



AUSTRALIAN COLLEGE OF
OPTOMETRY

CLINICAL SERVICES • RESEARCH • EDUCATION

AUSTRALIAN
COLLEGE OF
OPTOMETRY
ADVANCED
CERTIFICATE
IN CHILDREN'S
VISION

ACO-ACCV



ABOUT THIS CERTIFICATE

Join the Australian College of Optometry's well received Advanced Certificate in Children's Vision 2020 cohort! This online Certificate is a highly focused and clinically advanced course following an evidence-based approach. In this course you will learn the most up-to-date evidence-based clinical practices in paediatric optometry. This valuable knowledge will enable you to confidently analyse, diagnose, and manage your paediatric patients.

You'll also experience the more interactive elements of our blended learning framework including the opportunity learn valuable clinical and tacit knowledge through paediatric optometrists and ophthalmologists in your area and through active, educator led forum discussions with your peers, enabling you to learn from each other collaboratively, through a shared experience base. You'll also be introduced to many tools and resources that will provide you with the skills to extend your clinical capabilities.

WHAT THIS COURSE COVERS

This 6 month Certificate course from the ACO is a blended learning experience, which means that you learn the theory from the convenience of your home via online lectures with a full academic reading list supplied. You will be assessed with a mix of conventional exams, written case reports, case studies which require diagnosis and management and forum discussion participation. You will also undertake valuable clinical placements with the ACO's full support. By the end of this course you will possess a rigorous and extensive knowledge base which will greatly enhance your service provision to your patients.

												
<table><thead><tr><th></th><th>AUS (Inc GST)</th><th>NZ (Ex GST)</th></tr></thead><tbody><tr><td>ACO Member</td><td>\$2,453</td><td>\$2,230</td></tr><tr><td>ACO Non Member</td><td>\$3,135</td><td>\$2,850</td></tr></tbody></table>		AUS (Inc GST)	NZ (Ex GST)	ACO Member	\$2,453	\$2,230	ACO Non Member	\$3,135	\$2,850	6 months	CPD Points	Post nominals upon completion of the course
	AUS (Inc GST)	NZ (Ex GST)										
ACO Member	\$2,453	\$2,230										
ACO Non Member	\$3,135	\$2,850										



WHAT YOU'LL LEARN

This online course integrates online lectures, journal articles, collaborative learning through a communal discussion forum and other e-learning activities including case study testing and written case reports. The following modules contribute to the learning road map.



I enjoyed this course and found it very useful as I had limited experience in the field of children's vision. I now have included vergence and accommodation testing as part of my normal examination.

– Russel Hunter



MODULE 1

Welcome and Introduction

Our Course Director guides you through:

- Course philosophy
- Assessment expectations
- How to appraise the academic literature
- Explains further what is blended learning, and
- The current paradigms in best practice clinical learning

MODULE 2

Paediatric Optometry- A basic Overview

This module brings you up to speed with the basics including:

- A review of paediatric ocular refractive outcomes from large scale public health studies
- What constitutes normal in infants and children?
- How to conduct a paediatric history assessment
- Useful tips and tricks for modifying testing to suit certain age groups
- How paediatric optometry sits within the interdisciplinary care environment

MODULE 3

Diagnosis and Management of Binocular Vision Disorders

- Learning about accommodation and convergence
- How to assess phorias, functional ranges and near points of accommodation and convergence
- Be able to diagnose and manage common accommodation and convergence disorders in children
- Understand evidence based clinical approaches and vision therapy for accommodative and vergence disorders

MODULE 4

Amblyopia and its management

- Learn the underlying motor and sensory testing of children with esotropia including the association of high refractive error
- Learn how to assess amblyopia comprehensively
- Understand the management of esotropia with lenses and prisms
- What are the pharmacological treatments of amblyopia?
- Contrasting the different managing approaches (ie. patching or atropine?)
- Developing a personalised patient management regime
- When is it appropriate to refer a patient and how best to communicate outcomes?
- Managing patients post-strabismus surgery
- Discuss conclusions from the BRAVO study- ie. binocular treatment for amblyopia using videogames

MODULE 5

Strabismus

- A lecture by a senior orthoptist at the Royal Children's Hospital who gives her approach to clinical assessments of children with strabismus
- Understanding optometric assessment and management of strabismic patients
- Learn incomitances in paediatric patients and treatments
- Learn about sensory fusion, stereopsis and the relationship to motor fusion
- Learn about anomalous correspondence and eccentric fixation
- Understand the importance of early treatment and impacts in delay in treatment
- Ophthalmologist perspective and considerations in incomitant strabismus



