

Career Pathway's Scholarship Program

and

Careers In The Petroleum Industry

...Patrick Martens

...Keyera Energy

Possible Petroleum Careers

- Operations
- Production
- Accounting
- Administration
- Materials Inspection
- Safety, Health, Hygiene
- Environment
- Management
- Engineering
- Maintenance
 - Instrumentation
 - Pipe Fitter
 - Welder
 - Electrician
 - Measurement
- Computer Systems

Salaries & Benefits

- Operator
 - (\$20.00 – \$39.00/hr)
- Maintenance
 - -(\$20.00 – 37.00/hr)
- Administration
 - (\$15.00 – \$28.00/hr)
- Management
 - (\$30.00 - \$60.00/hr)
- Sick Days
- Vacation (3 – 5 weeks)
- Medical Benefits
- Community Days
- Retirement Package
- Vehicle
- Education Courses

Hours of Work



- Administration & Management – 40 Hrs/wk
- Operations 12 hr Shifts (2 & 3 rotation)
- Maintenance 40 hrs/wk (overtime)

Basic Safety Training

- First Aid
- CPR
- H₂S Alive
- TDG
- WHIMS
- Fire Training
- Confined Space



Your Education & The Oil & Gas Industry



Chemistry

- Organic Chemistry
- Absorption –
Chemical Reaction
- Adsorption –
“Physical Sticking”
- Sulphur Plant –
Chemical Reactions



Physics

- Electricity
- Instrumentation
- Wave Particles
- Magnetic Force Fields
- Vapour Pressure
- Density of Gas



Mathematics

- Strength of Materials
- Fluid Dynamics
- Thermo Dynamics
- Machine Design
- Process Design
- Mechanical Design
- Accounting

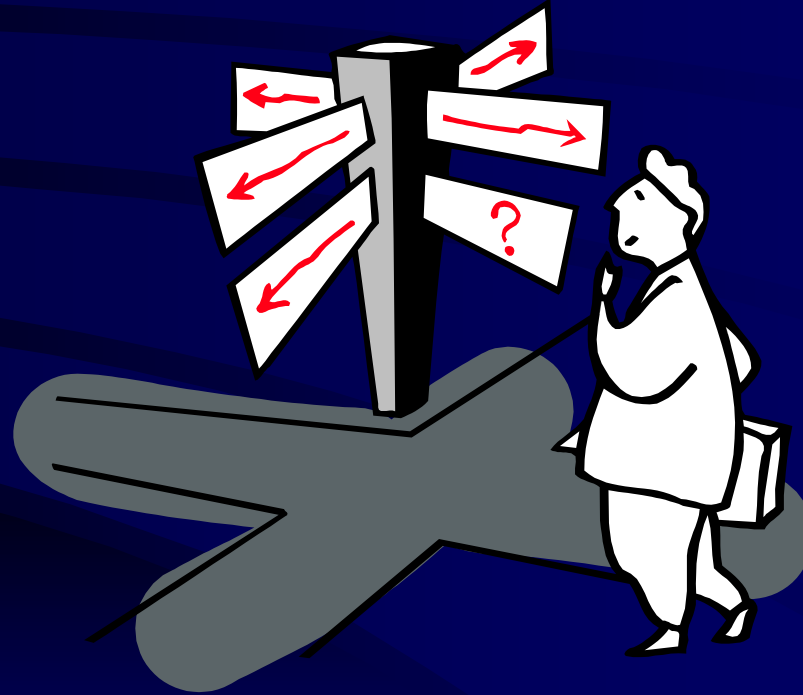


English

- Report Writing
- E-Mails
- Letters
- Presentations
- Specifications
- Bid Documents
- Contracts
- Procedures



Career Pathway's Decision Making



Choosing A Career

- What have I done before?
 - What do I like to do?
 - What don't I like to do?
 - What do I want to do after school?
-
- Dream A Little!

My Skills, Interests, Values & Traits

- Skills – Math, Computers, Driving
- Interests – Sports, Music, Talking to People
- Values – Helping Others, Being Independent
- Traits – Energetic, Shy, Easy-Going

Post Secondary Education Options

- Trades (4 yrs)
- Power Engineering (Class 4 – 1)
- College (1-3 Yrs)
- University (4-8 Yrs)
- Career (Lifetime of Learning)



Career Pathway's Program

Career Pathway's Scholarship Program

- Post Secondary Education in Oil & Gas Field
- Two (2) year scholarships which covers the cost of tuition plus administration costs are available
- Summer employment at the regional office or at a field location (Students must be at least 18 years old).
- **Possible Full Time Employment Upon Graduation**

Application Requirements

- Complete Application Form Identifying Career Path.

(Application forms can be picked up at your high school career counselor's office.)

- Include “interim” course transcripts
 - Pure Math 30
 - Physics 30
 - English 30
- Applicants will be selected for each academic year
(Goal is to have one scholarship for each qualified applicant)

Additional Career Pathway's Support

- Industry Personnel Available for Information Sessions
 - Contact Patrick Martens at:
 - (1.403.205.8333) or
 - Patrick_Martens@Keyera.com
- Job-shadowing Opportunities
- Career Mentoring

Thank You

Questions?