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Introducing our courses

Agriculture and the World We Live In

Learn about the world's population and the crucial role of agriculture in feeding the steadily increasing number of people. See how climate and soils dictate the types of farms we see in different regions and countries. Discover how the farmers manage their farms, and why they do what they do. Finish off with a look at the exciting new technologies that are transforming agriculture and the sustainability issues that farmers are dealing with in the 21st century.

Astronomy: Discovering the Universe

Learn about the Big Bang, black holes and life elsewhere in the Universe. Also gain some insight into how great scientific discoveries were made and what's involved in scientific research. Look at the vital role that new technology plays in scientific discoveries. Hear from scientists about their role in the development of largest telescope in the history of astronomy: the Square Kilometre array.

Basic Physics

Physics is concerned with every aspect of our universe, and in Basic Physics you will explore 4 main areas: Motion, Waves & Sound, Electricity & Magnetism, and Light. Gain some valuable insight into these topics, and be able to make simple calculations and predictions.

Before starting this course, you are recommended to have the following equivalent mathematical knowledge:

- Calculus
- Elementary statistics
- Trigonometry
- Sine and Cosine graphs
- Algebra

Becoming a Confident Trainer

In this course, learn the more practical aspects of training and facilitation including some practical techniques, approaches, hints and suggestions that you may be able to apply to your own training environment. Whether you're an experienced trainer or just starting out, this course aims to develop the skills that you already have and help you become a more confident and accomplished vocational educator.

Becoming Human: Anthropology

Impressively, humans are the only creature produced by evolution that is capable of understanding evolution. Explore how evolution works and how variation arises. Find out why, of all the orders of life, did primates produce us? How did apes start to look like us, walk on two feet and grow big brains that over the past 200,000 years have figured out where we came from? This subject will give you some thought-provoking answers.

Big Data for Better Performance

This course shows you how big data equals business opportunity. Find out what 'big data' means and where it comes from. See how smart businesses use data to target their offerings and get ahead of market trends. Consider the promises and threats of big data for organisations and individuals, such as the capacity of data to track a customer along the pathway to purchase; and the issues of democracy and privacy that arise when data is collected and used.

Chemistry – Building Blocks of the World

In this course, you will learn about atoms, the building blocks of everything around us. Learn how these atoms are put together to make most of the materials that we use every day. We'll have some fun looking at some common types of chemical reactions and use our knowledge of these chemical reactions along with a new way of quantifying the world in order to be able to make powerful predictions about quantitative chemistry.

Chinese Language and Culture

Develop a basic understanding of written Chinese and explore the origins and variety of Chinese cuisine, the role of food in festivals and etiquette. Look at the origins of some of the values that underpin Chinese society and how these are affected by economic development. Uncover some of the symbolism of numbers, colours and the Chinese Zodiac. Get a feel for how traditional values and beliefs are expressed in Chinese opera and architecture.

Climate Change

Climate change is the biggest global challenge the human race has ever faced. Our insatiable demand for energy from fossil fuels is changing the atmosphere, and in turn changing our climate. In this course, explore the impacts of climate change; why we should care about them, the science that underpins our understanding and how we can fix the problem before it's too late.

Concepts in Game Development

Look at the central role of game design and common development processes used in the industry. See how game software can be broken into parts that work together and in particular the idea of game engines. Explore the relationship between game design, balance and player experience. This course has been developed for people of many different backgrounds and skills. Some programming experience would be nice but is not required.

Contemporary Issues in Ocean Governance

This course considers the nature of how the world's oceans are regulated. It will go through how ocean governance has evolved through time and how it actually works. In addition, there will be a focus on particular issues such as piracy, maritime security and environmental protection for the oceans.

Diagnosing the Financial Health of a Business

Learn how financial reports provide a wealth of information into the performance of a business, and how they can be used specifically to identify early warning signs of potential future problems. See that a profitable business may not necessarily be performing well or taking the right steps to build for its future. Use simple, yet powerful, tools to analyse a business and identify where and how things can be improved.

Early Childhood Education

You will discover the world of children in the early years. Though child development patterns are reasonably universal, every child is unique, has individual potential and will learn differently from their peers. By exploring many aspects of child development and learning you will gain insight into how to support infants, toddlers and pre-schoolers during this critical stage of life.

Education in a Changing World

Explore Education as a social institution charged with communicating the knowledge, skills and cultural values that society considers most important. Learn how the aims of Education have changed over time in response to changing views of what is considered a 'good society' and a 'good person'. See how Education continues to change in the context of new communication technologies, globalization and climate change.

Emergency Management

Go on a journey from the origins of risk management in the ancient world, to new hazards and risk management approaches of the industrial era, command and control models introduced in the Cold War era, to more contemporary "all-hazards" to current "risk management" approaches. You will explore the rapidly growing and increasingly influential discipline through a study of real-world risk understanding, reduction, readiness, response and recovery examples.

Entrepreneurship and Family Business

The course is divided into 4 modules, 'Who is an Entrepreneur', 'Managing the Entrepreneurial Process', 'Entrepreneurial Enterprises' and 'Family Business'. Each module will explore and expand on key elements, assumptions and processes that are essential to the success of a business. The course paints an integrated picture of the commercial world, and highlights the strategies that need to be applied to succeed in that world.

