



Mature Adults Learning Association (Inc.) - Perth

POST: Unit 1 / 5 SHANN GROVE, KARDINYA, WA 6163 (for return of enrolment forms)

WEBSITE: <https://www.mala.org.au> ENROLMENTS: enrol.perth@mala.org.au

LOCATION: Perth Campus: **George Burnett Leisure Centre**, Manning Rd (opp. Elderfield Rd)
Karawara/Bentley (between Freeway and Curtin University)

VOLUNTEER CONTACTS: Julie (Enrolments) 0498 560 026 Suzanne (General enquiries) 9444 4902

IMPORTANT INFORMATION – PLEASE READ!

ENROLMENT & PAYMENT (\$45 per course, plus a once-per-semester enrolment fee of \$10)

- **PAYMENT:** Please complete the enrolment form and mail it with Cheque/Money Order OR mail/email with evidence of Direct Credit to: ♦ Westpac Bank ♦ BSB: 036-000 ♦ Account: 98-3937
❖ If paying by Direct Credit - please use your surname OR phone number in the Reference/Payer box ❖
- **PROVIDE YOUR DETAILS:** Please include your details on the enrolment form every time you enrol:
Name | Address | Postcode | Phone Number | Email address (preferred for sending information)
- **CHOICE OF COURSES:** Please clearly indicate your first and second choice for your enrolment in each session. Some courses may fill early or be cancelled, and we may not be able to provide your first choice each time.
- **ENROL EARLY:** Get your enrolment application in early (preferably by **Monday 24th August 2020**) to avoid disappointment and allow timely processing.

Consider yourself enrolled in your first choice unless you hear otherwise and KEEP A RECORD of the classes you select and their START DATES AND TIMES.

- Confirmation emails will NOT be sent UNLESS you are a new member. If you are a new member, we will provide general orientation information and a map showing our location. Your name badge will also be waiting for you at the information desk in the reception area on the first day of classes.

LECTURE ROOM ALLOCATIONS: Check the notice board near the information desk on the first day of classes.

TELL SOMEONE ELSE ABOUT MALA: You are our best advertisement – please pass along the attached spare enrolment form to someone who may also enjoy MALA courses. **Everyone needs a separate Enrolment Form!** Additional forms can also be downloaded from the website: <https://www.mala.org.au>

DATES FOR SEMESTER TWO 2020

PART A	4 September to 25 September (inclusive) (4 weeks – Fridays only)
<i>BREAK</i>	<i>26 September to 15 October (no classes)</i>
PART B	16 October to 13 November (inclusive) (5 weeks – Fridays only)

- **LECTURE TIMES:** Session One: 10:15am to 11:15am Session Two: 11:45am to 12:45pm
- **ADDRESS:** **George Burnett Leisure Centre**, Manning Road (Opp. Elderfield Road lights)
Karawara/Bentley (between Freeway and Curtin University).
- **PARKING:** is abundant and free for those travelling by car.
- **PUBLIC TRANSPORT:** is available, very regular, and stops right outside the Centre.
Phone **Transperth - 13 62 13** - for update on information.
- **WEAR YOUR NAME BADGE EVERY WEEK:**
Kindly write your **Emergency Information** on the back for the paramedics should you be unable to speak.



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PERTH COURSES SCHEDULE – SEMESTER TWO 2020

PART A – 4 September to 25 September (4 week courses)

Start 10:15am	<i>A/Prof Frank Dymond</i> Cats, Crows and Critters - Do they Understand Science?	<i>Prof Ian Reid</i> Memory, Imagination and Writing
Start 11:45am	<i>A/Prof Kevin Vinsen</i> Physics of How 'Stuff' Works	<i>Nigel Radford</i> Volcanoes, Earthquakes and Mountains

BREAK: 26 September to 15 October (no courses run during this time)

PART B – 16 October to 13 November (5 week courses)

Start 10:15am	<i>E/Prof Bob Mead</i> Forensic Investigation of Homicide: The When, What, How and Who	<i>Dr Melanie O'Brien</i> Genocide Studies of the 20th and 21st Centuries	<i>Richard Offen and Dr Ian MacLeod</i> Heritage in Action
Start 11:45am	<i>Rabbi David Freilich</i> Judaism: 5000 years in 5 Hours	<i>David Piggott</i> Ecologically Sustainable Living with a Focus Around Least-Toxic Pest Management	<i>Dr Megan Lloyd</i> The Invisible Enemy - Viruses in the Age of COVID-19

We suggest you mark on this sheet the courses you enrol in as a reminder when classes start, as MALA no longer sends out Confirmations of Enrolment.

