

KING SAUD UNIVERSITY  
COLLEGE OF APPLIED MEDICAL SCIENCES  
OPTOMETRY DEPARTMENT

جامعة  
الملك سعود  
King Saud University



كلية العلوم الطبية التطبيقية  
قسم البصريات

# OPTICIANRY TECHNOLOGY PROGRAM HANDBOOK



+966114693537



<https://cams.ksu.edu.sa/en/opto>

## Contents

❑	<b>Vision and Mission of King Saud University.....</b>	<b>2</b>
❑	<b>Department of Optometry and Vision Sciences.....</b>	<b>2</b>
❑	<b>Vision, Mission, and Goals of the Department.....</b>	<b>3</b>
❑	<b>Academic Programs Offered by the Department.....</b>	<b>4</b>
❑	<b>Laboratories, Classrooms, and Clinics.....</b>	<b>5</b>
❑	<b>Teaching Staff Members, Research, and Community Service Activities.....</b>	<b>6</b>
❑	<b>Optometry Student Club.....</b>	<b>7</b>
❑	<b>Student Regulations (KSU).....</b>	<b>8</b>
❑	<b>Guidance and Counselling Services.....</b>	<b>8</b>
❑	<b>Objectives of the Academic Counselling.....</b>	<b>9</b>
❑	<b>Responsibility and Role of the Students.....</b>	<b>9</b>
❑	<b>Students' Rights and Obligations at King Saud University.....</b>	<b>10</b>
❑	<b>Complaints and Grievances.....</b>	<b>10</b>
❑	<b>Committees.....</b>	<b>11</b>
❑	<b>Opticianry Technology Program</b>	
▪	<b>Mission, Vision, and Goals.....</b>	<b>11</b>
▪	<b>Diploma Degree in Opticianry Technology.....</b>	<b>12</b>
▪	<b>Program Learning Outcomes .....</b>	<b>12</b>
▪	<b>Graduate Attributes.....</b>	<b>13</b>
▪	<b>Admission and Registration.....</b>	<b>14</b>
▪	<b>Graduates' Job Description.....</b>	<b>14</b>
▪	<b>Graduate Requirements.....</b>	<b>15</b>
▪	<b>Career Opportunities.....</b>	<b>15</b>
▪	<b>Curricular Plan.....</b>	<b>15</b>
▪	<b>Course Description .....</b>	<b>17</b>

## Vision and Mission of King Saud University

### ***Vision***

Global Leadership and excellence at building a knowledge society

### ***Mission***

To provide distinguished education and produce innovative research that serves the community. Moreover, it contributes to building a knowledge economy by creating an environment that stimulates learning, intellectual creativity, optimal use of technology, and effective local and global partnerships.

### **Strategic Goals**

- Creativity and innovation in scientific research.
- Proficiency in academic programs and their outcomes.
- Contribution to community service and improving the quality of life.
- Supportive and enabling university governance.
- Raising the efficiency of human resources at the university.
- Developing self-revenues.
- Diversification of investment and asset growth.
- Increasing spending efficiency for a sustainable financial future.

## Department of Optometry and Vision Sciences

### ***History***

Optometry and Vision Sciences is one of the academic departments in the College of Applied Medical Sciences (CAMS) at King Saud University, Riyadh, Saudi Arabia. It has been established (in year 1989) to provide leadership in optometric education, practice,

and research and meet the Kingdom's need for qualified specialists with Optometry Doctor Degrees. Optometry doctors (ODs) will therefore raise the level of patient care services in different ways including, but not limited to, screening, diagnosing, and treating ocular conditions and contributing to the scientific and technical progress in the health sectors in Saudi Arabia.

### Vision, Mission, and Goals of the Department

#### ***Vision***

Excellence, leadership, and innovation in optometry and vision sciences.

#### ***Mission***

To prepare qualified, professional, national graduates in the field of optometry and vision sciences and contribute to serving the community by offering various learning programs and contributing to scientific research to the expectation of community, national, and international standards

#### ***Goals***

**Goal 1:** To graduate professionals who are competent and able to provide primary eye care services that are comparable to the best international standards in optometry.

**Goal 2:** Contribute to the Saudi Nationalization of the optometry sector and improve the quality of services provided in light of the Kingdom's vision of 2030.

**Goal 3:** Conduct research using evidence-based methods that contribute to the scientific advancement in the field and serve the community.

