

CAREER
PATHS

Petroleum I

Career Paths: Petroleum I is a new educational resource for petroleum industry professionals who want to improve their English communication in a work environment. Incorporating career-specific vocabulary and contexts, each unit offers step-by-step instruction that immerses students in the four key language components: reading, listening, speaking, and writing. **Career Paths: Petroleum I** addresses topics including jobs in the industry, types of oil rigs, petroleum mapping, oil rig mechanical systems, and the drilling process.

The series is organized into three levels of difficulty and offers a minimum of 400 vocabulary terms and phrases. Every unit includes a test of reading comprehension, vocabulary, and listening skills, and leads students through written and oral production.

Included Features:

- A variety of realistic reading passages
- Career-specific dialogues
- 45 reading and listening comprehension checks
- Over 400 vocabulary terms and phrases
- Guided speaking and writing exercises
- Complete glossary of terms and phrases

The **Teacher's book** contains a full answer key and audio scripts.

The **audio CDs** contain all recorded material in American English and British English.

Books 1-3 of **Career Paths: Petroleum I** are rated for the Common European Framework of Reference for Languages at A1, A2 and B1 respectively.



Express Publishing

ISBN 978-1-78098-686-9



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CAREER PATHS Petroleum I Student's Book

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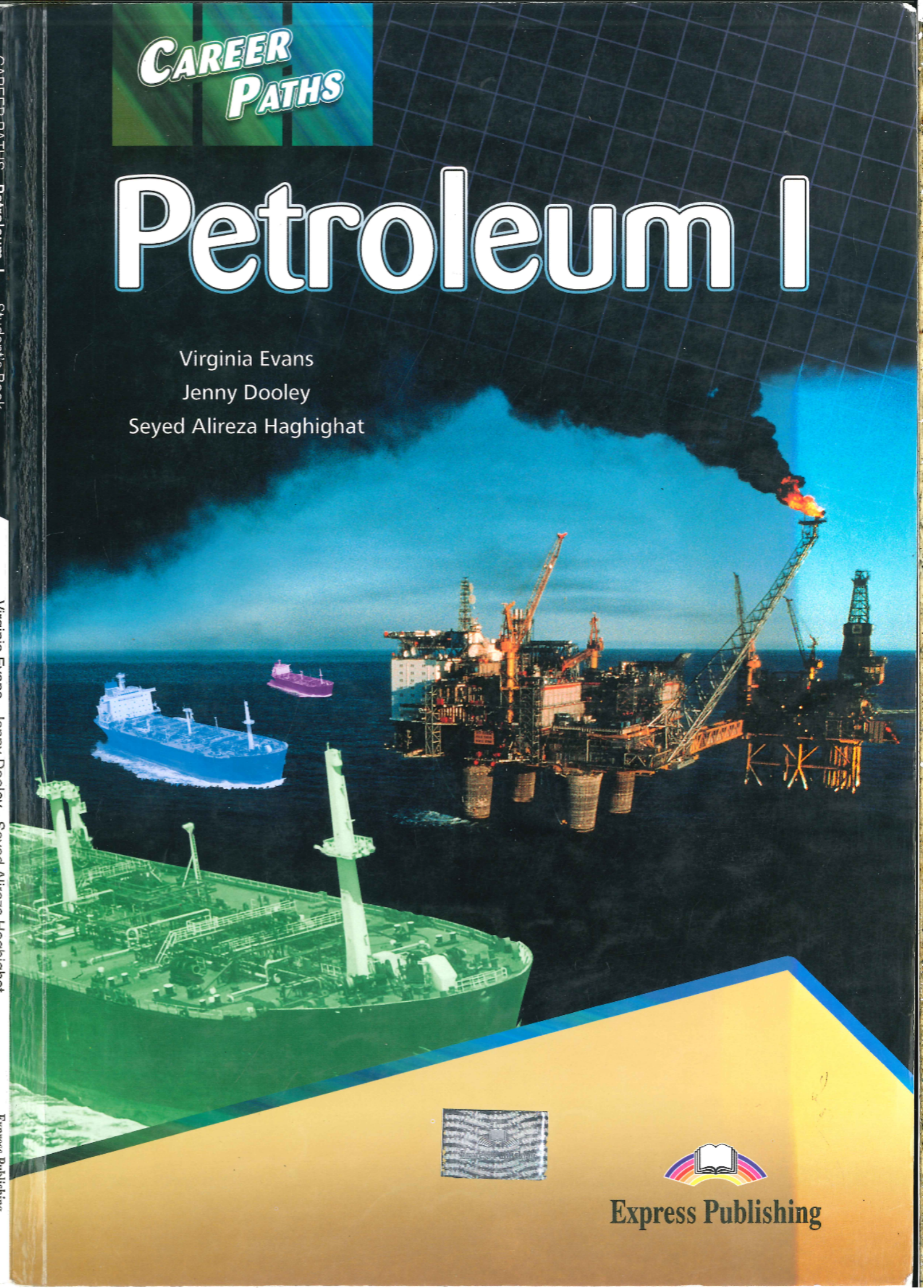
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1

