

TABLE B: Aviation Program Educational Goal alignment with Aviation Student Learning Outcomes

Aviation Program Educational Goals	Aviation Student Learning Outcomes
<p><b><u>PEG1: General Aviation Knowledge:</u></b></p> <ul style="list-style-type: none"> <li>• Student will identify the major/regional carriers in aviation and evaluate how economic, social and political systems around the world impact decisions in the aviation industry</li> </ul>	<p>I. Assess the national and international aviation environment</p> <p>G. Assess contemporary issues</p> <p>H. Use the techniques, skills, and modern technology necessary for professional practice</p>
<p><b><u>PEG2: Professional Communication Skills:</u></b></p> <ul style="list-style-type: none"> <li>• Students will apply computer technology and information literacy skills to gather, analyze and disseminate information.</li> </ul>	<p>E. communicate effectively, using both written and oral communication skills</p>
<p><b><u>PEG3: Teamwork and Leadership Skills:</u></b></p> <ul style="list-style-type: none"> <li>• Students will learn how to organize into effective teams in order to solve business problems and demonstrate leadership skills within a team setting.</li> </ul>	<p>C. Work effectively on multi-disciplinary and diverse teams</p>
<p><b><u>PEG4: Critical Analysis and Quantitative Reasoning Skills:</u></b></p> <ul style="list-style-type: none"> <li>• Students will utilize critical analysis/quantitative reasoning to identify different alternatives, analyze all possible options, and determine the best solution.</li> </ul>	<p>B. Analyze and interpret data</p> <p>J. Apply pertinent knowledge in identifying and solving problems</p> <p>K. Apply knowledge of business sustainability to aviation issues</p>
<p><b><u>PEG5: Ethical Decision Making and Social Justice:</u></b></p> <ul style="list-style-type: none"> <li>• Students will analyze ethical issues and articulate how ethical decision making can be used to facilitate social justice.</li> </ul>	<p>D. Make professional and ethical decisions</p>
<p><b><u>PEG6: Integrative Learning:</u></b></p> <ul style="list-style-type: none"> <li>• Students will apply knowledge from the aviation core curriculum to their respective concentration(s).</li> </ul>	<p>A. Apply mathematics, science, and applied sciences to aviation-related disciplines</p> <p>F. Engage in and recognize the need for life-long learning</p>