Technical Standards for (Motorcycle Mechanics Technology)

Forsyth Tech COMMUNITY COLLEGE

Our program technical standards have been developed to help students understand nonacademic standards, skills, and performance requirements expected of a student in order to complete this particular curriculum.

If an accommodation is necessary to participate in the program, it is imperative to identify a reasonable accommodations to those students who qualify under the Americans with Disabilities Act (ADA). Reasonableness is determined by the Disability Services Office (DSO) and the program on a case-by-case basis utilizing the program technical standards. The accommodation needs to be in place prior to the start of the program, or it may delay your ability to start the program. It is the student's responsibility to contact the DSO and request accommodations.

Skills	Description	Specific Examples
Motor Skills	Be able to push, pull or lift 50lbs	Wheel, tires, engine components
	Able to perform repetitive physical movement	Operative lifts and jacks, start nuts and bolts, use common hand tools
	Ability to with hands above head for extended period of time	Load and unload motorcycle lift
	Duties may include working standing, stooping, reaching, and bending	Reach above shoulders and below waist
Hearing	Ability to respond to hazards and alerts by touch or sound	Fire alarms, carbon alarm and E-stops

Skills	Description	Specific Examples
	Ability to detect shop safety hazards	Vehicle operating or engine running in the shop area
Technological	Able to operate basic computerized word processing	Word, Excel and Power Point
	Able to look up online technical information	Vehicle service information
Communication	Ability to follow verbal and written instructions	Ability to follow technical instruction found in on-line service information
	Demonstrate the ability professionally interact with vehicle owner and employer	Ability to explain vehicle concerns to vehicle owner
	Ability to use correct technical terminology	Complete service work order using correct verbiage
	Read and write English	Complete exams and ability to communicate verbally or written to peers and customers
Critical Thinking/ Problem Solving	Ability to analyze vehicle electrical, mechanical, and hydraulic concerns	Diagnosis and repair faulty electrical system, diagnosis and repair engine noises using problem solving skills
	Mathematical skills thru algebra	Determine proper electrical wiring and fuses required to operate automotive electrical circuits

Skills	Description	Specific Examples
		Diagnose automotive brake and hydraulic systems Unit conversions and measurements
Interpersonal Skills	Work well with peers and small groups Able to accept constructive criticism	Being respectful of individuals from a diverse background Accept advice from peers, instructor, mentor, and employer
Environmental Tolerance	Ability to work long shifts standing Ability to get hand and clothes dirty Ability to tolerant smells Ability to work in extreme environmental conditions	10 hour or more shifts Rubber, gasoline, and lubricants Heat and cold
Shop Safety	Pass shop safety exam Wear PPE (personal protective equipment)	S/P (Safety and safety pollution) exam Safety glasses, face shield and hearing protection

Skills	Description	Specific Examples
Educational Requirements	Complete High School Apply to Forsyth Tech Meet with program advisor Maintain 2.0 GPA Purchase school uniform shirt	Diploma or GED Complete online application Attend a Student Orientation Advising Registration (SOAR) session, before signing up for classes. GPA of 2.0 is required for graduation of MCM program

This document is intended to serve as a guide regarding the physical, emotional, intellectual and psychosocial expectations placed on a student. This document cannot include every conceivable action, task, ability or behavior that may be expected of a student. Meeting these technical standards does not guarantee employment in this field upon graduation. Ability to meet the program's technical standards does not guarantee a student's eligibility for any licensure, certification exam, or successful completion of the degree program.