**Goal 4:** Collaborate with government institutions and actively participate in community service activities and initiatives to promote eye health and vision awareness.

٤

## Academic Programs Offered by the Department

**The department offers three academic programs:**

1. Opticianary technology program (2 years).
2. Undergraduate program: Optometry Doctor (OD) degree (6 years).
3. Postgraduate program: Master of Science in Optometry (MSc.) (2 years).

### ***Opticianary Technology Program***

The program contributes to the preparation of qualified national technical cadres with a diploma to work in the sector of selling and manufacturing eyeglasses, trained in an educational environment with international standards, encouraging community service and committed to the ethical values of the profession.

### ***Optometry Doctor***

The Optometry Doctor Program offers a comprehensive academic journey, beginning with a joint foundation academic year encompassing English language and health sciences courses. The core of the program unfolds across levels three to ten, comprising specialized Optometry courses. A distinctive feature is the Internship year, providing 12 months of practical training in major hospitals, offering students invaluable hands-on experience in real-world healthcare settings.

### ***Master of Science in Optometry***

The Master of Science program in Optometry contributes to the preparation of leading optometric cadres that can contribute to advancing the educational process, and research projects at universities and research centers. Furthermore, this program provides opportunities to those who have the desire to continue their postgraduate studies (PhD) in the future. The graduates of this program will contribute to clinical skills development

and studies related to the assessment, diagnosis, and management of visual system and vision problems.

---

### **Laboratories, Classrooms and Clinics**

The Optometry department includes more than 70 Optometry clinics, classrooms, and laboratories.

#### **Laboratories**

- Refraction Units lab.
- Optical Coherence Tomography (OCT) Lab.
- Electro-retinography (ERG) Lab.
- Corneal Topography Lab.
- Ultrasound Lab.
- Visual Field Lab.
- Contact Lens Labs.
- Physics Labs.
- Lenses Dispensing Lab.
- Binocular Vision.
- Low Vision.
- Corneal chair lab and electronic microscope lab (for research).

#### **Clinics**

- Primary eye care clinic.
- Binocular vision and vision therapy clinic.
- Low vision and rehabilitation clinic.
- Pediatric eye clinic.
- Contact eye clinic.

- Color vision clinic.

## Teaching Staff Members, Research, and Community Service Activities

### **Teaching Staff Members**

The optometry department includes 9 professors, 10 associate professors, 21 assistant professors, 16 lecturers, 9 demonstrators, 14 optometrists, and 5 opticians.

To explore the teaching staff members, please visit the website of the Optometry Department <https://cams.ksu.edu.sa/en/opto>

### **Research Activity**

60 published papers in the academic year 2022-2023 (More than 1950 citations). To explore the published research papers by the Optometry Department from 2016 up to 2021, please visit the website of the Optometry Department <https://cams.ksu.edu.sa/en/opto>

### **Community Service activities**

- Preparing seminars and public lectures for public education and orientation.
- Organizing and supervising short courses and conferences for various community entities.
- Organizing and supervising field visits by the department staff to the community.
- Organizing and supervising visits to school students to introduce the department's capabilities and attract them to specialization.
- Introducing the department's activities, the competencies and research capabilities of faculty members, and the laboratories and equipment available in the department by giving workshops and various media.

## Optometry Student Club

### ***Vision***

To raise awareness in society through educational initiatives on eye health and vision, deepen the spirit of volunteer work among Optometry Doctor Students, and refine their scientific and practical skills

### ***Mission***

To educate society on the role and importance of Optometry Doctors, increase their awareness of eye health and vision, and prepare a creative and influential generation of Optometry doctors in society.

### ***Goals***

1. To educate the community on the health and safety of the eye.
2. To conduct screening campaigns for early detection of eye problems.
3. To outline the role of an Optometry Doctor

### ***Description of Optometry Student Club***

The Doctor of Optometry Club is a student club that holds students specializing in Optometry. This club carries out volunteer work to serve the community, promote social responsibility, and contribute to the goals of the Kingdom's Vision 2030 in the voluntary and social aspects. The Kingdom aspires to reach a million volunteers by 2030. The Doctor of Optometry Club has achieved many achievements. The most important one was the award of the best student club at King Saud University in the years 2022 and 2023. The club also succeeded at being the first Club to win "The Best Volunteer Work

Award” at the university level. The club won the Best Event Award at the university for the year 2018 with the event "Blindness of Sight, but not Insight"

The role of the Doctor of Optometry Club is not limited to holding volunteer activities and achieving achievements. Rather, the club contributes to enriching the scientific and practical aspects of the students of the Optometry Department in general. It has also contributed to and strengthened the research field by helping to collect samples in field activities. As well as in the clinical field, by referring cases to the clinics of the Department of Optometry at the College of Applied Medical Sciences. The number of club members has reached approximately 300 male and female members from various regions inside the Kingdom, and even from outside.

