The Vision Care Technology Program offers classroom, clinical and laboratory training utilizing state of the art instrumentation in preparation for careers in the vision care field.

With the increase in the nation’s population and the aging of the baby boom generation, the demand for vision care services and a trained corps of ophthalmic professionals has risen. This demand exists in private optometric and ophthalmological practices, national vision centers, health maintenance organizations, laser surgery and specialty practices, laboratory and ophthalmic sales.

Classroom lectures, clinics and laboratories involve skills training in lensometry, pupillometry, keratometry, biomicroscopy, tonometry, perimetry, auto-refraction, corneal topography and retinal imaging. Students are trained in the use of computers to maintain patient’s protected health information and prescription requirements.

To complement classroom and laboratory training, students will participate in two clinical externships at participating optometric and ophthalmological private practices and vision centers.

**CAREER PATHS**
Opticians; optometrist; ophthalmic assistant; large and small independent offices; health maintenance organizations; wholesale ophthalmic medical sales.

**CURRICULUM**
Total Degree Credits: 63.5

**FIRST YEAR, FALL SEMESTER**
- VC 100 Ophthalmic Dispensing I .................................................. 2 cr
- VC 110 Ophthalmic Lenses I ......................................................... 3 cr
- VC 133 Introduction to Contact Lens Laboratory ............................ 1 cr
- VC 140 Ophthalmic Assisting .......................................................... 2 cr
- EN 100 or EN 110 based on department advisement ........................ 3 cr
- SUNY General Education Electives – Social Science ..................... 3 cr* 
- Liberal Arts Elective ........................................................................ 3 cr

**FIRST YEAR, SPRING SEMESTER**
- VC 141 Assisting and Refraction Lab ............................................ 2 cr
- VC 142 Contact Lenses I ............................................................... 2 cr
- VC 143 Lab for OD 142 ................................................................. 2 cr
- VC 150 Ophthalmic Dispensing II ................................................. 3 cr
- VC 160 Ophthalmic Lenses II ....................................................... 3 cr
- PH 170 Computer Applications in Optics I .................................. 3 cr
- PH 171 Lab for PH 170 (included in credit hours for PH 170) .......

**SECOND YEAR, FALL SEMESTER**
- VC 232 Contact Lenses II ............................................................ 1.5 cr
- VC 233 Lab for OD 232 ............................................................... 2 cr
- VC 240 Ophthalmic Dispensing III ............................................... 2 cr
- VC 245 Ophthalmic Fabrication I .................................................. 2 cr
- VC 246 Ophthalmic Dispensing Lab I ............................................ 3 cr
- BI 254 Anatomy of the Eye .......................................................... 2 cr
- PH 172 Computer Applications in Optics II ................................. 3 cr
- PH 173 Lab for PH 172 (included in credit hours for PH 172) ........

**SECOND YEAR, SPRING SEMESTER**
- VC 243 Contact Lens Clinic Practice ........................................... 1 cr
- VC 250 Ophthalmic Dispensing IV ................................................ 2 cr
- VC 255 Ophthalmic Fabrication II ................................................ 1 cr
- VC 256 Ophthalmic Dispensing Lab ............................................. 3 cr
- VC 261 General Dispensing Practice .......................................... 1 cr
- VC 264 Ophthalmic Practice Management ................................ 2 cr
- BI 255 Physiology of the Eye ....................................................... 2 cr

Electives: VC 283, *i.e. AN 102, PS 100, HU 100, SO 100

Note: The student must also demonstrate proficiency in algebra at the level of MT 013. This is a recommended sequence, Student should consult his/her academic advisor prior to registering.

**CONTACT**
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