

INDT 100 Lesson 4

Week #: 2 Lesson 4

Subject: Instrument interpretation

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<p>Overview</p> <p>How to read instruments</p>	<p>Purpose</p> <p>Taking information (and units) from indicators and using the data correctly</p>
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		Teacher's or other reference	
<p>Objectives Skills/information that will be learned.</p>	<p>Identify quantities measured by instruments. Convert that data to other units or physical properties. Communicate to others the value of those quantities.</p>		<p>Materials Needed</p> <ul style="list-style-type: none"> •
<p>Information (Give and/or demonstrate necessary information)</p>	<p>Show random gauges from old automobiles then new automobiles, then old planes to new planes use PPT. Then go to electric meters and measuring instruments.</p>	<p>PPT in this folder on gauges.</p>	
<p>Verification (Steps to check for student understanding)</p>	<p>Discuss distance, time, show the math. Length conversions. Show the math.</p>		<p>Other Resources</p>
<p>Activity (Describe the independent activity to reinforce this lesson)</p>	<p>Have them measure their velocity (average), Find the speed of the Orange Trainer, Have them measure several items with micrometer and indicators. Repeat with electrical meters</p>		
<p>Summary</p>	<p>Measuring instruments are just as important as the units they measure.</p>		<p>Additional Notes Give Quiz #2</p>