### [Student Regulations](#)

Student regulations are divided into 8 sections which contain 36 articles. It is the responsibility of the student to explore Student Regulations Articles. Please visit <https://vrea.ksu.edu.sa/ar/node/3037>

### [Guidance and Counseling Services](#)

The main purpose of academic counseling is to facilitate the academic process for each student and to overcome obstacles, on the way, successfully through this important stage of his life. Thus, it is inevitable to appoint a Committee for Academic advising at the division level to regulate the counseling and then appoint a faculty member as an advisor for each grade level, who would be responsible for following up at this level until graduation.

### Objectives of the Academic Counseling

- To facilitate the learning process through the active participation of students and enable them to:
  - Determine the educational objectives appropriate to their abilities and aspirations.
  - Improve their academic skills to overcome academic difficulties facing them.
  - Access academic information and guidance and increase awareness of the university's message, objectives, and regulations.
  - Participate in extra-curricular activities, discovery, and development of talent.
- To study cases of delinquent, and drop-out students and to try to reduce and treat these problems.
- To guide and follow up with students during their study at the university.

### Responsibility and Role of the Students

Students have a central role in the process of academic counseling. They have the responsibility to ask for counseling from the academic counselor. This will assist them in developing study plans and achieving the highest return from academic advising contacts.

The students have to be encouraged to contact their advisors to:

- Tell them the Office Hours of the academic advisor.
- Set a date with the academic advisor, start the contact before each semester, and strive to identify those appointments early.
- Review the college manual, which explains all requirements needed by the department.
- Set a target date for graduation and consult with his/her academic counselor.
- Share with the academic advisor to develop a syllabus with a schedule including what is planned to be studied in the following semester.

- Ask all questions that come to his/her mind. The academic advisor can help when a student has a clear vision of what he/she is planning to do.
- Bear the responsibility for their academic progress. Where advice and guidance are important tools for success. However, a student is primarily responsible for his/her success.

### [Students' Rights and Obligations at King Saud University](#)

Welcome to King Saud University (KSU), where we prioritize our students' well-being, growth, and academic success. As a student at KSU, you are entitled to certain rights that contribute to your overall educational experience. The following link outlines these rights to ensure that you are aware of the support and opportunities available to you during your time at the university:

[https://sa.ksu.edu.sa/sites/sa.ksu.edu.sa/files/attach/lwthyq\\_wlqwd\\_njlyz\\_0.pdf](https://sa.ksu.edu.sa/sites/sa.ksu.edu.sa/files/attach/lwthyq_wlqwd_njlyz_0.pdf)

### [Complaints and Grievances](#)

At King Saud University (KSU), a comprehensive system is in place to address students' complaints and grievances, ensuring a fair and transparent resolution process. This system is designed to foster an environment where students can voice their concerns, seek resolutions, and contribute to the continuous improvement of the university experience. Key components of the system are outlined in the following link:

<https://daleel.ksu.edu.sa/sites/daleel.ksu.edu.sa/files/manuals/%D8%AF%D9%84%D9%8A%D9%84%D8%B4%D9%83%D8%A7%D9%88%D9%8A%D8%A7%D9%84%D8%B7%D9%84%D8%A7%D8%A8.pdf>

### Committees

The Optometry Department at KSU was established with the mission of enhancing the educational experience of optometry students and contributing to the advancement of the field. Comprising experienced faculty members, professional optometrists, and admin staff, several committees have been established and play a crucial role in the functioning and governance of the Optometry Department. This includes the following committees: Curriculum, Development & Quality Assurance, Recruitments, Demonstrators and Lecturers, Postgraduate Studies, Community Services and Continuing Education, Statistics and Information Technology, Strategic Plan, Scientific Research, Academic Advising, Timetables and Examination, Purchasing, and Warehouse, Laboratories and Workplace Safety, Clinical Training, Internship and Graduate Affairs.

