

**Associate in Applied Science**

*CIP Code 51.1801*

**Ophthalmic Science Technology**

**OPH.AAS**

<b>FIRST YEAR/FIRST SEMESTER</b>			
<b>Course #</b>	<b>Course Name</b>	<b>Credits</b>	<b>Notes</b>
ENG-101	English Composition I	3	Must test into ENG-101 or complete all appropriate prerequisites
CIS-105	Computer Literacy		
or CIS-101	Personal Computer	3	
MTH-100	Algebraic Concepts	4	
OPH-104	Ophthalmic Lab I	3	<b>Co-requisite:</b> OPH-111
OPH-111	Ophthalmic Materials Lecture I	3	<b>Co-requisite:</b> OPH-104
OPH-130	Anatomy of the Eye	3	
<b>FIRST YEAR/SECOND SEMESTER</b>			
ENG-102	English Composition II	3	<b>Prerequisite:</b> ENG-101
OPH-105	Ophthalmic Lab II	3	<b>Prerequisite:</b> OPH-104; <b>Co-requisite:</b> OPH-112
OPH-112	Ophthalmic Materials Lecture II	3	<b>Prerequisite:</b> OPH-111; <b>Co-requisite:</b> OPH-105
OPH-131	Introduction to Contact Lenses	3	<b>Prerequisite:</b> OPH-130
ELECTIVE	Laboratory Science General Education Elective	4	
<b>SECOND YEAR/FIRST SEMESTER</b>			
OPH-203	Ophthalmic Materials Laboratory III	2	<b>Prerequisite:</b> OPH-105
OPH-220	Optic Principles	3	<b>Prerequisite:</b> OPH-105 and OPH-112
OPH-232	Contact Lens Fitting I	3	<b>Prerequisite:</b> OPH-131
OPH-240	Ophthalmic Dispensing I	4	<b>Prerequisite:</b> OPH-105 and OPH-112
OPH-250	Ophthalmic Clinic I	1	<b>Prerequisite:</b> OPH-105, OPH-112 and OPH-131; <b>Co-requisite:</b> OPH-260
OPH-260	Co-op I: Ophthalmic Science	1	<b>Prerequisite:</b> OPH-105, OPH-112 and OPH-131; <b>Co-requisite:</b> OPH-250
<b>SECOND YEAR/SECOND SEMESTER</b>			
OPH-204	Ophthalmic Materials Laboratory IV	2	<b>Prerequisite:</b> OPH-203
OPH-233	Contact Lens Fitting II	3	<b>Prerequisite:</b> OPH-232
OPH-241	Ophthalmic Dispensing II	4	<b>Prerequisite:</b> OPH-240
OPH-251	Ophthalmic Clinic II	1	<b>Prerequisite:</b> OPH-250, and OPH-260; <b>Co-requisite:</b> OPH-261
OPH-270	Ophthalmic Dispensing Office Procedures	3	<b>Prerequisite:</b> OPH-112
ELECTIVE	Diversity: Social Science General Education Elective		
or ELECTIVE	Diversity: Humanities General Education Elective	3	
<b>TOTAL CREDITS</b>		<b>65</b>	

**PROGRAM DESCRIPTION**

Opticians dispense corrective lenses to aid patients in their visual needs. This is accomplished by using scientific and clinical procedures and applying learned skills needed to successfully produce and fit top quality eyewear.

**PROGRAM GOALS**

- To provide students with the skills and knowledge needed to successfully complete the New Jersey State Ophthalmic Dispensing Examination, the American Board of Opticianry Examination, and the National Contact Lens Examination.
- To prepare students for employment opportunities within the optical profession.
- To provide students with a General Education foundation.

**PROGRAM STUDENT LEARNING OUTCOMES**

At the end of the program, the graduate will be able to:

1. Fabricate a complete pair of eyeglasses conforming to state and ANSI standards.
2. Interpret a doctor's prescription.
3. To dispense a complete pair of eyeglasses and contact lenses from a doctor's prescription.
4. Demonstrate knowledge of spectacle lens and contact lens design through mathematical calculations.

**SPECIAL PROGRAM REQUIREMENTS**

- All candidates must take the College Placement Test and complete the required courses prior to beginning course work.
- The program has an open enrollment policy; however, any applicant who does not have college-level mathematics or English must achieve satisfactory scores on the College Placement Test.
- All perspective students must schedule an interview with the ophthalmic science program director.
- Due to the sequential nature of the optical courses, admission is usually limited to the fall semester. General Education courses can be taken all year.
- Students must earn a grade of "C" or better in all ophthalmic courses in order to be eligible for the New Jersey Ophthalmic Dispensers Exam.
- Students must have an approved apprenticeship for 4 months after program completion to be eligible for the New Jersey Ophthalmic Dispensers Exam.

**NOTICE:**

Clinical placements are a required part of the curriculum and a requirement for graduation. Clinical placements may require a criminal background check, health clearance and/or drug testing before participation is allowed. Clinical sites may deny a student's participation in the event of a positive finding. Individuals who have been convicted of a felony or misdemeanor may be denied certification or licensure as a health professional. Information regarding eligibility may be obtained from the appropriate credentialing body.

**ACCREDITATION**

The Ophthalmic Science program is accredited by the Commission on Opticianry Accreditation  
 P.O. Box 592  
 Canton, NY 13617  
 (703) 468-0566

**CONTACT PERSON**

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