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Scope and sequence

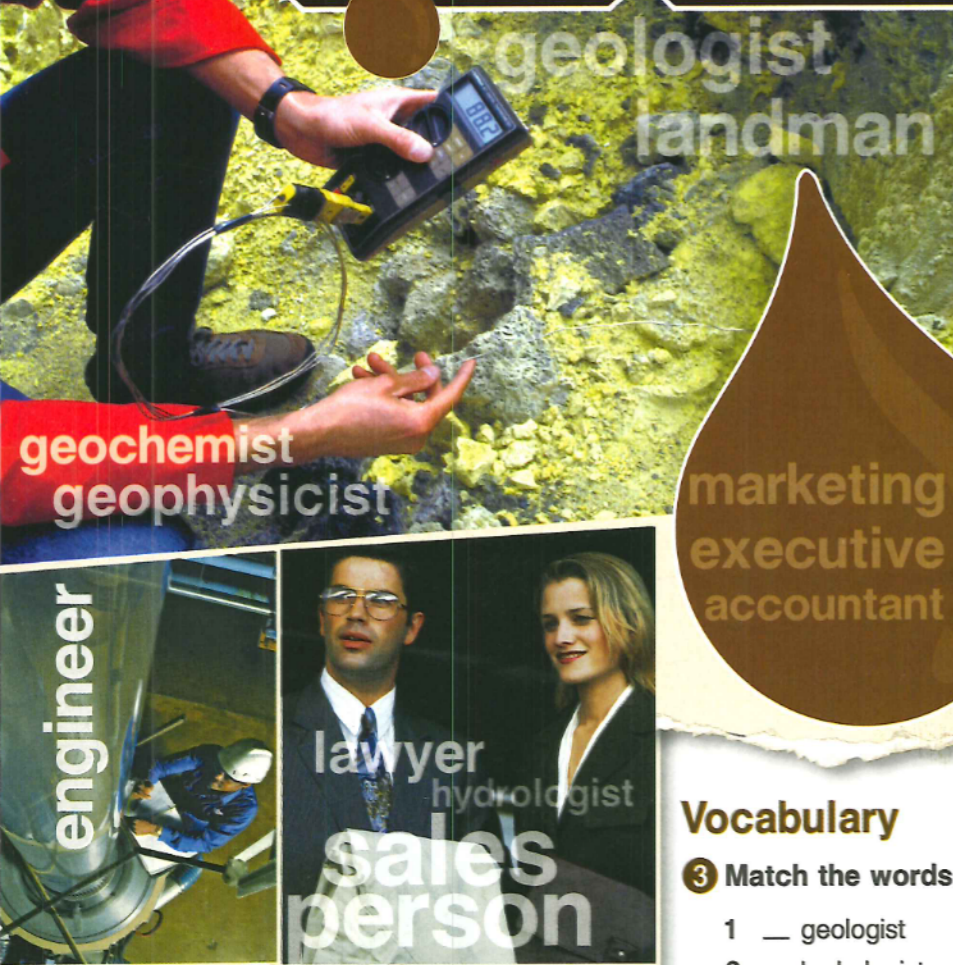
Unit	Topic	Reading context	Vocabulary	Function
1	Petroleum jobs 1	An occupational manual	geologist, engineer, geophysicist, accountant, lawyer, landman, salesperson, geochemist, hydrologist, marketing executive	Introducing yourself (<i>Hi, I'm ..., nice to meet you ...</i>)
2	Petroleum jobs 2	Job advertisement	rig manager (toolpusher), driller, derrick man (derrick monkey), roughneck, roustabout, production foreman, pumper, gauger, diver, rig welder, medic	Asking for information
3	In the company	"Who We Are" webpage for an oil company	oil field, pipeline, upstream, downstream, onshore, offshore, proven reserves, explore, extract, recover, platform, producer, operations, transportation, barrel, distribution	Commenting on a statement
4	In the oil field	Rig worker trade magazine article	wildcat, catline, catwalk, doghouse, fish, fishing, flare, hand, joint, possum belly, knowledge box, pill	Checking for understanding
5	Work locations	Memo to employees	polar, desert, jungle, coast, tropical, tundra, arctic, region, island, prairie, remote, relocation	Asking if someone is available
6	Weather conditions	A manual for rig workers	arid, blizzard, sandstorm, hurricane, monsoon, gale-force wind, humid, thunderstorm, extreme, tornado, rain, snow, hail, lightning, precaution, evacuate	Asking for an opinion
7	Working conditions	Recruitment pamphlet for an oil company	shift work, hours on / hours off, perk, facility, hazardous, manual labor, on leave, salary, skills, arduous, harsh	Getting confirmation
8	Actions	Job advertisement	assemble, repair, screw, tighten, inspect, dig, erect, derrick, locate, bail, bolt, supply, provide, clear, plug, cap, climb	Repeating something back
9	Basic tools	Catalog page for a tool company	grinder, screwdriver, file, hammer, saw, spanner, pipe wrench, drill, chisel, vice, pliers, drill bit, welder, chainsaw, hacksaw	Asking for something
10	Specialized tools	Webpage for a tool manufacturer	pig, overshot, gas buster, packer, drilling jar, fishing jar, fluid bailer, swage, bumper sub, intensifier, mechanical, hydraulic, tongs	Describing an object
11	Numbers	Memo regarding production costs	is, equals, comes to, and, plus, add, minus, less, subtract, times, multiplied by, hundred, estimate	Talking about approximation
12	Geometry	Course description	triangle, rectangle, square, circle, hexagon, cylinder, sphere, cube, octagon, vertical, horizontal, diagonal, volume, surface area, height, width, length	Getting clarification
13	Measurements	Article on using measurements	inch, centimeter, feet, yard, millimeter, cubic inch, meters, miles, kilometers, depth, thickness, cubic meters, acre, hectare, pint, quart, liter, gallon	Agreeing with an assessment
14	Measuring tools	Webpage for a company that sells tools	bellows, bourdon tube, differential pressure bellows, helical bourdon tube, level, rotameter, caliper, measuring tape, ruler, inventory	Disagreeing with someone
15	Safety equipment	Worker safety poster	require, coverall, steel-toe boot, hard hat, high visibility jacket, face shield, gloves, ear plug, respirator mask, fumes, chemical	Discussing a subject