Children's vision is an important specialty that requires particular skills and knowledge, that this course provides

– Amanda Lea



MODULE 6

Nystagmus

- Learning about different types of childhood nystagmus
- Recognising the differentiating features of congenital nystagmus
- Understanding the treatment options in congenital nystagmus

MODULE 7

Assessing the Evidence Base behind Vision Therapy

- Understanding why 'The Convergence Insufficiency Treatment Trial' is an excellent case study of an 'ideal evidence base'
- Learn about the neurological mechanisms of eye movements and the evidence behind training saccadic eye movements
- Learn the principles behind designing an effective visual perceptual therapy program (VT)
- Discussing the limits of vision therapy and when to refer to other health professionals

MODULE 8

Learning Related Vision Problems

- Understanding childhood development, why developmental normal benchmarks are important and a brief overview of the milestones
- Discuss how ametropia and BV anomalies can affect BV learning
- Optometric management in learning related vision problems
- Learn how to define intellectual disability
- Understand how to manage special populations ie. What to watch out for with Autistic patients, cerebral palsy, Down's syndrome, Fragile X syndrome, ADHD and neurofibromatosis patients
- An ophthalmological discussion on learning disabilities including an exploration on the evidence base for treatments and areas of controversy

MODULE 9

Visual Perception

- Understanding visual perception as investigated by optometrists and how this interlinks with areas assessed by other professionals
- Learn the importance of appropriate visual development for achieving adequate levels of education
- Learn how to assess visual perception
- Understand when vision therapy intervention will be helpful

MODULE 10

Management of Paediatric Ocular Diseases

- Learn anterior and posterior segment diseases in the paediatric population
- How paediatric glaucoma is managed
- Managing patients who have had surgery for congenital cataracts

MODULE 11

Myopia Control and Management

- The epidemiology and forecasted burden of myopia between now and 2050
- Learn about the long term risks associated with high myopia
- Learn about the aetiology and risk factors of myopia from both animal models and clinical trials
- Learn about different myopia management strategies that can delay or slow myopia progression including optical, pharmacological and environmental/lifestyle modifications
- How to apply this evidence based knowledge in your clinic



WHO YOU'LL LEARN FROM

We have partnered with some of the best clinicians (spanning optometry, ophthalmology, orthoptics, educational psychology) and academics in each field to provide you with the best possible learning experience including: Dr Anu Matthew, Elisse Higginbotham, Dr Monica Jong, Professor Vicki Anderson, Dr Nellie Deen, Peter Nixon, Danny Chew, Paul Croucher, Francois Rateau, Dr Tina Gao, Dr Lisa Hamm, Cathy Lewis and Dr Lionel Kowal.

OUR SUPPORT TEAM

Head Tutor

A subject expert who can help you through content related challenges

Support team

Our administrators are available to help you with any issues technical or otherwise

MORE ON THE AUSTRALIAN COLLEGE OF OPTOMETRY

The Australian College of Optometry is a not-for-profit organisation that has been educating and training optometrists since it was founded in 1939. We have evolved our education to support the continuous learning needs of optometrists nationally and, on a case-by-case basis, internationally. The mission of the Australian College of Optometry is to promote the visual health and well-being of the communities it serves by leading the profession to build its knowledge base, attain and advance clinical skills and deliver the best possible optometric care.

AUSTRALIAN COLLEGE OF OPTOMETRY, CERTIFICATE OF COMPLETION

Upon successful completion of the course, you'll receive a certificate of attendance from the Australian College of Optometry as proof of the enhanced skills and knowledge base you have developed. In order to be issued with an Advanced Certificate you will need to meet the requirements outlined in the course Handbook. The handbook will be made available to you as soon as you begin the course. If you require the assessments beforehand, contact us directly. Your certificate of completion will be issued in your legal name and delivered to you at no additional cost.



I enjoyed interacting on the forums. Overall, this course offered an excellent learning process for those interested in children's vision

– Steven Ngo



TECHNICAL REQUIREMENTS

You will need a current email account and access to a computer and the internet. You should be familiar with using a computer and accessing the internet, as you may need to be able to read documents in Adobe PDF Reader, view Microsoft PowerPoint presentations, and read and create documents in Microsoft Word. In addition, you will need to install Adobe Flash Player to view the video lectures, resources and activities available in each course module. Both Adobe applications are available for download.

