optics, and basic refractometry techniques.

Prerequisites: Take all: OPH 150 and OPH 151

OPH 120. Ophthalmic Medical Assistant Practicum II. 6.0 Credits.

Class-0.0. Clinical-18.0. Lab-0.0. Work-0.0

This course provides additional clinical experience in ophthalmic patient care procedures. Topics include interpersonal skills with patients, work and legal ethics, confidentiality, appearance and performance. Upon completion, the student will be able to perform basic and intermediate clinical skills, working towards competence and efficiency.

Prerequisites: Take OPH 116

OPH 150. Intro to Ophthalmic Medical Assisting. 2.0 Credits.

Class-2.0. Clinical-0.0. Lab-0.0. Work-0.0

This course introduces the role, scope, and duties of the ophthalmic assistant. Topics include medical ethics, duties of assistant, medical history, basic medical terminology, and an overview of human anatomy and physiology. Upon completion, students should be able to demonstrate knowledge of medical history taking and show an understanding of the role of ophthalmic medical personnel in patient care.

Corequisites: Take OPH 151

OPH 151. Ocular Anatomy & Physiology. 2.0 Credits.

Class-2.0. Clinical-0.0. Lab-0.0. Work-0.0

This course studies the normal anatomy and physiology of eye and orbit. Topics include structures of the eye, functioning process of the eye and correct medical terminology of the structures and functions of the eye.

Upon completion, the student should demonstrate a basic understanding and fundamental principles of anatomy and physiology of the eye.

Corequisites: Take OPH 150

OPH 217. Ophthalmic Clinical Procedures III. 2.0 Credits.

Class-1.0. Clinical-0.0. Lab-2.0. Work-0.0

This course focuses on advanced clinical procedures for the ophthalmic practice. Topics include an emphasis on more advanced skill development. Upon completion, students should be able to demonstrate increasing speed and accuracy in performing clinical skills.

Prerequisites: Take OPH 117

OPH 218. Advanced Ophthalmic Patient Care. 2.0 Credits.

Class-1.0. Clinical-0.0. Lab-2.0. Work-0.0

This course presents the principles of advanced diagnostic testing and techniques. Topics include advanced imaging and supplemental testing. Upon completion, students should be able to apply these principles in their interaction with patients.

Prerequisites: Take OPH 118

OPH 219. Ophthalmic Optics and Refractometry II. 2.0 Credits.

Class-1.0. Clinical-0.0. Lab-2.0. Work-0.0

This course reviews intermediate theoretical and clinical optics and covers theories of visual perception. Topics include low vision, contact lenses, and advanced principles of retinoscopy and refractometry. Upon completion, the student will demonstrate more advanced proficiency in optical calculations.

Prerequisites: Take OPH 119

OPH 220. Ophthalmic Medical Assistant Practicum III. 8.0 Credits.

Class-0.0. Clinical-24.0. Lab-0.0. Work-0.0

This course provides additional clinical experience in ophthalmic patient care procedures. Topics include developing proficiency while performing ophthalmic diagnostic and imaging procedures. Upon completion, the student will be able to perform actual patient examination under supervision while demonstrating increased clinical competence and efficiency.

Prerequisites: Take OPH 120