

ASSOCIATE IN APPLIED SCIENCE

CIP Code 51.1801

Ophthalmic Science Technology

OPH.AAS

| CODE | COURSE | CREDITS | CODE | COURSE | CREDITS |
|----------------------------------|---|-----------|-----------------------------------|---|-----------|
| First Year/First Semester | | | Second Year/First Semester | | |
| ENG-101 | English Composition I | 3 | OPH-203 | Ophthalmic Materials Laboratory III | 2 |
| CSC-101 | Computer Literacy or | | OPH-220 | Optic Principles | 3 |
| CIS-101 | Personal Computer Applications or | | OPH-232 | Contact Lens Fitting I | 3 |
| CSC-102 | Information Literacy in a Digital Era | 3 | OPH-240 | Ophthalmic Dispensing I | 4 |
| MTH-100 | Algebraic Concepts | 4 | OPH-250 | Ophthalmic Clinic I | 1 |
| OPH-104 | Ophthalmic Lab I | 3 | OPH-260 | Co-op I: Ophthalmic Science | 1 |
| OPH-111 | Ophthalmic Materials Lecture I | 3 | | | 14 |
| OPH-130 | Anatomy of the Eye | 3 | Second Semester | | |
| | | 19 | OPH-204 | Ophthalmic Materials Laboratory IV | 2 |
| Second Semester | | | OPH-233 | Contact Lens Fitting II | 3 |
| ENG-102 | English Composition II | 3 | OPH-241 | Ophthalmic Dispensing II | 4 |
| OPH-105 | Ophthalmic Lab II | 3 | OPH-251 | Ophthalmic Clinic II | 1 |
| OPH-112 | Ophthalmic Materials Lecture II | 3 | OPH-261 | Co-op II: Ophthalmic Science | 1 |
| OPH-131 | Introduction to Contact Lenses | 3 | OPH-270 | Ophthalmic Dispensing Office Procedures | 3 |
| | Laboratory Science General Education Elective | 4 | | Diversity: Social Science General Education Elective or | |
| | | 16 | | Diversity: Humanities General Education Elective | 3 |
| | | | | | 17 |
| | | | | | 66 |
| | | | | Total Minimum Credits | |

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.

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

- 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 prospective 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.

ACCREDITATION

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

EMPLOYMENT OPPORTUNITIES

- Private practice
- Clinical practice
- Optical sales
- Manufacturing
- Ophthalmic laboratory technician
- Contact lens technician

CONTACT PERSON

Daniel G. Banks, Coordinator
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email: dbanks@camdencc.edu

Career Highlights

Employment opportunities in this field are expected to increase. Over the next decade the number of the middle age and elderly will increase. Public awareness of the importance of good eyesight and vision screening programs in schools is likely to stimulate the demand for eyecare.

Alumni report 90-100% employment in the field within three months of graduation.