

OPT-1100: INTRODUCTION TO OPTICAL TECHNOLOGY

Cuyahoga Community College

Viewing: OPT-1100 : Introduction to Optical Technology

Board of Trustees:

January 2024

Academic Term:

Fall 2024

Subject Code

OPT - Optical Technology

Course Number:

1100

Title:

Introduction to Optical Technology

Catalog Description:

Introduction to Cuyahoga Community College community and skills necessary for academic and professional success. Topics include personal responsibility, motivation, time management, and study skills. Overview of ophthalmic professions.

Credit Hour(s):

1

Lecture Hour(s):

1

Requisites

Prerequisite and Corequisite

None.

Outcomes

Course Outcome(s):

Explain the qualities of being a successful college student.

Objective(s):

1. Identify and practice effective study skills.
2. Demonstrate an understanding of college policies, student responsibilities, and student rights.
3. Discuss and develop time management skills.
4. Review emotional well-being.

Course Outcome(s):

Explain the qualities of being a successful ophthalmic professional.

Objective(s):

1. Identify and practice professional behavior.
2. Discuss expectations of professional behavior in a patient care setting.
3. Review and develop effective communication skills.

Course Outcome(s):

Describe the ophthalmic professions.

Objective(s):

1. Describe ophthalmology and ophthalmic personnel.
2. Describe optometry.
3. Describe opticianry.

Course Outcome(s):

Identify dimensions of cultural competence.

Essential Learning Outcome Mapping:

Cultural Sensitivity: Demonstrate sensitivity to the beliefs, views, values, and practices of cultures within and beyond the United States.

Objective(s):

1. Define cultural competency.
2. Identify a minimum of four dimensions of diversity.
3. Discuss how disparity in healthcare impacts the ophthalmic professions.

Course Outcome(s):

Describe the Optical Technology program application process.

Objective(s):

1. Identify the program admission requirements.
2. Discuss background check process.
3. Discuss health requirements for nursing and allied health programs.

Methods of Evaluation:

1. Student participation
2. Quizzes, examinations
3. Classroom activities and assignments

Course Content Outline:

1. Introduction to college education
 - a. Classroom and clinical expectations
 - b. Terminology that pertains to ophthalmic coursework
 - c. Course syllabus
2. Developing a compelling "why"
3. Academic skills
 - a. Class and clinical site attendance
 - b. Communicating with the instructor and clinical site supervisor
 - c. Time management techniques
 - i. Effective use of time
 - ii. Goal setting
 - d. Study skills specific to ophthalmic coursework
 - i. Critical thinking skills necessary for ophthalmic professions
 - ii. Test-taking skills specific to standardized credentialing examinations
4. Life skills
 - a. Setting goals
 - b. Resolving conflicts
 - c. Working in teams
 - d. Caring for your health
 - e. School-life balance
5. Ophthalmic professions

- a. Ophthalmology
- b. Optometry
- c. Opticianry
- 6. Professional behavior
 - a. Attendance and punctuality
 - b. Reliability and accountability
 - c. Attitude and enthusiasm
 - d. Hygiene
 - e. Boundaries
 - f. Inappropriate behavior
- 7. Diversity
 - a. Dimensions of diversity
 - b. Working on a diverse team
 - c. Diversity and direct patient care

Resources

Bain, Ken. *What the best college students do*. Belknap Press, 2023.

Byrd, Marilyn and Chaunda Scott. (2018) *Diversity in the workforce: Current issues and emerging trends*, Routledge.

Covey, S.R., Collins, J., Covey, S. *The 7 Habits of highly effective people*. 30th anniversary edition. Simon and Schuster, 2020.

Downing, S., & Brennan, J. *On course: Strategies for creating success in college and in life*. 9th ed. Cengage Learning, 2019.

Zakrajsek, T. *The new science of learning: How to learn in harmony with your brain*. 3rd ed. Stylus Publishing, 2022.

Resources Other

1. Cuyahoga Community College. (n.d.). *College catalog*. <https://www.tri-c.edu/college-catalog/index.html> (<https://www.tri-c.edu/college-catalog/>)
2. Cuyahoga Community College. (n.d.). *Counseling center*. <https://www.tri-c.edu/counseling-center/index.html> (<https://www.tri-c.edu/counseling-center/>)
3. Cuyahoga Community College. (n.d.). *Library*. <https://www.tri-c.edu/learning-commons/library/index.html> (<https://www.tri-c.edu/learning-commons/library/>)
4. Cuyahoga Community College. (n.d.). *Multicultural center*. <https://www.tri-c.edu/student-life/multicultural-centers/index.html> (<https://www.tri-c.edu/student-life/multicultural-centers/>)
5. Cuyahoga Community College. (n.d.). *Online learning*. <https://www.tri-c.edu/online-learning/index.html> (<https://www.tri-c.edu/online-learning/>)
6. Cuyahoga Community College. (n.d.). *Student handbook*. <https://www.tri-c.edu/student-resources/student-handbook.html>
7. Cuyahoga Community College. (n.d.). *Student engagement*. <https://www.tri-c.edu/student-life/index.html> (<https://www.tri-c.edu/student-life/>)
8. Cuyahoga Community College. (n.d.). *Student financial aid and scholarships*. <https://www.tri-c.edu/paying-for-college/financial-aid-and-scholarships/>
9. Cuyahoga Community College. (n.d.). *Student resources*. <https://www.tri-c.edu/student-resources/student-handbook.html>
10. Cuyahoga Community College. (n.d.). *TRIO programs* <https://www.tri-c.edu/trio-programs/index.html> (<https://www.tri-c.edu/trio-programs/>)
11. Cuyahoga Community College. (n.d.). *Tutoring services*. <https://www.tri-c.edu/tutoring/>
12. Cuyahoga Community College. (n.d.). *Veteran and military connected services*. <https://www.tri-c.edu/veterans/index.html> (<https://www.tri-c.edu/veterans/>)
13. Cuyahoga Community College. (n.d.). *Writing center*. <https://www.tri-c.edu/community/community-services/writing-center.html>

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