PART A – 4 September to 25 September (4-week courses)

CATS, CROWS AND CRITTERS - DO THEY UNDERSTAND SCIENCE?

***With A/Prof Frank Dymond** (A/Prof Dymond is a retired lecturer from ECU who has contributed to MALA for over nine years in various capacities, including delivering several lecture series and holding various Committee portfolios.)

You may have heard of the Archer Fish that seems to understand the laws of refraction of light, but there are many animals who also exploit these and other scientific principles. Come along and find out how Cassowaries seem to “know” about thermodynamics, how elephants use trigonometry to locate their herd and how so many critters can exploit Newton’s Laws of Motion. But how? Join the journey through the weird, wonderful, and whacky world of animal science.

**** If you previously enrolled in this course in Semester One, please note that the first lecture will be a brief summary of information previously covered but with additional content.**

4 September to 25 September: 10:15am to 11:15am \$35

MEMORY, IMAGINATION AND WRITING

***With Professor Ian Reid** (Professor Reid has 15 books to his name — fiction, poetry and non-fiction.)

This course will appeal to those who are (or may want to be) writers as well as to those who simply enjoy reading. Memory and imagination are basic sources for many kinds of writing. Sometimes one or the other may predominate (e.g. memory for autobiography and family history; imagination for certain forms of fiction). But the most engaging literary works usually blend the two in creative ways, and this blend is part of the secret of writing successfully. Ian will provide a range of examples and include practical tips drawn from his own wide experience as an author.

4 September to 25 September: 10:15am to 11:15am \$35

VOLCANOES, EARTHQUAKES AND MOUNTAINS

***With Nigel Radford** (All Nigel’s working life he has been lucky enough to be a geologist, and it’s been an exciting ride!)

Is volcanic activity and the occurrence of earthquakes becoming more common? Is it realistic to expect scientists to predict, with any degree of accuracy, where and when such events will happen in the near future? Answers lie within the subject known as Plate Tectonics. Plate Tectonics has rapidly captured the popular imagination. And yet only 50 years ago it was a revolutionary new concept. Come on a journey to see how the Earth as we know it has changed over geological time, and what we might expect in the near future. Volcanoes off the coast of North Island NZ are all part of the evolving systems.

**** If you previously enrolled in this course in Semester One, please note that the first lecture will be a brief summary of information previously covered but with additional content.**

4 September to 25 September: 11:45am to 12:45pm \$35

PHYSICS OF HOW ‘STUFF’ WORKS

***With A/Prof Kevin Vinsen** (A/Prof Vinsen is a Senior Research Fellow at The International Centre for Radio Astronomy Research)

Every wondered about the Physics involved in the following devices: planes, phones, lasers, computers, vacuum cleaners, cars, toothbrushes, water, surf, toilets, bridges, radios, TVs, washing machines, needles, glasses, mirrors, GPS, RFID scanners, barcode readers, speakers, stoves, ball point pens, seat belts, batteries, 5G, rockets ?

This course will work through the ones you are most interested in during the 4 weeks.

4 September to 25 September: 11:45am to 12:45pm \$35

PART B – 16 October to 13 November (5-week courses)

FORENSIC INVESTIGATION OF HOMICIDE: THE WHEN, WHAT, HOW AND WHO

***With Dr Bob Mead** (Dr Mead is a toxicologist, biochemist and forensic scientist who established the Bachelor and Masters' degree programmes at Murdoch University. He regularly presents forensic evidence in Court.)

A homicide investigation has to answer four crucial questions: When was the victim killed; what happened at the crime scene; how was the victim killed and who was the murderer? Each of these questions will be addressed. Forensic pathology and entomology will be discussed to show how they are used to estimate time since death. Bloodstain pattern analysis will be explained to illustrate how this assists in the reconstruction of the crime scene. In a segment in which you will be invited to participate, interpretation of injuries will be addressed to elucidate how the victim was killed. Most importantly, DNA profiling; genetic phenotyping and the latest approach, forensic genealogy, will be explained to answer the "who". Each component will be illustrated with intriguing cases.

