

Machine Shop Skills

	A	B	C	D	F
Job Completion	The job was 100% complete and worked according to the task description.	The job was complete and worked, but needed minor modifications.	The job was complete but did not work; needed several minor modifications.	The job was complete but did not work; needed several major modifications.	The job was incomplete and did not work.
Program (Mastercam)	The programs meet all standards and displayed critical thinking and time management.	The program meet most standards and completed the part.	The program completed the part with the exception time management and sequence.	The program did not complete the part; the student applied moderate effort.	The program did not complete the part and no effort was observed.
Ability to Follow Directions	Followed directions to the letter.	Followed directions.	Moderately followed directions.	Did not follow directions.	Did not appear concerned with directions.
Demonstrated Knowledge of Theory	Student knows and is able to identify and explain necessary theories for completion of the project.	Student is able to identify and explain necessary theories for completion of the project with some assistance.	Student is unable to identify or explain concepts without major prompting.	Student is not able to both identify and explain major theories.	Student is unable to either identify or explain any related theories to the project.
Level of Needed Assistance	Student was able to complete the task without assistance.	Student was able to complete the task with little assistance.	Student was able to complete the task with moderate assistance.	Student was unable to complete task without major assistance.	Student was unable to complete task with assistance.
Student Preparedness	Student had/gathered all materials and was completely ready to go to work.	Student had/gathered most materials and went to work.	Student had/gathered most materials, however, they needed excess time to do so.	Student did not have/gather some of the needed materials to perform work.	Student did not have/gather the needed materials and was unable to perform work.
Time Management	Routinely used time well throughout the project to get the job done on time.	Used time fairly well throughout the project.	Procrastinated somewhat but did get the job done on time.	Was unable to adequately meet timeline due to inability.	Did not meet timeline due to procrastination or wasting time.
Care of Machine, Tools & Cleanup	Student took great care of the precision tools & and equipment that he or she used. All tools where returned to tool room & the machine and work area was cleaned properly.	Student took some care with the precision tools & equipment. Work area & machine where partially cleaned. Some tools not returned to tool room.	Little care was taken with tools & machine. Few tools where returned to the tool room. Machine and work area not week cleaned.	Student failed to take care of tools and or did not clean the machine.	Student was careless with tools & or machine resulting in broken tools or equipment. Student did not return tools to the tool room and also did not clean machine and assigned work area.
Application of Safety Practices	Student followed all safety rules.	Student followed most safety rules, may have forgotten one.	Student attempted to follow safety rules but failed to meet several.	Student failed to follow a significant number of safety rules.	Student made no effort to follow safety rules.