## **Opticianry Technology Program**

The Opticianry Technology Program was established in 2022 and was designed to prepare students to be well-trained opticians to design, verify, and fit eyeglass lenses and frames, contact lenses, and other devices to correct eyesight. The program focuses on the technical and practical aspects of vision care.

### Program's Mission

To prepare qualified national technical cadres with a diploma to work in selling and manufacturing eyeglasses, trained in an educational environment with international standards, encouraging community service, and committed to the ethical values of the profession.

### Program's Goals

- To graduate qualified Saudi opticians scientifically and practically as part of the eye care team.
- To serve the community by improving the quality of service in the optical centers in the Kingdom
- To contribute to the Saudi Nationalization of the optician sector and improve the quality of services provided in light of the Kingdom's vision for 2030

### Diploma Degree in Opticianry Technology

The program involves two years (four semesters) in which the students learn the following courses: Principle of Optics, Ophthalmic Materials and Laboratory, Medical Terminology, Introduction to Anatomy and Physiology, Contact lenses, Ophthalmic dispensing, Professional Observation, Professional Field Practice, Theory of Refractive Errors, and Optical Practice Management.

Upon completion of these courses, the students will be awarded a Diploma Degree, This diploma signifies that the graduates have acquired the necessary scientific and practical qualifications in opticianry and are prepared to work in the eyeglasses selling and manufacturing sector.

### Program Learning Outcomes

Domain	PLO Code	PLO description
Knowledge	K1	Demonstrate language proficiency using related medical terminologies and communicate effectively in a level-appropriate academic and professional setting.
	K2	Describe the anatomy and physiology of the basic organ system, with special emphasis on the ocular and visual system.

	<b>K3</b>	Recognize the essential principles and concepts of optics and physical properties of ophthalmic lenses, the aetiology of ocular refractive errors, and their management.
	<b>K4</b>	Explain the fundamentals of different types of ophthalmic lenses, refraction, fabrication, principles of ophthalmic dispensing, and repair of prescribed ophthalmic eyewear with various manufacturing techniques.
	<b>K5</b>	Identify the concepts of strategic marketing and elements of the marketing mix in the field of optometry.
<b>Skills</b>	<b>S1</b>	Demonstrate professional English written and oral communication and learning skills in academic and workplace professional
	<b>S2</b>	Solve broadly defined formulas used in visual optics, parameters of contact and spectacle lenses, and ophthalmic dispensing systems.
	<b>S3</b>	Perform ophthalmic projects that include identification, location, and fabrication of prescription ophthalmic eyewear.
	<b>S4</b>	Interpret and dispense a prescription using the proper lens, spectacle design, and materials to meet patients' needs.
	<b>S5</b>	Observe the skills and techniques demonstrated by a licensed optician in an affiliated optometric practice.
	<b>S6</b>	Apply academic, clinical, and technical skills under supervision in a professional setting
<b>Values</b>	<b>VI</b>	Develop successful project management skills such as responsibility, working independently and as part of a team, and time and stress management.

### Graduate Attributes

No.	Graduate Attributes (GAs)	NQF learning domains
<b>GA1</b>	Depth of specialized knowledge	<b>Knowledge and understanding</b>
<b>GA2</b>	Critical thinking	<b>Skills</b>
<b>GA3</b>	Effective communication	
<b>GA4</b>	Integrity and professional ethics	<b>Values</b>
<b>GA5</b>	Initiative and Adaptation	
<b>GA6</b>	Lifelong learning	

### Admission and Registration

Admission requirements are per Article 3 of the regulations for study and examinations for the undergraduate stage that are approved by the University Council based on the recommendation of the College Council in the year of application.

Admission of new students to the university requires that:

- The applicant must have a high school certificate or its equivalent, obtained either within or outside the Kingdom.
- The high school certificate or equivalent must have been attained within the past five years. Exceptions to this condition may be made by the University Council for valid and convincing reasons.
- The applicant must have a record of good conduct and behavior.
- The applicant must successfully pass any tests or personal interviews required by the University Council.
- The applicant must meet the necessary medical fitness standards.
- If employed by a government or private organization, the applicant must secure official approval from their employer to pursue their studies.
- The applicant must fulfill any additional requirements specified by the University Council, which will be announced at the time of application.

**KSU applies tuition fees for registration.** To apply for the Opticianry Technology Program at the Optometry Department at King Saud University, visit the [KSU electronic portal](#) to view the requirements and application timeline.

