



Interactive Developments

Inform. Develop. Learn.



Off-the-Shelf or Fully Customised Modules



by our team:



Stephen McNamara
Games and User Interaction

- ★ Decades of user interface and games dev experience
- ★ Builds cutting edge simulations



Dr. Helen Smith
Multimedia & Programming

- ★ PhD in Computational Plasma Physics
- ★ International post-doc postings
- ★ Advanced programming skills



Anusha Pechiraj
Web Developer

- ★ B. Information Tech
- ★ Wealth of experience as a Programmer Analyst, Test Analyst and e-Learning Developer

SME

Plus a range of

Subject Matter Experts

drawn from industry and research

SME

Liz Chase
Sales and Marketing



- ★ Decades of science, business and tech sales experience
- ★ Understands both business and technology needs

Michelle Wakelam
CEO & Multimedia



- ★ Twenty years experience as an Occupational Hygienist
- ★ NATA Technical asbestos assessor
- ★ Founding member on the Australian Radiation Protection Board

THE FUTURE OF SAFETY IS E-LEARNING

Award-Winning Gamification: Laboratory Induction with University of Wollongong

The award-winning module is highly suited to first time undergraduate laboratory users. It evaluates users at each level and has been used very successfully at the University of Wollongong as a hurdle requirement to laboratory entry.

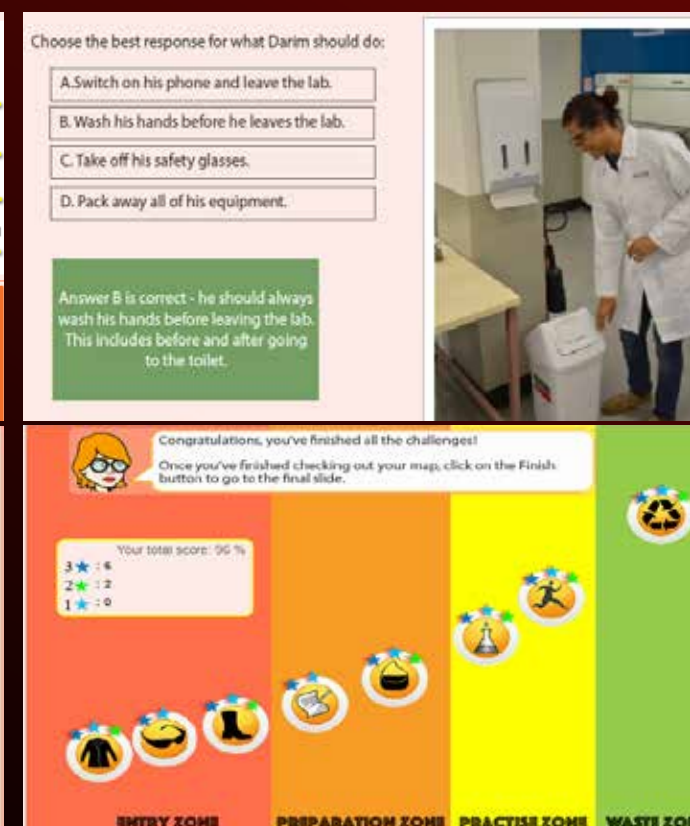
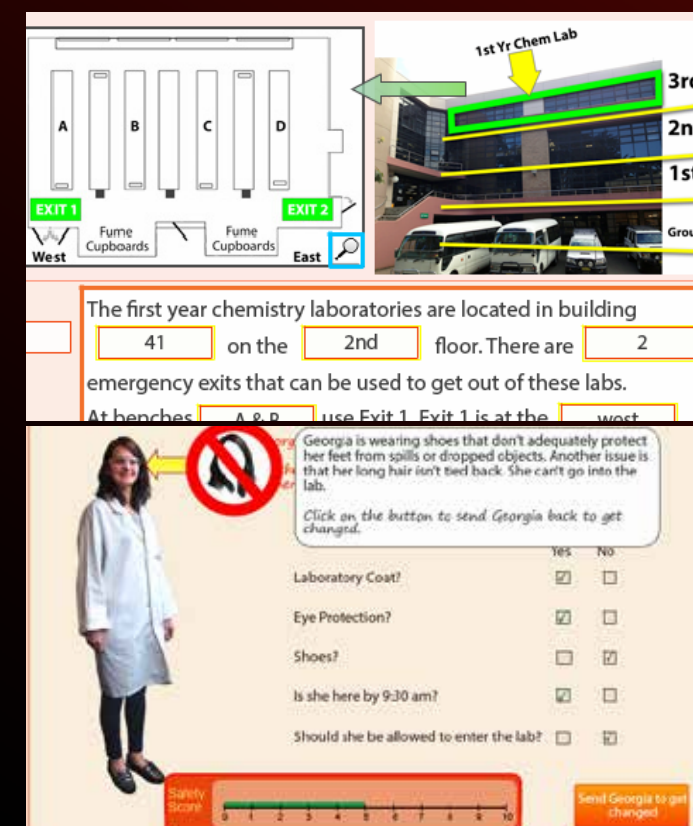
Course Includes

