

THE FOLLOWING ACTIVITIES ARE PROHIBITED:

✗If there is no Licensed Dispensing Optician in the store, an apprentice may not dispense optical aids.

✗Any person practicing optical dispensing whom is not:

✓An Ohio Licensed Dispensing Optician;

OR

✓Registered as an apprentice;

OR

✓Exempted by law

is working illegally and may be subject to prosecution.

PERSONS EXEMPTED BY LAW

→Any physician licensed by the state medical board and engaged in the practice of Ophthalmology, or persons in the employment and under the supervision of a physician at his office.

→Licensed Optometrists, or persons in the employment and under the supervision of an Optometrist at his office.

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Ohio Optical Dispensers Board



GUIDELINES FOR APPRENTICE OPTICIANS

☞ **APPRENTICE** means any person registered with the Ohio Optical Dispensers Board who is dispensing optical aids under the direct supervision of a Licensed Dispensing Optician.

☞ **DIRECT SUPERVISION** means only Ohio Licensed Dispensing Opticians may directly supervise registered apprentices while engaging in dispensing optical aids.

☞ **REGISTRATION** means any person hired to perform the duties of an apprentice optician must register within **30 days** of their hire date.

☞ **RENEWAL** means registered apprentices must renew their registration, on the form provided by the Optical Dispensers Board office, annually by July 1st with the Ohio Optical Dispensers Board and pay a \$10.00 registration fee.

☞ **IDENTIFICATION** means registered apprentices must wear an identification badge that states their full name and identifies them as an apprentice optician. In addition, registered apprentices must display their registration card at their place of employment.

☞ **REGISTERED TIME** means only registered time will count towards the two-year requirement to apply for an Optical Dispensers license. However, if you have a spectacle license and are a contact lens apprentice, the Board will count your spectacle license as one of the two years required.

*TOPIC OF STUDY AND AREAS OF
TRAINING FOR APPRENTICE
OPTICIANS*

- Use a manual & automatic lensometer
- Locate and identify the axis of a lens
- Determine center thickness of a lens
- Use a pupilometer and P.D. ruler
- Determine customer's reg. & monocular P.D.S.
- How to determine lens decentration
- Check for vertical & lateral prism
- Know when slab-off prism is indicated
- How to use a lens clock
- How to check + & - curves w/lens clock
- Check for lens warpage w/lens clock
- How to determine frame measurements
- How to check A. - B. & ED of a frame
- What is vertex & effect on vision
- How to measure vertex distance
- Know different multifocal styles
- What is pantoscopic/retroscopic tilt?
- How does this tilt affect customers' vision?

LENS TYPES AND MATERIALS

Knowledge of glass plastic, polycarbonate and high index lenses.

The advantages and disadvantages of each type material and center thickness available.

Know the different segment styles available.

Knowledge of tints and coatings available for each different type of material.

Specialty tints available, such as transitions, photogrey, photosun, etc.

Know about U.V. coating, how it protects and how to check a lens for the coating.

FITTING THE CUSTOMER

How to determine frame size & temple length.

How to determine bridge style and size.

How to raise/lower O/c for best visual acuity.

Measure p/v & p/h on progressive multifocals.

Measure reg. seg hts. and how to use them.

Explain proper care & treatment of lens.

SAFETY FRAMES AND LENS

Who is O.S.H.A.? What are safety glasses?

What are the A.N.Z.I. Standards?

What is a safety lens and how does it differ from a regular lens? How to identify a safety frame & lenses.

What are thickness requirements on lenses?

CONTACT LENSES

Have full working knowledge of the keratometer.

How to use a lens thickness gauge.

How to use V channel gauge for diameter.

How to measure corneal diameter with a P.D. ruler.

How to evaluate the fit of a contact lens.

How to evaluate the Rx of a rigid contact lens

How to evaluate and deal with emergency situations

Reference Books for Apprentice Study

OPTICAL FORMULAS (Tutorial)

Available: Opticianry Program Director

Durham Technical Community College

1637 E. Lawson St.

Durham, NC 27703

(919)686-3448

PROFESSIONAL DISPENSING (OAA)

Available: Opticians Association of America

10341 Democracy Ln.

Fairfax, VA 22030-2521

(703)691-8355

CONTACT LENS MANUAL & TEST REVIEW FOR CONTACT LENS TECHNICIANS

Available: Contact Lens Society of America

441 Carlisle Dr.

Reston, VA 20170

(703)437-5100