

Ophthalmic Technology – Ophthalmic Dispensing Technician

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

REQUIRED CREDITS: 68

LIMITED ENTRY

DEGREE CODE: OPHT-AAS

This is a limited-entry program. Some of these courses are program prerequisites and MUST be completed before a student is considered eligible for entry into the Program. Students MUST attend a Health Programs orientation and meet with a Health Programs advisor for additional advisement.

DESCRIPTION

The Ophthalmic Technology Program prepares graduates to be professional manufacturing and dispensing opticians. The program consists of systematic instruction and experience in all aspects of the work in the profession. The program includes instruction and laboratory training in: contact lens skills, eyewear dispensing skills, lens finishing techniques, lens surfacing techniques, as well as sales techniques, basic business operations and communications. Instruction and practice in low vision aids, physician assisting skills, and ocular prosthetics are also covered.

Graduates of the program are prepared to take the American Board of Opticianry and the National Contact Lens Examiners certification examinations.

Graduates are also prepared to take the Nevada Board of dispensing Opticians licensing examination.

Graduates of the program can gain employment as manufacturing opticians, dispensing opticians, entry level management positions in vision care, as well as open their own independent vision care facility.

A limited entry program; students must attend a health programs orientation and meet with a health programs advisor for additional counseling.

Accrediting Agency: Commission on Opticianry Accreditation, P.O. Box 592 Canton, NY 13617, (703) 468-0566.

STUDENT LEARNING OUTCOMES

- Demonstrate the ability to analyze the prescriptive and lifestyle needs of a patient and make appropriate recommendations for optical devices.
- Demonstrate the ability to perform all the daily tasks of a laboratory and dispensing optician in a competent manner.
- Pass the ABO, NCLE, and Nevada State Board of Dispensing Opticians licensing examinations.

PLEASE NOTE - The courses listed below may require a prerequisite or corequisite. Read course descriptions before registering for classes. All MATH and ENG courses numbered 01-99 must be completed before reaching 30 total college-level credits. No course under 100-level counts toward degree completion.

GENERAL EDUCATION REQUIREMENTS (22 CREDITS)**MATHEMATICS (3 credits)**

MATH 104B or above (except MATH 122, 123)

ENGLISH COMPOSITION (3-5 credits)

ENG 100 or 101 or 113

COMMUNICATIONS (3 credits)

BUS 108; COM 101, 102, 215; ENG 100, 101, 102, 107, 113, 114, 205; JOUR 102; THTR 105

HUMAN RELATIONS (3 credits)

ALS 101; ANTH 101,112, 201, 205; HIST 105, 106, 107, 150, 151, 210, 247, 260; HMS 130; MGT 100B, 283; PHIL 135; PSC 201; PSY 101, 102, 207, 208, 261; SOC

NATURAL SCIENCE (3 credits)

AST; BIOL; CHEM; EGG 131, 132; ENV; GEOG 103, 104, 117; GEOL; HHP 123B, 124B; PHYS

FINE ARTS/HUMANITIES/SOCIAL SCIENCES (3 credits)

AM; ANTH (except 102); ART; COM; ECON; ENG 223 or above; GEOG 106 or above; HIST; World Languages; MUS; PHIL; PSC; PSY; SOC; THTR; WMST 113

U.S. AND NEVADA CONSTITUTIONS (4-6 credits)

PSC 101; or HIST 101 and 102

SPECIAL PROGRAM REQUIREMENTS (46 CREDITS)

OPHT 102B	Introduction to Contact Lenses	3
OPHT 105B	Introduction to Contact Lens Lab	1
OPHT 112B	Anatomy and Physiology of the Eye and Related Structures	3
OPHT 121B	Ophthalmic Optics I	5
OPHT 123B	Ophthalmic Optics II	5
OPHT 155B	Geometric Optics	3
OPHT 201B	Ophthalmic Dispensing I	5
OPHT 202B	Contact Lenses I	3
OPHT 203B	Contact Lenses II	1
OPHT 220B	Theory of Refractometry	3
OPHT 223B	Ophthalmic Dispensing II	5
OPHT 232B	Opticianry Management Sales	3
OPHT 260B	Introduction to Low Vision	1
OPHT 291B	Clinical Applications III	3
OPHT 299B	Certificate Review	2

See Degree Plan on next page.

- NOTE**
- Course numbers with the “B” suffix may be non-transferable for a NSHE baccalaureate degree.
 - Course numbers with the “H” suffix are designated Honors-level courses and can be used to fulfill equivalent general education requirements. For more information visit www.csn.edu/honors.
 - In no case, may one course be used to meet more than one requirement except for the Values and Diversity general education requirement (only AA, AS, and AB degrees) which may be used to fulfill the corresponding general education or emphasis requirement.
 - Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.



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LIMITED ENTRY
DEGREE CODE: OPHT-AAS**FULL-TIME STUDENT DEGREE PLAN***Add more semesters to modify this plan to fit part-time student needs.*

FIRST SEMESTER	Credits
Complete Mathematics (see courses previous page)	3
OPHT 112B Anatomy and Physiology of the Eye and Related Structures	3
OPHT 121B Ophthalmic Optics I	5
OPHT 201B Ophthalmic Dispensing I	5
TOTAL CREDITS	16
SECOND SEMESTER	Credits
ENG 100 or 101 or 113	3-5
OPHT 123B Ophthalmic Optics II	5
OPHT 155B Geometric Optics	3
OPHT 223B Ophthalmic Dispensing II	5
TOTAL CREDITS	16-18
THIRD SEMESTER	Credits
Complete Natural Science (see courses previous page - Recommended: AST 101)	3
TOTAL CREDITS	16
FOURTH SEMESTER	Credits
Complete Communications (see courses previous page)	3
Complete Human Relations (see courses previous page - Recommended: ALS 101)	3
OPHT 102B Introduction to Contact Lenses	3
OPHT 105B Introduction to Contact Lens Lab	1
OPHT 220B Theory of Refractometry	3
OPHT 291B Clinical Applications III ²	3
TOTAL CREDITS	16
FIFTH SEMESTER	Credits
Complete Fine Arts/Humanities/Social Science (see courses previous page - Recommended: SOC 101)	3
Complete US/NV Constitutions (see courses previous page - Recommended: PSC 101)	4
OPHT 202B Contact Lenses I	3
OPHT 203B Contact Lenses II	1
OPHT 232B Opticianry Management Sales ¹	3
OPHT 260B Introduction to Low Vision I	1
OPHT 299B Certificate Review ²	2
TOTAL CREDITS	17
DEGREE PLAN TOTAL CREDITS	68-70

¹OPHT 232B and OPHT 260B may be taken in the first or second spring semester.²OPHT 291B and OPHT 299B may be taken in the second fall or spring semester.