- Customisation for your lab environment
- Appropriate laboratory attire
- Location of equipment within laboratory
- Location of local emergency exits, safety showers and fire extinguishers
- Emergency procedures

NSCA National Safety Awards Overall Winner



AITD National Training Excellence Awards Finalist



Off-the-Shelf E-Learning Options

Interactive Developments has the following e-learning courses in ready to connect **SCORM**** compliant modules:

Biosafety

- 1 – Biosafety principles
- 2 – Gene technology
- 3 – Quarantine
- Super-module – Animal handling, Infection control

Chemicals

- 1 – Identifying chemical hazards
- 2 – Toxicology

Working Around Laboratories

- Laboratory Induction
- “Gamified” Lab Induction
- Fume cupboards

Radiation

- 1 – Ionising radiation & research
- 2 – Unsealed sources
- 3 – Xrays

Hazardous Materials

- Liquid nitrogen
- Asbestos awareness

Manual Handling

- for universities
- for warehouses
- for office environments

Ergonomics

- for desktops
- for mobile devices

Bullying

- Bullying and harassment
- An introduction to building resilience

Workplace Environment

- Fatigue management
- Occupational noise management

New Employees

- Industrial training and your health and safety for new employees / interns
- Appropriate workplace behaviour for new employees / interns
- Interview skills for job seekers

Not just another e-Learning Company

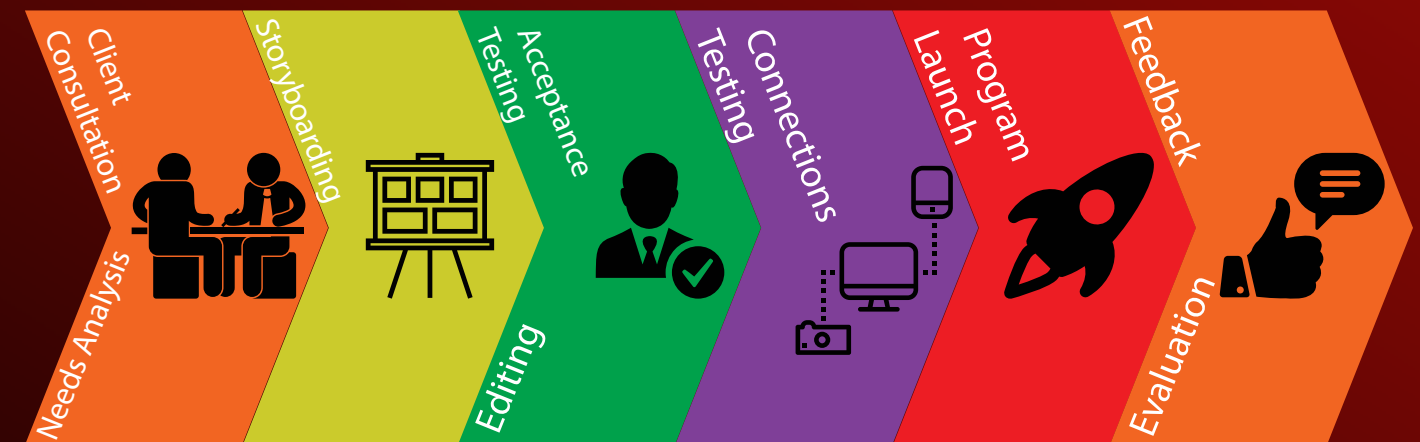
Interactive Developments produce interactive and engaging e-learning courses. Our courses cover a large range of workplace OHS, professional development and well-being modules. Our team has a formidable collection of scientific subject matter expertise, web development skills and IT capability. We utilise our team's diverse expertise to create unique OHS e-learning modules. Our highly experienced web development and IT team ensure superior course maintenance and upgrades. We also produce professional video content partnering with professional film and make up partners.