Financial Literacy

You will be shown how to set your goals and how to achieve those goals using an established, working savings plan. You will then learn the basic skills to get you started on building your wealth and be shown the common mistakes people make with managing their money.

Financial Planning

Understand the role of a financial advisor. Learn how they evaluate their clients' financial future and assist them to prepare for risks such as sickness or accidents. Find out more about the client and adviser relationship, the financial planning process and investment fundamentals.

Food, Nutrition and Your Health

Start with an introduction to the building blocks of basic nutrition and how these can impact digestion, energy and health. Find out how various eating disorders develop, including genetic, cultural and psychological factors. Finally, learn about various diets, including the social and biological factors that have contributed to their evolution.

Foundations of Psychology

One of the reasons we want to understand human nature is so we can help people with psychological disorders. Learn how psychologists go about conceptualising and studying human nature, and how the brain works to produce thoughts, emotions and complex behaviour. Look at how psychologists approach the diagnosis and treatment of the 'common colds' of psychopathology – anxiety and mood disorders.

Human Resources

During this course you can take a step by step journey into the core Human Resource functions of an organisation, through this you will develop a broad understanding of the key areas such as recruitment, training & development and performance management. The course has a consistent theme being technology and the significant impact it has on the way we manage people today.

Indigenous Studies: Australia and New Zealand

In this course, learn the distinctive stories of Aboriginal and Torres Strait Islander people in Australia and Māori people in Aotearoa New Zealand. The aim is to provide you with an understanding of Indigenous peoples' past and present realities. Learn about the long history of Indigenous peoples in Australia and Aotearoa New Zealand, as well as European colonisation and how this impacted their lives.

Innovation for Powerful Outcomes

Innovation involves transformative thinking and the genuine ability to cultivate and pick the lucrative fruits of our creative labour. This course contains a stimulating mix of creative experiments, intriguing innovation examples, practical tools and robust concepts. These will help you induce creativity, gain deep customer insights, and develop an appreciation for creating a compelling innovation strategy.

Introduction to Business in Asia

Gain some insight on how to understand and negotiate business in Asia. The emphasis is on the social and cultural aspects of business, such as leadership, management and personal relationships. Also learn how to understand and approach cultural differences you may encounter. The focus is on China, Japan, Korea and some countries in South East Asia including Indonesia, Malaysia, Singapore, the Philippines, Thailand and Vietnam.

Introduction to Enterprise Architecture

Businesses today are fast moving and in a constant cycle of change and adaptation. A key discipline to support you in this change journey is the discipline of "architecting" a business. Commonly referred to as enterprise architecture, it will help you understand: why you should change, what needs to change and how you should change. Learn one of the common frameworks - The Open Group Architecture Framework (TOGAF®).

Introduction to Nursing in Healthcare

The Australian healthcare system ranks ninth in the world for its quality. Nurses play a crucial role in Australian healthcare and in this subject you will learn about the Australian industry, rural health, specialty areas in the hospital sector, staffing requirements, and how individual team members contribute to a patient's experience. You will also gain valuable insight into predicted healthcare demands for the future and how these could impact healthcare.

Leadership: Identity, Influence and Power

Examine the myths of leadership and the tendency to misattribute organisational outcomes to great leadership. Look at the history of theories to understand the ideas of power, authority and charisma. Explore the dominant leadership theories and uncover 4 rules for leadership built upon an understanding of group psychological processes. Learn the key skills and practices of leadership that you can perfect, and work on your own leadership development plan.

Management for a Competitive Edge

Whether you are running a multinational company, a domestic manufacturing plant, a coffee shop, or even working for yourself, management is a key function in the business world. In this course, learn what makes a good manager and how to perform in different organisational environments and cultures. Discover management tools and strategies for your career and the principles of leadership, teamwork and communication.

Marine and Antarctic Science

This course will introduce you to the fascinating world of our oceans. Learn about marine life and key features of the ocean system. Explore some of the stressors on marine systems caused by human activity. Finally, this course will cover how society might sensibly approach managing those threats into the future.

Microbiology and Forensic Science

Take a close look at the bacterial cell structure and functions which will then lead you to the study of viruses. You will go through the different types of cells which will allow you to distinguish the two major groups of bacteria and techniques. Next, you will focus on Forensic Microbiology, its history and how this discipline has evolved. Finally, we will look at the latest molecular techniques used for detecting microbes' genetic material.

Midwifery

This course will benefit those who are interested in doing midwifery as a career or a parent-to-be. See the scope of practice of the midwife and understand that the focus of midwifery care is the woman. Gain insight into the world of the midwife, pregnancy and childbirth. Explore the role of the midwife in working with women and their families during pregnancy, labour and birth and the time following birth when the woman is supported in her new role as a mother.

Mining Engineering

This course will provide an overview of the different phases involved in the mining process. From exploration, impact assessment, production and processing of ore, up to mine closure. Environmental and economic aspects will also be considered as they constitute important parts of the process as a whole. Emphasis will be placed on the key concerns of the mining engineer, the science behind rock behaviour as well as surface and underground mining operations.