16 October to 13 November: 10:15am to 11:15am \$45

GENOCIDE STUDIES OF THE 20TH AND 21ST CENTURIES

***With Dr Melanie O'Brien** (Dr O'Brien is Senior Lecturer in International Law at UWA.)

This course will examine five different genocides from the 20th and 21st centuries. The course will begin with an introduction to the concept of genocide, so participants start with an understanding of what genocide is. Each week's lecture will examine a specific instance of genocide from recent history: the Armenian Genocide, the Holocaust, the Cambodian Genocide, the Srebrenica (Bosnia) Genocide, and the Rohingya Genocide. Each week will provide an overview of that week's allocated genocide (such as location, identity of perpetrators and victims, causes and main elements), as well as addressing one key issue about that genocide.

16 October to 13 November: 10:15am to 11:15am \$45

HERITAGE IN ACTION

***With Richard Offen and Dr Ian MacLeod** (Richard Offen is a best-selling author, broadcaster and speaker, specialising in history and heritage. Dr Ian MacLeod worked for the Western Australian Museum, for 38 years.)

Richard Offen and Dr Ian MacLeod will take a look at the past with modern eyes. Richard will present three lectures (16 & 23 October and 6 November) and Dr Ian MacLeod will present two (30 October & 13 November).

In his three talks Richard will review places and cultural activities Perth has lost in the last 100 or so years, chart the 150-year history of Perth's Town Hall and take a look at heritage building conservation.

Through 'Conservation of Shipwrecks: the untold stories', Ian, the former director of the Maritime Museum, will take you on a journey of discovery showing how apparently meaningless interactions with the marine environment can create significance changes for present and future generations.

16 October to 13 November: 10:15am to 11:15am \$45

JUDAISM: 5000 YEARS IN 5 HOURS

***With Rabbi David Freilich** (Emeritus Chief Rabbi of WA. Master of Arts degree from Sydney University focusing on the Rabbinic background to the rise of Christianity and a BA(Hons) from London University in Semitic languages)

This course will cover the rituals, practices, beliefs and customs of Judaism, as well as their development and changing applications throughout the ages. Reference will be made to how the oral tradition of Judaism was derived from the Five Books of Moses-the Pentateuch. The course will also examine the various sects of Judaism. A bird's eye view of Jewish history will be presented. The Jewish attitude towards contemporary issues will be examined and discussed. The course will also look at the Jewish interpretation of important Biblical events in the Old Testament, and how the Hebrew language helps to illuminate the meaning of the text of the Bible.

16 October to 13 November: 11:45am to 12:45pm \$45

ECOLOGICALLY SUSTAINABLE LIVING with a focus around LEAST-TOXIC PEST MANAGEMENT

****With David Piggott*** (*David is a parent, traveller, adventurer, ecologist, business owner, teacher, carer, listener, storyteller, fighter, helper. See: <https://www.linkedin.com/in/david-piggott-8a3b8225/WA>*)

With over 30 years in 'mainstream' licensed pest-management and as a front-line applied ecologist on a team that banished organochlorine insecticides including heptachlor & chlordane from the Australian scene and led to the repopulating of the Perth willy wagtail population, David has a wealth of proven chemical-free, least-toxic, cost-effective strategies and stories to share with you that deal with all manner of actual and perceived 'pests' in the real world.

This course will explore how to responsibly identify, understand and manage those unseen marauding termites, the hordes of ants, nightmarish cockroaches living in dark places and even the enveloping curtains of untidy spider webs covering the house. The friends and enemies will be compared and contrasted. Tools will be provided to help decode pesticide labels, challenge industry claims and make informed choices that can lead to a positive world of difference in your daily life.

16 October to 13 November: 11:45am to 12:45pm \$45

THE INVISIBLE ENEMY – VIRUSES IN THE AGE OF COVID-19

****Dr Megan Lloyd*** (*Dr Lloyd is a virologist and microbiology lecturer who loves talking about infectious disease.*)

What is a virus? How can something that is not technically alive hold us hostage in the 21st century? The SARS-2-coronavirus is not the only virus that has been in the news over the past few years; Ebola virus, Zika virus and swine influenza virus have all affected human populations in recent memory and many of us recall the terror that was HIV and AIDS in the 1980s and 1990s. What is special about these viruses? Why are we so vulnerable, and how can we protect ourselves? What aspects of human activity leave us vulnerable to new viruses or to increased rates of viral infections? Come and find out.

16 October to 13 November: 11:45am to 12:45pm \$45