Custom E-Learning Modules

Interactive Developments are **respected leaders** in corporate e-learning. We are proud to apply our decades of research and technical excellence in provision of bespoke / tailored training.

Our Custom Development Process



Working Closely With You

Our team works closely with business partners to adapt off-the-shelf training to the your requirements or develop bespoke training specific to your business needs.

Interactive Development programs are designed to operate on a large variety of Learning Management Systems (**SCORM**** compliant).



**** “SCORM”** compliance means that our e-learning modules will “play well” with modules from other SCORM - compliant vendors

Safety Short Films for Monash University Engineering Faculty

For the past three years **Interactive Developments** have partnered with **Monash University Faculty of Engineering** and professional film and make up crews to create engaging and informative safety **short videos**.



Each year a new theme has been explored. This year we are creating five short videos covering realistic First Aid scenarios. By using Monash academics and laboratory staff, some 'curve ball' situations and local settings, the videos messages have relevance and cut through.

Internship Modules for UNSW Engineering



Interactive Developments have partnered with **UNSW** to produce interactive modules to educate internship students on OHS and workplace behaviours while on placement.

Dangerous Goods Network



Interactive Developments partner with the **Dangerous Goods Network (DGN)** to extend the Network's offerings to include e-Learning training solutions for DG compliance. This training is developed in conjunction with Andrew Hahn of Marair. Andrew is Australia's leading DG transportation service provider and founder of the DGN. The training is focused on providing practical targeted compliance appropriate for a supply chain market.



Manual Handling

for industry/retail



We built this customisable module for an international mining and resources company to use at their retail outlet sites.

Focus on practical Risk Assessments for retail staff at outlet sites. The company had a high level of strains and back injury claims previously. During the program tailoring visual modifications were executed to reflect the company's retail outlet corporate branding.

for Universities



Manual handling and body stress injuries are the most common type in university environments. Our practice-based scenarios train staff to reduce risk of manual handling injuries.

Course Includes

- Injury prevalence at universities
- WHS laws
- Duty of care
- Lifting and manual handling
- Manual handling and the back
- TILE – Task, Individual, Load and Environment
- Comfort zones

for Warehouses

Manual handling for Warehouses helps educate staff of the risks associated with Manual handling tasks. We use scenario based activities and interactions to promote engagement and retention of the key messages.

Course Includes

- WHS laws
- The skeleton
- The muscles
- The comfort zones
- Moving and lifting techniques
- The dangers of twisting
- Risk assessments

for Offices

Manual handling for office environments helps train staff in methods to reduce their risk of manual handling or body stressing injury, a common cause of workplace injury.

Course Includes

- WHS laws
- Duty of care
- Lifting and manual handling
- Manual handling and the back
- TILE: Task, Individual, Load and Environment
- Comfort zones

Office Ergonomics

for Desktops

Office ergonomics for desktops helps educate staff on what the optimal work space set up is for their task and individual requirements.



Course Includes

- WHS laws
- Duty of care and responsibilities
- Desk and chair set up
- Bree's new chair
- Neutral posture
- Monitor introduction
- Time on task
- ... and more

for Mobile Devices

Office ergonomics for mobile devices helps educate staff on the risks associated with using mobile devices and how to reduce their chance of injury.



Course Includes

- Why should we care about how we use mobile devices?
- Laptop hunchback
- Gorilla arm
- Phones
- Tablets
- Risk exercise
- ... and more

Noise Management



Course Includes

- How many people are affected?
- What is a sound wave?
- How we hear
- Health effects of noise
- Measurement of noise
- Daily noise dose and dose limits
- Ototoxic substances
- ... and more

Fatigue



Course Includes

- Fatigue OHS/WHS legislation
- Fatigue risk management
- What is fatigue?
- Causes, symptoms and consequences
- Shift work and adequate sleep
- Driver fatigue
- ... and more

Asbestos Awareness for NSW Government



This course is a highly interactive series of five modules suitable for construction industries and emergency management agencies.

