

Student Learning Outcome 1: Graduates apply critical thinking in academic and professional environments.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
<p>70% of course outcomes will be met based on student performance</p> <p>80% of course outcomes will be met based on end of course student surveys</p>	<p>25% (3 of 12) course outcomes were met based on student performance – DOES NOT MEET EXPECTATIONS</p> <p>100% (12 of 12) course outcomes were met based on end of course student surveys</p>	<p>Make sure outcomes surveys are done for all core courses – especially those taught by visiting lecturers</p> <p>Make sure visiting lecturers use the course outcomes developed by the department</p> <p>PRTC 121 – consider evaluating activities & group projects for some outcomes rather than strictly using embedded test questions</p> <p>PRTC 206 – dedicate more time during lab lecture reviewing graded troubleshooting exercises to ensure students understand basic troubleshooting techniques</p> <p>PRTC 240 – develop more in-class activities/exercises demonstrating controller response & put together a worksheet for analyzing controller response</p> <p>Continue to monitor the status of outcomes to see if these results are consistent over two to three years.</p>

Student Learning Outcome 2: Graduates formulate and express ideas effectively through oral, written, and/or technological communications in academic and professional environments.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
<p>70% of course outcomes will be met based on student performance</p> <p>80% of course outcomes will be met based on end of course student surveys</p>	<p>69% (9 of 13) course outcomes were met based on student performance – DOES NOT MEET EXPECTATIONS</p> <p>100% (13 of 13) course outcomes were met based on end of course student surveys</p>	<p>Make sure outcomes surveys are done for all core courses – especially those taught by visiting lecturers</p> <p>Make sure visiting lecturers use the course outcomes developed by the department</p> <p>PRTC 121 – consider evaluating activities & group projects for some outcomes rather than strictly using embedded test questions</p> <p>PRTC 121 – develop a writing rubric for point scoring papers & summaries to assess written communication</p> <p>PRTC 206 – dedicate more time during lab lecture reviewing graded troubleshooting exercises to ensure students understand basic troubleshooting techniques</p> <p>PRTC 240 – do some team-building exercises early on in class.</p> <p>Continue to monitor the status of outcomes to see if these results are consistent over two to three years.</p>

Student Learning Outcome 3: Graduates analyze the global community to make sound judgments in academic and professional environments.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
70% of course outcomes will be met based on student performance 80% of course outcomes will be met based on end of course student surveys	83% (5 of 6) course outcomes were met based on student performance 100% (6 of 6) course outcomes were met based on end of course student surveys	Continue to monitor the status of outcomes to see if these results are consistent over two to three years.

Student Learning Outcome 4: Graduates contribute as part of a team.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
<p>70% of course outcomes will be met based on student performance</p> <p>80% of course outcomes will be met based on end of course student surveys</p>	<p>58% (7 of 12) course outcomes were met based on student performance – DOES NOT MEET EXPECTATIONS</p> <p>100% (12 of 12) course outcomes were met based on end of course student surveys</p>	<p>Make sure outcomes surveys are done for all core courses – especially those taught by visiting lecturers</p> <p>Make sure visiting lecturers use the course outcomes developed by the department</p> <p>PRTC 121 – consider evaluating activities & group projects for some outcomes rather than strictly using embedded test questions</p> <p>PRTC 206 – dedicate more time during lab lecture reviewing graded troubleshooting exercises to ensure students understand basic troubleshooting techniques</p> <p>PRTC 240 – do some team-building exercises early on in class.</p> <p>Continue to monitor the status of outcomes to see if these results are consistent over two to three years.</p>

Student Learning Outcome 5: Graduates appreciate the requirements of employees in an industrial workplace.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
70% of course outcomes will be met based on student performance 80% of course outcomes will be met based on end of course student surveys	67% (10 of 15) course outcomes were met based on student performance – DOES NOT MEET EXPECTATIONS 100% (15 of 15) course outcomes were met based on end of course student surveys	Make sure outcomes surveys are done for all core courses – especially those taught by visiting lecturers Make sure visiting lecturers use the course outcomes developed by the department PRTC 121 – consider evaluating activities & group projects for some outcomes rather than strictly using embedded test questions Continue to monitor the status of outcomes to see if these results are consistent over two to three years.