

BOSTON REED COLLEGE®
Allied Health Training Programs
Official Course Outline

Optometric Technician

Goals and Purpose: Upon successful completion of course, the student will receive a certificate of completion from Boston Reed College. This program was designed to provide, thorough didactic and practical instruction, training to prepare participants to work as Optometric Technicians, Optical Assistants or Ophthalmic Technicians under the supervision of licensed eye care professionals. Didactic lectures cover the theory, anatomy and terminology pertaining to the eye. Practical instruction provides hands-on training in the listed procedures verified through a skills check-off system. Graduates can take the optional Certified Paraoptometric Examination (CPO) offered by the American Optometric Association (AOA.)

Outcomes and Objectives:

At the end of the course the participant will be able to:

1. Identify structures of eye.
2. Describe the physiological mechanisms of the eye.
3. Contrast the differences between Ophthalmology, Optometry and Opticianry.
4. Perform mathematical calculations common in the optical field.
5. Describe the theory of light.
6. Read and interpret an optical prescription.
7. Adjust eyeglass frame to meet the need of the client.
8. Complete eyeglass frame repairs.
9. Demonstrate the use of optical devices.
10. Demonstrate use of lensometer to determine prescriptions of existing lenses.
11. Complete a lifestyle analysis with a client.
12. Demonstrate selling techniques for multiple pairs of glasses and lens add-ons.
13. Demonstrate lens neutralization.
14. Demonstrate skill in goal-setting, organization, note-taking, and test-taking.
15. Complete externship requirements including physical exam, TB test, CPR, basic computer proficiency.
16. Use communication strategies associated with quality customer service.
17. Draft a resume that clearly communicates one's value to an employer.
18. Contrast effective communication approaches for dealing with people.
19. Use active listening, mirroring and parameter-setting to participate effectively in difficult conversations (criticism, bad news, etc.)
20. Describe and apply several strategies for managing stress on the job, at school, at home.

Instructional Units/Hours of Instruction:

<i>Topic.....</i>	<i>Hours</i>
1. Introduction and Anatomy of Eye and Theory of Optics	35
2. Prescription Analysis	18
3. Frame Adjustment, Repair, and Fitting.....	35
4. Lensometry and Verification	35
5. Insurance Interpretation	17
	<i>Total Hours – 140</i>

Instructional Strategies:

- Lecture
- Laboratory Techniques
- Demonstration
- 1 on 1 Instruction
- Individualized Study
- Small Group Discussions
- Large Group Discussions
- Independent Research
- Externship

Methods of Evaluation:

- Pre and Post Tests
- Class Discussion
- Testing and Quizzes
- Oral Exam
- Performance Levels Reports
- Observation
- Assignments
- Self Evaluation
- Re-demonstration
- Final Exam

Course Repetition:

If the student does not achieve at least 80 percent in the course he or she should repeat the course until that objective has been achieved.

For Adult Education Centers as appropriate:

A-22 Title: Health, Science, and Medical Technology - Support Services

A-22 Number:

Approvals: Board of Education ___/___/___

CSDE ___/___/___