BROWSER REQUIREMENTS

We recommend that you use Google Chrome as your internet browser when accessing the course. Although this is not a requirement, we have found that this browser performs best for ease of access to course material. It is free to download.

WITHDRAWAL FROM THE COURSE AND FEE REFUND

- Notification of a candidate's intention to withdraw must be made in writing.
- Candidates will receive a full refund for withdrawals received 1 week prior to the course commencement, less \$250 administration fee.
- Fees will not be refunded for withdrawals received after the course commencement.



COURSE ENQUIRIES

For all other information please contact:

Education Division
Australian College of Optometry
374 Cardigan Street, Carlton VIC 3053

 +61 3 9349 7477

 cpd@aco.org.au

 www.aco.org.au/professional-development/accv



*This was a great
experience.
I learned a lot*

—Divya Kirubaharan



2020 Application for ACO Advanced Certificate in Children's Vision (ACO-ACCV)

Personal Details (as registered with APHRA/ODOB)

For details of course commencement dates see www.aco.org.au/professional-development

TITLE	GIVEN NAMES	FAMILY NAME	
PREFERRED NAME	DATE OF BIRTH	GENDER <input type="checkbox"/> MALE <input type="checkbox"/> FEMALE	
POSTAL ADDRESS			
TOWN/SUBURB	STATE	COUNTRY	POSTCODE
PHONE	MOBILE		
EMAIL			

I am registered to practice optometry in Australia or New Zealand.

My AHPRA/ODOB registration number is: _____ My OA registration number is: _____

Withdrawal from the Course and Fee Refund

The following terms apply in relation to candidate withdrawal from the course and refund of fees:

1. Notification of a candidate's intention to withdraw must be made in writing. Confirmation of receipt of this notification will be provided by the ACO.
2. Candidates will receive a full refund for withdrawals received prior to 27 December 2019, less \$250 administration fee.
3. Fees will not be refunded for withdrawals received after 27 December 2019.

I am a member of the ACO Yes No

I wish to join now – I have attached my membership application form.

Note: If you are not a member but are applying for ACO membership, you can claim the ACO member rate for course fees if you submit your membership application form with this course application. A membership form is available from www.aco.org.au/membership/join-the-aco. Membership is for January to December (renewable annually).

Course Fee Categories

I wish to pay my course fees according to the following category *(please tick one only)*:

I will complete ALL of ACO-ACCV in New Zealand	<input type="checkbox"/> NO	<input type="checkbox"/> YES
PAYMENT TYPE	AU (INC GST)	NZ (GST EXEMPT)
<input type="checkbox"/> ACO MEMBER	AUD \$2,453	AUD \$2,230
<input type="checkbox"/> NON MEMBER	AUD \$3,135	AUD \$2,850

Please select one of the following payment options.

- Option A: I enclose a cheque made payable to the Australian College of Optometry *(fees paid by cheque must be paid in full)*
- Option B: my bank, building society or credit union account
- Option C: my credit card account (a 2% credit card surcharge will apply)

I have read and understood the course information and cancellation policy on the ACO website

OPTION B: Direct Debit bank/building society/credit union (not available from overseas bank accounts)

NAME OF FINANCIAL INSTITUTION	
NAME(S) OF ACCOUNT HOLDER	
BSB NUMBER	BANK ACCOUNT NUMBER
ACCOUNT HOLDER'S SIGNATURE	DATE
JOINT ACCOUNT HOLDER'S SIGNATURE	DATE

OPTION C: Credit card (a 2% credit card surcharge will apply)

DEBIT THE FOLLOWING CREDIT CARD WITH MY INDICATED COURSE FEES VISA MASTERCARD

CARD NUMBER	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	CVV	<input type="text"/>	EXPIRY	<input type="text"/>
NAME ON CARD	SIGNATURE		DATE					

How to lodge your application: Send completed application form together with payment to the details below:

Education Division, Australian College of Optometry, 374 Cardigan Street, Carlton VIC 3053
Phone: +61 3 9349 7477 Fax: +61 3 9349 7477 Email: cpd@aco.org.au Web: www.aco.org.au/professional-development