Mobile Robotics

From the surface of Mars to your living room floor, mobile robots can be found in some surprising places. Together we'll explore how and why. We'll look at how robots move, how they sense the world around them and how they make decisions. Then we'll put all this together and apply what we've learned to build our own mobile robot.

Negotiation and Conflict Resolution

Experience a way of thinking about Negotiation and Conflict Resolution that will give you renewed confidence. This course provides you with an introduction to negotiation and conflict resolution from both an academic perspective and also from a practical or 'skills' based perspective. You will also receive some practical tips – negotiation 'do's and don'ts', so you can continue to build on your skills in negotiation and conflict resolution after the course is complete.

Online Advertising

Explore the evolution of online advertising. We'll cover the key players, as well as the multitude of different creative formats and executions. Find out about the major digital platforms, including search, social, and mobile, in terms of each marketplace, the key players, and marketing opportunities. Learn about the digital campaign planning process along with the process of implementing, tracking, and reporting on the success of online advertising campaigns.

Principles of Project Management

If you're looking to move into management, or want to gain some project management skills for your current role, this is the subject for you. Learn to manage a project from start to finish (including popular standards and processes) and how to manage stakeholders. Understand the role of a project manager and learn how to plan work and execute projects.

Sociology

This course introduces you to key concepts and theories used in examining and understanding social action, institutions, structure and change. Learn some of sociology's central concepts that describe and analyse the social forces shaping human behaviour and attitude in contemporary life. Understand the essential components in the structure of society, and examine the main conflicting social processes that create social instability and promote social change.

Sports and Recreation Management

Take the first step to exploring a career in sport and recreation by gaining an understanding of the different job roles within this industry. Pick up leadership and management skills and learn how to manage risks appropriately. You will also learn to plan and deliver a simple sport and recreation session focussed on client needs.

Strategic Management

Evolve your business skills and take a more proactive, long-term approach. Learn how to identify the role of strategic management in managing a business, differentiate between defensive and aggressive business strategies, create a strategic position and recommend an appropriate business strategy. Also discover how to incorporate competitor behaviour into your decision making and explain the impact of various decisions on a business.

Teaching Adult Learners

Learn how to engage learners through collaborative learning, instructional skills and design, as well as looking at the role technology is playing in terms of promoting engaged learning environments. Explore the importance of creating a safe and accountable learning environment; observe an experienced teacher who works with instructional skills and tactics to promote safe and accountable learning environments.

The Art of Photography

Learn photography as a visual art practice and how this can help you to become an engaging and active photographer. Explore the work and concepts of contemporary photographic artists. In addition, learn some of the practical skills required to further explore photography in exciting and creative ways. Finally, explore the idea of a “digital darkroom” and discover ways that you can further your interest in photography through post-production knowledge and techniques.

The Human Body as a Machine

The human body is made up of many individual parts that work together in a highly interactive and coordinated way. Learn about how these parts are structured and maintained at a cellular level. We highlight the cardiovascular, hormonal and nervous systems, as critical coordination and control parts of the body. We investigate the structure of the musculoskeletal system, and how it helps us move through our environment.

Understanding Common Diseases

In this course, you will hear from patients with four different diseases: high blood pressure, heartburn, diabetes and the common cold. We have chosen these diseases as they all affect different body systems and occur commonly in the general public. We will be describing how patients experience the disease, the normal way the body system works and looking at how the disease affects function and how you and your doctor can best manage your health.

Understanding the Origins of Crime

In this course, you will learn the process of natural selection and how it can be used to make sense of criminal behaviour. We will use the theory of evolution to make sense of a broad range of crimes including several types of homicide, child abuse and neglect, spousal assault and group level aggression such as warfare, hooliganism, rioting, and gang fights.

User Experience for the Web

User experience is what a person, or user, experiences when interacting with a product, service, company or, in this case, website. This subject will illustrate why it's essential to understand online users. It will explain how to research users, design interfaces based on their needs and test design effectiveness. Also, learn about the importance of balancing user needs with business objectives and what to do when these needs clash.

Water in a Thirsty World

Take the journey of water: how it began and its availability today in light of global warming and urbanization. See that the natural environment is reaching a threshold, and the impact that has for us and our water supplies. Look at examples from around the world, learn about a vast range of technologies, and discover what's involved in sustainable thinking and decision making. Explore the world of wastewater – how it can be treated and recycled.

World Music

Become a cultural explorer in your own community by discovering music traditions outside the normal day-to-day music heard on mass media. Each module will build your listening skills using the basic musical elements of Rhythm, Melody, Harmony, Texture and Dynamics progressively. This is to aid you in listening and analysing the cultural music used in the course. Each module includes basic musical, cultural and ethnomusicological concepts.

Writing for the Web

Understanding the difference between writing for print, versus writing for the web, starts with learning about how readers behave differently online. This subject brings to light how to accommodate the needs of online readers through web design, writing style, and structure and search engine optimisation. Find out how content can impact the reader's experience, as well as how the reader's experience can impact the way they interpret online content.