

Manufacturing Design and Fabrication Project Grading Rubric

CATEGORY	4 (Exceeds)	3 (Proficient)	2	1
Blue Print or Drawing MNZ01.01 MNPJ10.01 MNPJ10.03 MNPJ10.09	Accurate design of project: <ul style="list-style-type: none"> • complete blue print or drawing with applied measurements and scale concepts in drafting and design • Multi-view drafted to industry standards • depicts assemblies of components • accurate measurements • completely labeled 	Accurate design of project: <ul style="list-style-type: none"> • complete blue print or drawing with applied measurements and scale • accurate measurements • most labels completed 	Design of Project: <ul style="list-style-type: none"> • Blue print or drawing not to specifications of project, • missing or inaccurate measurements • not labeled 	Design of Project: <ul style="list-style-type: none"> • Blue print or drawing not complete or not used in fabrication of project
Project Design MNZ10.01 MNPA10.01	Project is: <ul style="list-style-type: none"> • functional, practical and well thought out, • excellent design, • includes bill of materials, • written plan for fabrication 	Project is: <ul style="list-style-type: none"> • functional and practical, • includes bill of materials, • written plan for fabrication 	Project is: <ul style="list-style-type: none"> • not functional, • needs improvement, • does not include plan for fabrication 	Project is: <ul style="list-style-type: none"> • not functional or practical, • needs major improvement, • does not include bill of materials
Fabrication MNZ01.01 MNZ10.01 MNZ01.02	Project is: <ul style="list-style-type: none"> • correctly assembled, • more than 3 fabrication processes used 	Project is: <ul style="list-style-type: none"> • complete and assembled, • uses minimum of 3 fabrication processes 	Project is: <ul style="list-style-type: none"> • not assembled correctly, • used less than 3 fabrication process 	Project is: <ul style="list-style-type: none"> • NOT correctly assembled, • not finished
Presentation MNZ10.01 MNPA10.01	Explains processes involved in project covering: <ul style="list-style-type: none"> • design, • blue print and fabrication, • personal challenges • meeting customer needs • learning experiences 	Explains processes involved in project, covering: <ul style="list-style-type: none"> • design, • blue print or drawing • fabrication • meeting customer needs 	Presents project with: <ul style="list-style-type: none"> • not enough detail or explanation of processes • no blueprint or drawing 	<ul style="list-style-type: none"> • Presentation not prepared

Other Required Assesment Components: MNZ06.01, MNZ06.02, MNZ06.04	Completed/Demonstrated
Completed and passed Safety Unit/Certificate/Test (Assessment)	
Demonstrates Safe practices and procedures in the shop (Observation)	

