

# CURRICULUM STANDARD

Effective Term  
Fall 2001  
[2001\*03]

Curriculum Program Title

**Opticianry**

Code

**A45560**

Concentration

**(not applicable)**

## *Curriculum Description*

This curriculum is designed to prepare graduates to adapt and fit corrective eyewear or ophthalmic devices as prescribed by the ophthalmologist or optometrist.

Students will acquire competencies in all phases of opticianry, including analysis and interpretation of prescriptions; surfacing, benchwork, dispensing, and fitting of eyewear and ophthalmic devices; maintenance of consumer records; effective communication with consumers; and business management skills.

Graduates should qualify to take certification examinations given by the American Board of Opticianry, the National Contact Lens Examiners, and the North Carolina State Board of Opticians, as well as other state licensing boards.

## *Curriculum Requirements\**

*[for associate degree, diploma, and certificate programs in accordance with 23 NCAC 02E.0204 (3)]*

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
<b>Total Semester Hours Credit (SHC)</b>	<b>64-76</b>	<b>36-48</b>	<b>12-18</b>

*\*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

## *Major Hours*

*[ref. 23 NCAC 02E.0204 (3)]*

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

### **Opticianry A45560**

	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>																																	
<b>Minimum Major Hours Required</b>	<b>49 SHC</b>	<b>30 SHC</b>	<b>12 SHC</b>																																	
<p><b>A. CORE</b>  <i>A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the required subject/course core of the AAS degree.</i></p> <p><b>Required Courses:</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;">OPH 111</td><td style="width: 65%;">Ophthalmic Laboratory I</td><td style="width: 20%; text-align: right;">3 SHC</td></tr> <tr><td>OPH 112</td><td>Ophthalmic Laboratory II</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>OPH 121</td><td>Anatomy &amp; Physiology-Eye</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>OPH 131</td><td>Optical Dispensing I</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>OPH 132</td><td>Optical Dispensing II</td><td style="text-align: right;">4 SHC</td></tr> <tr><td>OPH 141</td><td>Optical Theory I</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>OPH 142</td><td>Optical Theory II</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>OPH 222</td><td>Optical Business Management</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>OPH 251</td><td>Optical Internship I</td><td style="text-align: right;">1 SHC</td></tr> <tr><td>OPH 261</td><td>Contact Lenses I</td><td style="text-align: right;">4 SHC</td></tr> <tr><td>OPH 282</td><td>Optical Externship I</td><td style="text-align: right;">2 SHC</td></tr> </table> <p><b>Required Subject Areas:</b>  <b>None</b></p>	OPH 111	Ophthalmic Laboratory I	3 SHC	OPH 112	Ophthalmic Laboratory II	3 SHC	OPH 121	Anatomy & Physiology-Eye	3 SHC	OPH 131	Optical Dispensing I	3 SHC	OPH 132	Optical Dispensing II	4 SHC	OPH 141	Optical Theory I	3 SHC	OPH 142	Optical Theory II	3 SHC	OPH 222	Optical Business Management	3 SHC	OPH 251	Optical Internship I	1 SHC	OPH 261	Contact Lenses I	4 SHC	OPH 282	Optical Externship I	2 SHC	<b>32 SHC</b>	<b>12 SHC</b>	
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<b>B. CONCENTRATION</b> <i>(Not applicable)</i>																																				
<p><b>C. OTHER MAJOR HOURS</b>  <i>To be selected from the following prefixes:</i></p> <p>ACC, BUS, CIS, COE, CSC, HSC, OPH, and PHY</p> <p><i>Foreign language courses (including ASL) that are not designated as approved other major hours may be included in all programs up to a maximum of 3 semester hours of credit.</i></p>																																				