

Executive/Management Training

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THE UNIVERSITY OF
WESTERN AUSTRALIA
Achieving International Excellence

UWA: General Overview

- Oldest University in Western Australia
- Group of 8 status
- 113 on the Jiao Tong ranking
- High score entry level
- Energy & Minerals Initiative



AIMWA: General Overview

- Not-for-profit professional member institute
- Mission: improve performance of leaders, managers and organisations
- Largest private training provider in WA
- Also working internationally in China, throughout Asia



AIM-UWA Business School Alliance

- Joint venture
- Working with public, private sectors and NFP
- Three core platforms
 - Open enrolment programs
 - Customised in-house training
 - Embedded learning and development activities (coaching, diagnostics, research, consulting)
- Energy/mining/resources sector = 35% of annual business



Outsourced executive education/training market worth \$3.7B/annum in Australia



Where does Executive Education Fit?

Higher Education

- Qualification-driven
- Long term – knowledge acquisition
- Intense focus on broad subject areas



Executive Education

- Performance-driven
- Short term – capacity building
- Intense focus on narrow content area



Vocational Training

- Certification-driven
- Long term – skills acquisition
- Intense focus on vocational role

Partnering Models in Exec Ed

- Onshore: participants come to Australia
- In-country: Aust/International experts go to India/China/ South Africa etc
- Regional: Program held in third country (eg Singapore/ HK) and participants come from throughout the region
- Combination of the above
 - Eg Australia/China LNG program (participants attend modules in China and Australia)
- Opportunity to link research agenda with executive development
 - Eg Asset Management, CRC Mining



Open Programs

- Flagship
 - Advanced Management Program (30+ years)
 - Senior Executive Forum (20+ years)
 - Authentic Leadership Program
 - Asset Management
- Core
 - Thinking & Planning Strategically
 - General Management
 - Commercial Acumen
 - Corporate Social Responsibility



Sustaining business...globally

- Multi-billion dollar corporation, working in partnership with **Resources** client to:
 - Deliver Asset Management program in Australia (east & west coasts), USA, scheduled for Montreal, South Africa
 - \$\$\$Hundreds of millions\$\$\$ value through embedded real-work projects
 - Aligns with and reinforces core organisational strategies/values
 - Growing leadership, management & technical capability
 - Leveraging combined internal & external subject matter experts
 - Capturing internal learnings, stories and cases
 - Building network of change agents



Sustaining business...commercially

- Multi-billion dollar **Energy** corporation
- High End, High Touch Financial Acumen program
 - ‘mini-CFOs’ program for senior non-finance execs
 - Targetted case studies (internal & external)
 - M&A, corporate finance, risk

Feedback on recent module

This was excellent...especially the use of real company financials and cases...

What will you do differently as a result of this module?

- *More critical assessment of project evaluation and development options*
- *Consider/discuss implication of price formation to act as calls/points etc...*
- *Re-assessing initialisation of hedging on project economics*
- *Think about how we can manage risk or if we need to manage risk in relation to contracts*
- *Be more in tune with shareholder drivers!*
- *Challenge the motivations of myself/leadership when managing risk*
- *Ask more questions when projects get started*



Sustaining business...whole of organisation

- Multi-billion dollar international **Energy** corporation
 - Provide Executive Coaching to CEO & top 50 executives (within Australia and international sites)
 - Leadership & Management Program for upper middle managers
 - Advanced Leaders Program for Executives
 - Senior Executive Development Program for ‘high potential’ (next generation of direct reports to the CEO)
 - Strategic Planning & other consultancy services, including corporate diagnostics, for Divisions of the Corporation
 - Cascade whole of organisation change/values agenda



Partnering the Public Sector

- Delivering key whole-of-government leadership and management programs
 - Core whole of government leadership and management
 - Finance
 - Strategic Human Resources Management
 - Innovation
 - Sustainability
- Providing expertise in consultancy, stakeholder management, facilitation, organisational structure, M&A, policy, modelling to specific organisations/issues (eg re local government restructure)



Questions?



Additional Information

- UWA Educational Overview
- UWA Research Overview
- Additional examples of collaboration in the sector



UWA: Education Overview

- 21,000 undergraduates, 21.5% international
- 9 faculties, 18% engineering
- 5,000 postgraduates
- Future Framework
- 3,400 academic & research staff
- UWA's achievements in teaching & learning recently recognised with an award from the Commonwealth



UWA: Research Overview

- We work collaboratively
- We have the capability
- We are looking to drive and leverage our contribution
- \$140m of external research funding in a total of \$240m, 6.7% of the Australian Competitive Grant funds
- 51+% of UWA R&D in science & engineering



The Power of Collaboration

- Western Australian Energy Research Alliance (WA:ERA)
- CRC Mining
- CO2 CRC
- Centre for Exploration Targeting
- Australian Centre for Geomechanics
- CRC for Deep Exploration Technologies
- Geothermal Centre of Excellence
- Sustainable Resource Processing CRC



Centre for Exploration Targeting

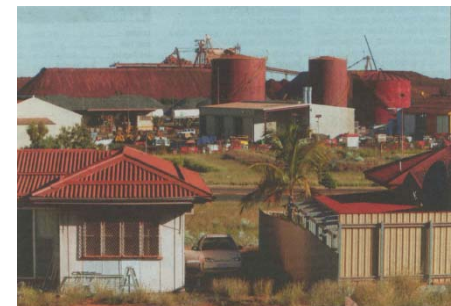
UWA and Curtin joint centre short courses:

- Senior Exploration Management Course
- Discounted Cash Flow (DCF) Modeling and Financial Evaluation of Mining Projects
- Applied Structural Geology in Mining and Exploration
- Financial Risk Analysis and Real Option Valuation of Mining Projects
- Applied Structural and Field Geology



Engineering Short Courses

- Engineering asset management & risk
- Reliability engineering
- Asset management plan
- Petroleum engineering
- Oil & gas economics
- Marine engineering
- Petroleum fluids
- Process modelling
- Future energy



Centre for Mining, Energy & Natural Resources Law

Short Courses

- International oil & gas law
- Australian oil & gas law
- Oil & gas agreements
- Mining law
- Regulation



Australian Centre for Natural Gas Management

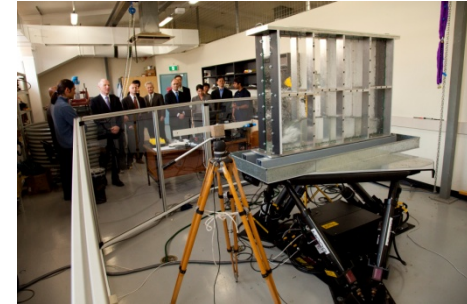
UWA and Curtin joint centre short courses:

- Introduction to natural gas industry
- Regulation issues in natural gas downstream
- International legal practice
- Energy economics & energy security policy
- Leadership, communication & strategy



Oil, gas & mining research

- Gas-to-liquids
- Coal-to-liquids
- Gas processing
- Geothermal
- Reservoir engineering
- 4D seismic, geosequestration, basin studies
- Sloshing



Oil, gas & mining research

- Tight gas
- Biomass energy
- Land rehabilitation
- Geotechnics of tailings
- Contaminant fate & transport
- Contaminant transport modelling
- Surface chemistry & rheology

