



Reynolds High School

Exploring Automotive

Building Relationships for Academic Success

Instructor Name Mr. Long **Phone with ext.** (503)667-3186 ext. 1099

Room Number 127/128

Email Address along@rsd7.net

Required Textbooks/Materials: School laptop, laptop charger

Course Description – This is an introductory course where students learn the basic terminology, location and purpose of major components of the automobile including the engine, transmission, brakes, suspension, steering, electrical and air conditioning systems. 2 and 4 stroke gas engines are discussed at length, 4 stroke diesel engine theory is briefly discussed.

Shop practice topics include shop safety, basic hand tools, basic vehicle services including oil changes, fluid inspections, tire and wheel inspection. Students will disassemble a functional small engine, identify components, reassemble and verify the engine runs. This course is also designed to expose students to the Automotive Technology career pathway. This course does *not* cover the diagnosis or repair of vehicles.

Course Requirements – Completion of graded assignments. Participation during small engine unit.

Grading Policy Description – Students will be graded based on the following: participation, text book assignments, web-based assignments, open note quizzes, oral and written tests.

The **ONLY** grade that matters is what is posted in Synergy (Parentvue/Studentvue). There will be grades in Schoology but not all Schoology grades will be posted in Synergy and there will be other things not in Schoology posted in Synergy.

Letter Grade Description & Percentage Breakdown

Grade Percentage	Letter Grade	Description
100% - 90%	A	The student fully understands the content and the course objectives have been mastered.
89% - 80%	B	The student understands the content and course objectives at an above average level.
79% - 70%	C	The student understands the course content and course objectives at an average level.
69% - 60%	D	The student understands the course content at a below average level and a minimum of course objectives are met.
59% - 0%	F	The student has not met a sufficient number of course objectives to pass a minimum level and receives no credit.

Late Work/Retake Policy – Late work may be completed at any point during the semester for full credit. Missing points for class participation must be made up before or after school. The final date late work is accepted for credit is the last regular school day before finals schedule begins. Any shop activities that require setup are only able to be made up at the instructor’s convenience!

EXCEPTION to this policy – The hands-on portion of the small engine unit *REQUIRES* that students are here and working in the shop with their group. There is no makeup for students opting not to be in the shop with their group.

Mr. Long is reasonable, sickness, transportation issues, or other legitimate reasons for students not being present physically or mentally, will be worked with far more than students skipping or choosing not to participate when the activity is happening.

Course Schedule/Outline of Units

Dates	Topic
September	Introduction, Expectations, Safety, Start Hardware
October	Hardware, Engine components, Small engines
November	Small engines
December	Complete Small Engines
January	Automobile Makeup, Vehicle Maintenance, Wheel and Tire Introduction

Class Expectations

I will work to be Prepared and Punctual, Organized, a Writer, Engaged, and Respectful (POWER).

I will be inside the shop, headed to my seat at the bell.

If I am being disruptive on my cell phone, I will surrender my electronic device without argument if asked to do so.

I can eat or drink in the shop and classroom BUT I also understand that if the shop and classroom floor become a sticky garbage can, eating and drinking privileges will be revoked.

I will not leave the class unless Mr. Long has released me.

I will be respectful of others when they are speaking.

I will not loiter (hang out) in cars in and around the shop.

I understand that I am welcome to look around and encouraged to ask questions about what I see. ***I will not touch cars, parts, tools or equipment without training and/or permission by Mr. Long.***

I understand that not following these expectations will result in my removal from the shop for the remainder of the period. Continued failure to comply with these rules will result in my inability to work in the shop until there has been a meeting with my parent or guardian and we have created a safety plan I agree to follow.

Safety

There are a lot of students in this space so I **MUST** choose safety. I will wear the provided Personal Protective Equipment (PPE) for the work I am doing. I will handle myself responsibly (no horseplay). I will use tools properly. These are choices I must make to do my part to ensure my safety and the safety of others around me.

I have read and understand the information and expectations outlined in this syllabus.

Student name _____

Student (signature) _____

Date_____

Guardian name _____

Guardian (signature) _____

Date_____