

Cleveland State University  
College of Health  
Associate of Applied Science in Optical Technology Pathway to Bachelor of Science in Health Science

SUGGESTED SEQUENCE AT TRI	
Summer Start	Credits
ENG 1010 College Composition I	3
MATH 1410 Elementary Probability and Statistics I	3
OPT 1100 Introduction to Optical Technology	1
PSY 1010 General Psychology	3
Total	10
First Semester	Credits
BIO 1230 Anatomy and Physiology of the Eye	4
OPT 1310 Theoretical Optics I	2
OPT 1400 Introduction to Fabrication Principles	1
OPT 1411 Basic Spectacle Fabrication	1
OPT 1510 Optical Dispensing I	3
OPT 1610 Contact Lens I	2
Semester Total	13
Second Semester	Credits
OPT 1320 Theoretical Optics II	2
OPT 1421 Advanced Spectacle Fabrication	1
OPT 1520 Optical Dispensing II	3
OPT 1621 Contact Lens II	2
PHYS 1300 Physics of Optical Materials	4
Semester Total	12

CSU DEGREE REQUIREMENTS	
* Course to be taken through CSU or Tri-C	Credits
**Math	3
HSC 203 Medical Terminology (MA 1010 or 1020 at Tri-C)	1
**Social and Behavioral Science (Cannot be from PSY)	3
**Arts and Humanities (Cannot be from PHIL)	3
**Natural Science	3
General Elective	3
General Elective	3
General Elective	3
General Elective	3
General Elective	3
General Elective	1

	1
OPT 2702 Refractometry	2
OPT 2950 Optical Field Experience II	2
OPT 2981 Optical Field Experience Seminar II	3
ENG 1020 College Composition II	3
PHIL 2050 Bioethics	3
Semester Total	14
Associate of Applied Science Degree Awarded	62

Honors courses are acceptable where available

Pre-requisites: College-ready in Math and English.

2 years of the same foreign language completed in high school  
Students who do not meet these pre-requisites may need to complete additional credits.

\*Once an associate degree is earned, additional courses taken at Tri-C may not be eligible for financial aid. Please see Financial Aid for details.

New collegestudents may be required during their first semester to participate in GEN1070, First Year Success Seminar, a one credit hour course See Tri-C Counselor for details.