The five modules include:

- Asbestos Hazards
- Asbestos Identification
- Risk assessment and setting priorities
- Protecting personnel and community
- Agency responsibilities

Bullying & Harrassment

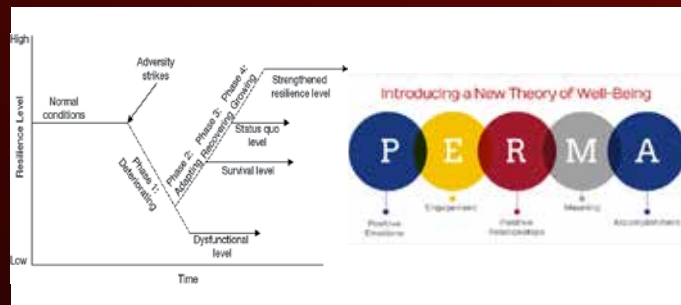


A valuable interactive module for anyone who works with others.

Course Includes

- What bullying is and isn't
- How to respond to bullying
- Reasonable behaviour in a reasonable way
- Escalation
- Your Company's procedure
- ... and more

Introduction to Building Resilience



Course Includes

- Your contacts for help
- What is resilience?
- Biology of stress
- Grit: passion and perseverance
- **PERMA** - Positive emotion, Engagement, Relationships, Meaning and Achievement
- Ways to increase Resilience - Different solutions for different people

Interview & presentation skills for Job-Seekers

This module is suitable for final year students and job-seekers wanting to polish their interview and presentation skills in an effort to maximise professional employability. It covers a range of areas including the recording a personal profile video that can be uploaded to **LinkedIn**.

Course Includes:

- Interview etiquette for online and in-person interviews
- Matching your CV to your real-life skills and experience
- Behavioural interviewing awareness
- Record a personal introduction video



Industrial training: Your health & safety for new employees/interns

This course is suitable for young employees embarking on their first professional role or student placement.

Course Includes:

- Duty of care
- Employer responsibilities
- Safety routines
- Your health and safety responsibilities
- Induction – What should you receive?
- Quiz

Appropriate Workplace Behaviour for New Employees & Interns

This course is suitable for young employees embarking on their first professional role or student placement.

Course Includes

- Employer expectations of employee workplace behaviour
- Behaviour, employability and industrial training
- Social media
- Adherence to legislative requirements
- Right to fair treatments
- Discrimination, harassment and bullying



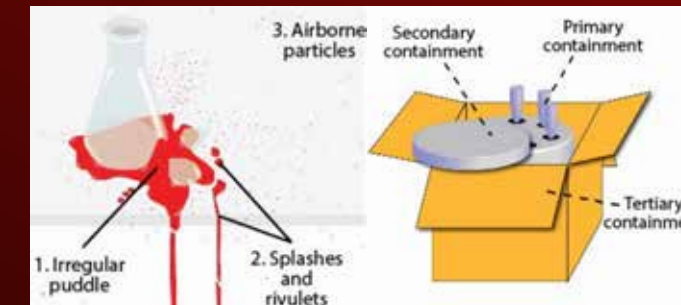


Laboratory Safety

Biosafety

1. Biosafety Principles

Teaches the principles of risk management and biocontainment when using biologically hazardous substances under different physical containment conditions (PC1,2,3)



Course Includes

- Legislative and Regulatory principles
- Route of exposure and transmission
- Biohazard classification
- Protective equipment
- Waste containment, decontamination, disposal and transport
- Appropriate methods of transport

3. Biosecurity and Quarantine

Biosecurity and quarantine awareness is a “laboratory specific” awareness module, developed to supplement the required biosecurity course which is more generic in nature.

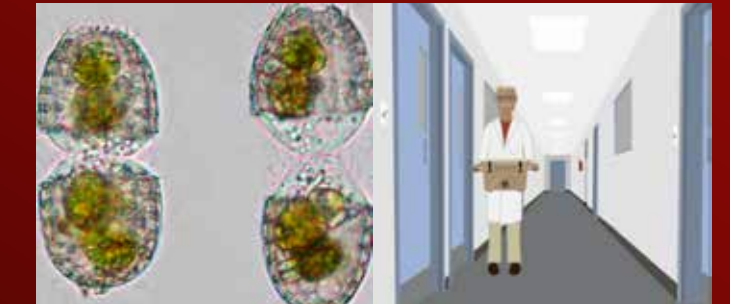
Course Includes

- Quarantine history & importance
- Biosecurity in Australia
- Biosecurity animal
- Biosecurity plant
- Approved arrangements
- Application and reporting processes

All contextualised to the research laboratory setting.