Table of contents

Unit 1 - Jobs in the oil industry	4
Unit 2 - Jobs in the oil industry 2	6
Unit 3 - In the company	8
Unit 4 - In the oil field	10
Unit 5 - Work locations	12
Unit 6 - Weather conditions	14
Unit 7 - Working conditions	16
Unit 8 - Actions	18
Unit 9 - Basic tools	20
Unit 10 - Specialized tools	22
Unit 11 - Numbers	24
Unit 12 - Geometry	26
Unit 13 - Measurements	28
Unit 14 - Measuring tools	30
Unit 15 - Safety equipment	32
Glossary	34

1 Jobs in the oil industry

OIL INDUSTRY JOBS



There are many job opportunities in the oil industry. Oil companies need workers in their offices as well as on rigs. Some of these office jobs require college degrees. **Lawyers** must have a law school degree. **Accountants, landmen and marketing executives** need business degrees. A **salesperson** position might also require a degree. However, there are companies that hire salespeople based on experience instead of education.

Businesspeople are not the only college-educated workers employed by oil companies. Scientists and **engineers** also find rewarding careers in the oil industry. **Geologists, geophysicists, geochemists** and **hydrologists** locate oil for oil companies. They work in offices, laboratories and in the oil fields.

Vocabulary

3 Match the words (1-6) with the definitions (A-F).

- | | |
|-------------------|---------------------------|
| 1 ___ geologist | 4 ___ marketing executive |
| 2 ___ hydrologist | 5 ___ geochemist |
| 3 ___ accountant | 6 ___ landman |

- A a person who studies the chemistry of the earth
- B a person who develops advertising for a company
- C a person who acquires mineral rights to a piece of land for a company
- D a person who studies water quality and movement.
- E a person who keeps financial records for a company
- F a person who studies the earth's structure and formation

4 Fill in the blanks with the correct words from the word bank.

Word BANK

lawyer salesperson engineer geophysicist

- 1 The _____ made a successful sales pitch.
- 2 The company's _____ drew up the contract.
- 3 Amy is studying the forces of the earth so she can become a(n) _____.
- 4 The _____ figured out the best place to dig the oil well.

Get ready!

1 Before you read the passage, talk about these questions.

- 1 What are some jobs in the oil business that focus on the business side of the industry?
- 2 What are some jobs that require work out in the field?

Reading

2 Read the excerpt from the occupational manual. Then mark the following statements as true (T) or false (F).

- 1 ___ Salespeople need a college degree.
- 2 ___ Geologists find oil for oil companies.
- 3 ___ Lawyers are hired based on experience.