



PROFESSIONAL DIPLOMA IN PETROLEUM ENGINEERING

The one-year Diploma in Petroleum Engineering provides intensive training in the core principles and practical applications of petroleum engineering. Designed for individuals seeking rapid entry into the oil and gas industry, the program emphasizes real-world skills in drilling, reservoir management, production systems, and health & safety.

-Graduates of this diploma will be equipped to:

-Understand the fundamental principles of petroleum exploration and production

-Assist in planning and supervising drilling and well-completion operations

-Analyze reservoir behavior and optimize production techniques

-Apply safety standards and environmental protection protocols

-Operate industry-relevant tools and software



Cambridge

Technical College

Program	Professional Diploma in Petroleum Engineering	
Credit Hours	240 Training Hours	
Duration	Academic Year (9 Months)	
SUBJECT	TRAINING HOURS	CODE
ENGLISH LANGUAGE 101	20	EN101
ENGLISH LANGUAGE 102	20	EN102
COMPUTER SKILLS	12	CS101
CHEMISTRY	12	PA110
GEOLOGY	12	PE101
PETROLEUM GEOLOGY	12	PE102
IWCF PRINCIPLE AND PROCEDURE	12	PE103
WELL TESTING	12	PE104
PETROLEUM PRODUCTION	12	PE105
DRILLING FLUIDS	12	PE106
DRILLING ENGINEERING (1)	20	PE107
HYDRAULIC MACHINERY	16	PE108
SAFETY (1)	16	PS101
DRILLING ENGINEERING (2)	20	PE109
SAFETY (2)	12	PS102
PRACTICAL TRAINING	20	PE110