

# Power Generation Skills Development

Professional development  
for the power sector





# About the Program

- **Generators identified 47 skill areas**
- **Universities condensed these into 16 courses**
- **Each course is equivalent to a semester of study**
- **Five compulsory courses**
- **Eleven elective courses**
- **Masters award after 8 courses**
- **Graduate Certificate award after 4 courses**
- **Electives for specific engineering discipline areas**
- **Individual courses can also be taken for CPD  
(with no degree award)**

# Career and Competency Streams

Group Title	Control	Heavy	Process	Mech Boiler	Mech Turbine	Materials	Gas
Applied Thermodynamics			*		*	*	*
Advanced Power Plant	*		*	*	*		
Plant Control Systems	*		*				*
Power Plant Chemistry					*	*	
Industrial Power Distribution		*					
Bulk Materials and Waste Products				*			
Plant Materials				*		*	
Generator Technology Design and Operation		*					
Transformer Technology Design and Operation		*					
Industrial Power Systems	*						
Gas Plant and Systems							*

# Why study the program

- **Compressed intensive mode delivery**
  - 1 x 5 day module or split – 2, 3 day modules
- **Minimises time off the job**
- **Maximises networking with other participants**
- **Developed & delivered in conjunction with industry experts**
- **Offers accelerated development for graduates or experienced staff**
- **At easy to access major locations**
- **Can be delivered at sites or other locations**



## Contacts - enrolments

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