

- Metallurgist
- Geologist
- Electrical Engineering
- Occupational Hygienist
- Metallurgy
- Civil Engineering
- BSc in Physics, Mathematics, Chemistry
- Energy and Mineral Economist
- Health and Safety Representative and Inspector
- Surveyor
- Mechanical Engineering
- Chemical Engineering
- Medical Practitioner
- Energy studies
- Economics
- BSc in Nuclear
- Environmental Management

### QUALIFICATION OPTIONS

The following are the qualification options and requirements to enroll for the above-mentioned careers:

QUALIFICATION	REQUIREMENT TO ENROLL
National Diploma	Grade 12 certificate or equivalent, with mathematics and physical science level 5 and above (Depend on the institution)
Advance Diploma	National Diploma
Bachelor's Degree	Grade 12 Certificate, with bachelor's degree pass and mathematics & physical science on level 5 and above (Depend on the institution)

The department has six (6) programmes, developed in line with the objective to develop a mineral resources and energy sector that promotes economic growth and development, social equity, and environmental sustainability

PROGRAMME	PROGRAMME PURPOSE
Administration	Provide strategic support and management services to the Ministry and the DMRE.
Minerals and Petroleum Regulation	Regulate the mining, minerals and petroleum industry.
Mining, Minerals and Energy Policy Development	Formulate and maintain an integrated minerals and energy policy to promote and encourage investment into the mining and energy industry.
Mine Health and Safety Inspectorate	Ensure healthy and safety of employees in the mines.
Programmes and Projects	Manage, coordinate, and monitor programmes and projects focused on access to mineral and energy resources.
Nuclear Energy Management	Manage nuclear industry.

### Other disciplines in the Department are:

- Communications
- Legal Services
- Internal Audit
- Administration
- Strategy Monitoring & Evaluation
- Human resources
- Risk Management
- Information Technology
- Supply Chain Management



### FOR MORE INFORMATION CONTACT:

#### Directorate: Human Resource Utilization & Development (HRU&D)

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- OR
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Corner Paul Kruger & Visagie
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- 🌐 [www.dmre.gov.za](http://www.dmre.gov.za)

# DEPARTMENT OF MINERAL RESOURCES AND ENERGY



## INFORMATION BROCHURE



mineral resources  
& energy

Department:  
Mineral Resources and Energy  
REPUBLIC OF SOUTH AFRICA



# DEPARTMENT OF MINERAL RESOURCES AND ENERGY

## AIM



To develop a mineral resources and energy sector that promotes economic growth and development, social equity and environmental sustainability.

## VISION:



To be a leader in the transformation of South Africa through economic growth and sustainable development in the mining and energy sectors.

## MISSION:



To regulate, transform and promote the minerals and energy sectors, providing sustainable and affordable energy for growth and development, and ensuring that all South Africans derive sustainable benefit from the country's mineral wealth

## VALUES

Batho-Pele (Sotho for "People First")	Represents a DMRE that is service orientated, strives for excellence in service delivery, commits to continuous service delivery improvement for the achievement of a better life for all, and seeks to include all citizens through services and programmes.
Ethics	Represents our moral principles as reflected by the Code of Conduct for Public Servants, i.e. what we understand, know about, and mean when we resolve what is right and what is wrong.
Honesty	Represents a facet of moral character and denotes positive, virtuous attributes such as integrity, truthfulness and straightforwardness along with the absence of lying, cheating or theft.
Integrity	Represents consistency of actions, values, methods, measures, principles, expectations, and outcomes and is regarded as the honesty and truthfulness or accuracy of one's actions.
Accountability	Represents the acknowledgment and assumption of responsibility for our actions, decisions, policies, administration, and governance.
Professionalism	Represents workers who enjoy considerable work autonomy and are commonly engaged in creative and intellectually challenging work that requires impressive competence in a particular activity.
Ubuntu	Represents our interconnectedness and our approach that is open, available and affirming of others.
My Public Servant – My Future (We belong, We care, We serve)	Represents public servants at the centre of delivering quality services to the citizens in line with the dictates of the Constitution of the Republic of South Africa.

## EDUCATIONAL OPPORTUNITIES OFFERED AT DMRE

The following educational opportunities are offered by the Department of Mineral Resources & Energy:

- Bursaries
- Internships
- Learnerships/Experiential training/Work Integrated Learning

## WHY CHOOSE A CAREER IN THE MINING AND ENERGY SECTORS:

The Mining and Energy sectors provides a variety of career opportunities for candidates within managerial, professional, technical and trade, machine operating, administrative and clerical positions. A high level of technical and analytical proficiency is required to excel in most occupations. It is extremely important for any candidate considering a career in the sector to include mathematics and science in their subject choice, as these two subjects are a prerequisite for most fields in the sector.

## WORKING CONDITIONS IN THE MINING AND ENERGY SECTOR

The work environments within the sector differ by occupation. Management executives, scientists, technicians, administrators and clerical workers, work in offices and laboratories. Engineers and managers usually find their time shared between offices and the mines. Engineers may find that they must travel for extended periods to remote locations, in all types of terrain.

## PROFESSIONAL CAREER OPTIONS WITHIN THE DMRE, MINING, MINERALS AND ENERGY SECTORS

The professional career options within the Department of Mineral resources and Energy and the mining, minerals and energy sector have a strong focus on technical fields such as engineering. There are other important fields dealing with health and safety. A good aptitude for science and mathematics at senior certificate level is essential to pursue studies in engineering.

The following professional career options (occupations) are available within the Department, mining, minerals, and Energy sector:

- Production/Operation Management (Mining)
- Mining Engineering