### Graduates' Job Description

- Help customers to select appropriate eyewear.
- Dispense different types and forms of spectacles and contact lenses.

- Marketing spectacles, contact lenses, and other optical appliances.
- Adjust and repair spectacles frames.
- Manage the optical shops and optical labs.
- Supply spectacles, contact lenses, and other optical appliances.
- Control the quality of lens surfacing or eyewear glazing.

### Graduates Requirements

Students need to complete 20 courses over 4 semesters (2 academic years). The 20 courses consist of 63 credit hours.

### Career Opportunities

The expected future career opportunities for students enrolled in the Optometry Optician Program are in Optical centers, shops, and factories

### Curricular Plan

#### **FIRST-YEAR**

##### **First Semester:**

OPTI 1101: Principles of Optics I – 3 credit(s)

OPTI 1102: Ophthalmic Materials and Laboratory I - 3 credit(s)

OPTI 1103: Medical Terminology – 1 credit(s)

OPTI 1104: Introduction to Anatomy and Physiology - 2 credit(s)

##### **Second Semester:**

OPTI 1201: Principles of Optics II - 3 credit(s)

OPTI 1202: Ophthalmic Materials and Laboratory II - 3 credit(s)

OPTI 1203: Contact Lenses I - 2 credit(s)

OPTI 1204: Ophthalmic Dispensing I - 3 credit(s)

OPTI 1205: Professional Observation - 2 credit(s)

## SECOND-YEAR

### **First Semester:**

OPTI 1301: Professional Field Practice I – 6 credit(s)

OPTI 1302: Ophthalmic Materials and Laboratory III – 3 credit(s)

OPTI 1303: Contact Lenses II – 2 credit(s)

OPTI 1304: Ophthalmic Dispensing II – 3 credit(s)

OPTI 1305: Theory of Refractive Errors – 2 credit(s)

### **Second Semester:**

OPTI 1401: Professional Field Practice II – 8 credit(s)

OPTI 1403: Optical Practice Management – 2 credit(s)

OPTI 1404: Ophthalmic Dispensing III – 3 credit(s)

---

## **Course Description**

***OPTI 1101: Principles of Optics I – 3 credit(s)***

An entry-level course introduces the student to fundamental principles and properties concerning basic optics and properties of light. The course includes lectures and laboratory studies containing formulas and exercises used in basic physical, and optical concepts of the eye and ophthalmic lenses, including reflection, refraction, absorption, and transmission. Also, the necessary math formulae required to problem-solve in this specific area are taught in this course.

***OPTI 1102: Ophthalmic Materials and Laboratory I - 3 credit(s)***

This course introduces the theory and application of ophthalmic lenses and refraction. It explains spherical lens design, fundamental aspects of cylindrical lenses, spherocylinder lens design, and toric lenses. Additionally, this course introduces students to the laboratory concepts involved in identifying the location, and fabrication of prescription ophthalmic eyewear. Emphasis is placed on single-vision physical and optical lens characteristics, physical frame, and design characteristics including lens materials, index of refraction, spherical, cylindrical power, and axis location. In addition, lens power transposition, lens cross, ophthalmic standards, diopter power formula, focal length, total lens power, and relationship of radius of curvature and index of refraction will be covered. Upon completion, students should be able to duplicate lenses, use basic formulas, and identify materials and procedures used in fabricating safely prescription lenses to specifications.

***OPTI 1103: Medical Terminology – 2 credit(s)***

This course explores the root words, suffixes, and prefixes of the vocabulary used in the optical centers and optical labs, and that are used in the ophthalmic field. Students learn to spell, define, and pronounce common medical terms in the field.

***OPTI 1104: Introduction to Anatomy and Physiology - 2 credit(s)***

This course enables students to understand the anatomy and physiology of the human body systems, especially the different ocular structures and their physiological functions with their applied anatomy. This knowledge of the anatomy and physiology of all ocular structures will help them in advanced courses and clinical practice.

***OPTI 1201: Principles of Optics II - 3 credit (s)***

This course introduces most of the physiological conditions affecting the eye and the prescriptions to manage them. Also, this course enables the students to apply different mathematical formulae used in the description of the lens power, equivalent power, compensative and effective lens powers, and back and front vertex powers of a prescribed lens. Optical lens focal lengths are discussed to understand where and how an image is focused on the retina before and after the corrective lens has been applied.