2. Gene Technology

Use, storage, transport and disposal of genetically modified organisms and products. Both a new and refresher course for complying with OGTR regulations.



Course Includes

- Office of the Gene Technology Regulator
- Genetically modified organisms and products
- Legislative and regulatory requirements
- Personal protective equipment
- Facility checklist
- Transport, decontamination, disposal and labeling
- Safe storage and disposal

Super Biosafety Module

Super-Biosafety is a double length module which can be customised to include content from Biosafety 1, 2 or 3, plus additional content below:

Additional Content Options

- Managing biological risk in labs
- Blood-borne pathogens
- Laboratory animal allergens
- Animal handling and zoonoses



General Laboratory Introduction



A thorough precursor to many other laboratory safety modules and useful for any new laboratory user. Follows Australian Std. 2243.1

Course Includes

- Planning and operational risk
- Management systems
- General safety procedures
- Personal protective equipment
- Chemicals & Hazards

See also: Our “gamified” lab intro, p.3

Chemicals 1: Identifying Chemical Hazards



Course Includes

- Introduction to chemical legislation for staff and students
- Classifying chemicals using the Globally Harmonized System (GHS)
- Demonstration of Safety Data Sheets and Material Safety Data Sheets
- Labeling - differences between the GHS and older systems
- GHS chemical labels

Liquid Nitrogen Safety



Course Includes

- OHS/WHs legislation
- Physical properties of liquid nitrogen
- Suitable containment
- Hazards and Precautions
- General safety at bulk decanting stations
- Personal protective equipment
- Examples of safe laboratory practices

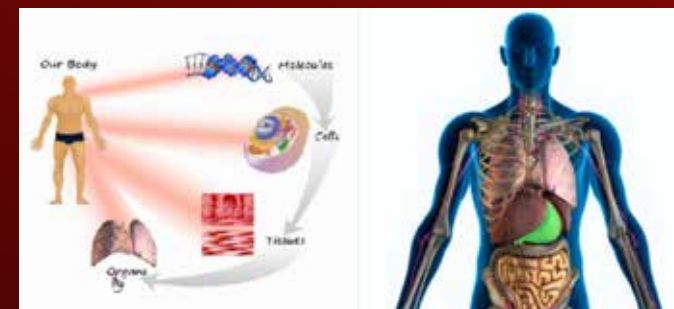
Chemicals 2: Toxicology



Course Includes

- Types of toxic hazard
- Effects of toxic hazards on the human body
- How can toxic chemicals get into the body, describing the routes of entry
- Dose and toxicity: what factors affect the dose that is received
- The dose-response curve and its relevance to toxicology
- Toxicology in risk assessments

Radiation 1: Ionising Radiation & Research



Course Includes

- The structure of matter
- Radiation regulations
- The electromagnetic spectrum
- Types of radiation and their properties
- Radiation/matter interaction
- Biological effects of radiation
- Properties and hazards of common lab radioisotopes
- Radiation detection and measurement
- External hazard controls
- Internal hazard controls

Radiation 3: X-Rays

NOTE - Radiation 1+3 meet requirements for licensing conditions IA5 and IA8

Course Includes

- Exposure pathways
- Types of X-ray sources
- X-ray system types and monitoring
- Detecting contamination in sealed sources
- Personal monitoring
- Minimising exposure and dose
- Beam access Code of Practice
- Personal Protective Equipment

Radiation 2: Unsealed Sources

NOTE - Radiation 1+2 meet requirements for licensing conditions S5 and S8

Course Includes

- Exposure and pathways – internal vs external
- Behaviour of common isotopes
- Definition of the types of radiation sources
- Contamination detection and personal monitoring
- Maximising exposure and dose
- Personal protective equipment
- Laboratory Practices

Fume Cupboards



Course Includes

- Introduction to fume cupboards and other types of laboratory exhaust ventilation systems
- Operation and fume containment
- Analysis of the effectiveness of fume cupboards for control of hazardous or toxic fumes
- Real-time interactive scenarios with simulated flow visualisations show how fume cupboards behave
- Exercises and simulated scenarios



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