AUTODESK

Contest-in-a-Box

Rubric

Check the appropriate score in the provided check box.

	EXCEPTIONAL—5/5	ACCOMPLISHED—3/5	DEVELOPING—1/5	NOT APPLICABLE—0/5
Video Submission	To score exceptionally in this category, participants should execute ALL of the following components: • Video submission within 5-minute-maximum time frame • CIB Participant presents extremely well to audience • CIB Participant covers lessons learned and highlights from competition • CIB Participant presents complete part and toolpath simulation extremely well to audience • CIB Participant correctly uploads video ☐	To score as accomplished in this category, participants should execute most of the following components: • Video submission between 3-5 minute time frame • CIB Participant presents well to the audience • CIB Participant covers some lessons learned or highlights from competition • CIB Participant presents complete part and toolpath simulation well to audience • CIB Participant correctly uploads video ☐	To score as developing in this category, participants should execute some of the following components: • Video submission is either shorter or longer than the 3-5 minute time frame • CIB Participant presents decently to the audience • CIB Participant briefly covers lessons learned or highlights from competition • CIB Participant presents complete part and toolpath simulation decently to audience • CIB Participant correctly uploads video ☐	To score as not applicable in this category, participants did not execute category guidelines for video presentation as outlined by the Contest-in-a-Box rubric. ☐
Project Portfolio	To score exceptionally in this category, participants should include ALL of the following components at an exceptional level: • Technical Drawings and Four View Pictures • Autodesk Fusion 360 File (F3D or F3Z) • Complete Project Snapshot • Manufacturing Strategy Summary (Process Justification) ☐	To score as accomplished in this category, participants should include most of the following components at a professional level: • Technical Drawings and Four View Pictures • Autodesk Fusion 360 File (F3D or F3Z) • Complete Project Snapshot • Manufacturing Strategy Summary (Process Justification) ☐	To score as developing in this category, participants should include some of the following components at a decent level: • Technical Drawings and Four View Pictures • Autodesk Fusion 360 File (F3D or F3Z) • Complete Project Snapshot • Manufacturing Strategy Summary (Process Justification) ☐	To score as not applicable in this category, participants did not execute project portfolio guidelines as outlined by the Contest-in-a-Box rubric. ☐
Technical Application	To score exceptionally in this category, participants should execute ALL of the following components at an exceptional level: • Labeling • Proper Toolpath Selection • Proper Cutting Tool Selection • Successful Fusion Simulation • Correct Speeds and Feeds ☐	To score as accomplished in this category, participants should execute most of the following components at a professional level: • Labeling • Proper Toolpath Selection • Proper Cutting Tool Selection • Successful Fusion Simulation • Correct Speeds and Feeds ☐	To score as developing in this category, participants should execute some of the following components at a decent level: • Labeling • Proper Toolpath Selection • Proper Cutting Tool Selection • Successful Fusion Simulation • Correct Speeds and Feeds ☐	To score as not applicable in this category, participants did not execute the competition technical application as outlined by the Contest-in-a-Box rubric. ☐
Final Product	To score exceptionally in this category, participants should execute ALL of the following components at an exceptional level: • Visual Inspection of Part (including surface finish of part, limited scratches, limited indentions, limited flaws) • Fit and Finish • Part assembles easily and seamlessly • Engraved with participant name and original design • Dimensionally Accurate • Machine Time ☐	To score as accomplished in this category, participants should execute most of the following components at a professional level: • Visual Inspection of Part (including surface finish of part, limited scratches, limited indentions, limited flaws) • Fit and Finish • Part assembles easily and seamlessly • Engraved with participant name and original design • Dimensionally Accurate • Machine Time ☐	To score as developing in this category, participants should execute some of the following components at a decent level: • Visual Inspection of Part (including surface finish of part, limited scratches, limited indentions, limited flaws) • Fit and Finish • Part assembles easily and seamlessly • Engraved with participant name and original design • Dimensionally Accurate • Machine Time ☐	To score as not applicable in this category, participants did not execute the final product expectations as outlined by the Contest-in-a-Box rubric. ☐

Bonus	**Opportunity One: Creativity** Students have the opportunity to gain up to five extra competition points by adding a creative piece to their final project. This can include, but is not limited to, the following ideas: • Engraving of participant name • Engraving of an original design • Interesting video submission **Score/5:** ☐	**Opportunity Two: Inspection Report** Students have the opportunity to gain up to five extra competition points by including an inspection report in their project portfolio. This inspection report should: • Include reports from manual measure in Fusion 360 and should include all critical inspection measurements. • Include labeling of these additional documents by CIB Participants. **Score/5:** ☐	**Opportunity Three: PDFs** Students have the opportunity to gain up to five extra competition points by including PDFs of their working drawing of the part, or PDFs of their work holding in their project portfolio. CIB Participants should be sure to label these additional documents. **Score/5:** ☐	**Grand Total:** ☐