***OPTI 1202: Ophthalmic Materials and Laboratory II - 3 credit(s)***

This course explores the laboratory concepts involved in identifying the location and fabrication of prescription ophthalmic eyewear. Emphasis is placed on the calculated effects of the prism using a single vision lens power and achieving prism through the centration of optical centers. Identifying various ophthalmic lens-manufacturing techniques of factory finish, surfacing and casting methods to achieve lens powers, sphere and toric base curves will be covered. Multifocal lens and progressive lens characteristics are introduced including powers, design, material, lens profiles, lens blank size, frame size, and patient pupillary distance. The laboratory component focuses on the practical aspect of

identifying, measuring, and fabricating ophthalmic projects that require wanted prism and fabrication of multifocal lens designs that incorporate patient distant and near pupillary distances.

***OPTI 1203: Contact Lenses I - 2 credit(s)***

The student reviews the structure and physiology of the cornea as it relates to contact lens wear followed by a study of the history and development of soft contact lenses, physical characteristics of various types of contact lenses, comparison of contact lens materials, and contact lens brand. The practical part develops skills in radioscope, profile analyzer, diameter and thickness gauges, using the lensometer, modalities of contact lens wear, and methods of cleaning and storage of contact lenses.

***OPTI 1204: Ophthalmic Dispensing I - 3 credit(s)***

An introductory course was designed to develop the student's basic theoretical and hands-on clinical skills in preparation for patient care and service in an operational environment. Topics include lens and frame styles and materials, lens treatments, optical measurements, spectacle verification, frame repair and adjustment, and procedural systems in optical centers. Patient reception in optical centers, and providing assistance and technical support.

***OPTI 1205: Professional Observation - 2 credit(s)***

In this course, students visit any affiliated optometric practice of their choice for an observational period with the department coordination.

***OPTI 1301: Professional Field Practice I – 6 credit(s)***

Upon completing all Semester 1 and Semester 2 courses, students can apply academic learning in a workplace setting for two days per week. In this course, students will work under the direct supervision of a registered Optician.

***OPTI 1302: Ophthalmic Materials and Laboratory III – 3 credit(s)***

This course covers the various ophthalmic lens manufacturing techniques of factory finish, surfacing, and casting methods to achieve lens powers. Also, this course covers the advanced theoretical didactic and practical concepts used in the selection, identification, location, and fabrication of eyewear prescriptions. Emphasis is placed on special procedures used in the material and fabrication of rimless, semi-rimless, nylon suspension and drill-mounted lenses. Repairs and customization of frames are also covered.

***OPTI 1303: Contact Lenses II – 2 credit(s)***

This course covers the theory and concepts of hard and toric contact lenses. Also, this course introduces the concepts of scleral lenses, keratoconus, presbyopia, extended wear and disposables, therapeutic lenses, and pediatric contact lenses. In addition, the practical part enhances skills development in radiuscope, profile analyzer, diameter and thickness gauges, lensometer, modalities of contact lens wear along with cleaning and storage.

***OPTI 1304: Ophthalmic Dispensing II – 3 credit(s)***

This course covers factors that affect ophthalmic prescription, such as vertex distance, lens tilt, and magnification. The design and application of multifocal lenses are covered. Anatomical and physiological landmarks of the eye are discussed, and the fitting triangle is developed and detailed.

***OPTI 1305: Theory of Refractive Errors – 2 credit(s)***

This course covers the refractive status of the eye. Topics include prevalence, etiology, types, causes, symptoms, and treatment of ocular refractive errors.

***OPTI 1401: Professional Field Practice II – 8 credit(s)***

Upon completing the professional field practice, students can apply academic learning in a workplace setting for two days per week. In this course, students will work under the direct supervision of a registered Optician/optometrist.

***OPTI 1403: Optical Practice Management – 2 credit(s)***

This course helps the student to understand and carry out the responsibilities assigned in today's optical centers. This course covers the necessary skills for a successful business, including teamwork, team building, professionalism, customer service optically, and financially, managing time and stress, in addition to business ethics.

***OPTI 1404: Ophthalmic Dispensing III – 3 credit(s)***

---

This course provides lifestyle dispensing considerations to meet the patient's eyewear needs and analyze complex prescriptions. The information presented will enable the students to determine proper lens design recommendations for a patient's occupational and avocational needs. Lens extras, such as absorptive tints and coatings will be discussed and trained.

---