

# 2022 CLASS DESCRIPTIONS

## **Michael Gatti**

### Lensology: A Lens Review

*2 hours ABO or NCLE Technical II*

This course introduces opticians to eyeglass lens basics. Anatomy of the eye as it relates to the light refraction and focusing be reviewed, along with a discussion of refractive errors, accommodation and presbyopia. Lens designs required to correct each type of refractive error will be discussed, including how each design brings light to focus on the retina. This course also covers lens materials, manufacturing, surfacing and edging, as well as frame selection and fitting tips and techniques.

## **Judith Boyer Lew LDO, ABO-C**

### Delivering Durability Like Never Before for No-Glare lens wearers with the new Crizal® Rock™ lens

*Technical Lv 2*

Consumer need always drives ophthalmic innovations. In this training, you'll further understand this need and how it shaped the innovation process and technical advancements that have been integrated into Crizal® Rock™.

### Understanding Personality Types

*Technical Lv 1*

Communication is the key to having an efficient and better work atmosphere within an ECP practice. By being able to communicate effectively within an office, patients can be assured of an increase in the quality of their care and experience. This also promotes a more professional atmosphere to increase the development of the individual staff member.

### Fundamentals of Progressive Lens Design

*Technical Lv 2*

With well over 100 distinct progressive lens designs available to the practitioner, it can be difficult to identify and measure design characteristics and their impact on real-life vision. This course lays out the fundamental optical and physiological principles a well-functioning PAL must respect, as well as the unwanted side-effects created when those principles are transgressed

## **Bob Alexander**

### The Anti-Fatigue Lens Opportunity

*1 hour ABO Technical Level II*

This course will provide the dispensing optician with the knowledge to confidently define digital eye strain (DES) and recognize its symptoms, summarize the physiology of DES, differentiate DES from presbyopia, and apply a proper spectacle lens solution.

### Uncommon & Complicated Case Reports in Trouble Shooting

*1 hour ABO or NCLE Technical Level III*

This course will provide opticians the information needed to recall the S.O.A.P (Subjective, Objective, Assessment, Plan) process for proper troubleshooting steps; apply new and/or standard troubleshooting techniques to uncommon and/or complicated trouble shooting of spectacle lens issues; and react confidently to unique situations posed in the troubleshooting process by presentation and discussion of case study reports experienced in the optical dispensary.

### Night Vision

*1 hour ABO or NCLE Technical Level III*

This course will give opticians the knowledge base needed to discuss night vision and dark adaptation with their patients. The basic biology of the eye, visual pigment and photoreceptors in the retina responsible for night vision will be discussed. Advice that opticians can share with their patients regarding optimizing and protecting their night vision will be provided.

## **Randy Smith**

### Optical Formulas

This one hour course will review Optical Formulas that are commonly used by opticians. The formula, a sample question and the theory of the formula will be presented. A basic understanding of the metric system as it relates to eyewear and patient measurements will also be reviewed.

### Refractive Errors, Anomalies and Diseases of the Eye

At the completion of this course, the attendee should be able to:

- Identify and list refractive errors of the eye
- Have a basic understanding of some anomalies and diseases of the eye
- Discuss how certain anomalies and diseases will affect a patient's vision

## **Andy Bangert**

### Basic Lensometer

*2 ABO Limit 16*

Understand the parts and functions of the lensometer and how to verify prescriptions.

### Advanced Lensometer

*2 ABO Limit 16*

Understand with a high level of proficiency difficult prescriptions, verify prescriptions with prism, bicentric grind (slab-off) and understand equi-thinning as applied to both progressive and bifocal lenses.