**Applied Technology**

**Energy/Small Gas Engine Requirements:**

**For this module you are to research and define all of the terms listed below. If possible give examples to better explain the term or illustrate with diagrams. Save this document in your Applied Technology folder in the appropriate module folder.**

**Top Dead Center**

**Bottom Dead Center**

**How to Calculate Bore/Stroke**

**Timing**

**Ignition**

**Compression Ring**

**Fly Wheel**

**Exhaust Valve**

**Intake Valve**

**Piston**

**For this module you are to research and define all of the tools listed below. If possible give examples to better explain the tool or illustrate with diagrams. Include in your definition proper safety use as well.**

**Open Face Wrenches**

**Socket Set**

**Sparkplug Wrench**

**Ring Compression Wrench**

**Tourque Wrench**

**Fly Wheel Wrench**

**Valve Compression Wrench**

**Caliper**

**Feeler Guage**

**Needle Nose Pliers**

**List 5 possible careers that relate to this module. Find out what the educational reqiurements would be as well as the job availability in Saint John, The Maritimes, Ontario and British Columbia. Present your findings as a Word Document and save in the appropriate module folder. Value =10, 5 marks for 5 careers listed, 4 marks for jab availability in the areas stated above and 1 mark for education needed.**

**Careers: (Value /5)**

**1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Educational Requirements: (Value /1)**

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**Job Availability Comparison: (Value /4)**

**Saint John - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Maritimes - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Ontario - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**British Columbia - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**