INDUSTRIAL OCCUPATIONS

Air Conditioning/Refrigeration (continued) Refrigerating Engineer/Service

 Length of Course:
 20 weeks.
 (Must take MW +TTh for certificate).

 4705
 MW 6:15 p.m. - 9:30 p.m.
 20 wks Killman* (Theory)
 56 \$60

 4706
 Sat 8:00 a.m.-12:15 p.m.
 20 wks Mirth
 * (Practical) 57 \$60

*Evening students may earn a certificate by completing 29-28-73, 29-30-74, 29-30-75 (both Theory and Practical classes).



Automotive

Auto Body Repairer/Fundamentals (Estimating).....29-06-60 No Automotive Experience Needed

This course contains instruction on various aspects of the auto body collision repair field. It prepares students for entry-level positions in auto body collision repair shops or insurance companies. Class includes a basic understanding of the auto body collision repair field such as: auto body repair tools, basic auto body repair, auto body construction and design, refinishing, and unitized frame rack system operation. This course is designed to help the student write an accurate and complete collision damage appraisal. Some hands-on training included.

<u>Prerequisites:</u> Student should be able to lift and carry up to 20 pounds. Length of Course: Two semesters.

4707 M-Th 3:00 p.m.-6:15 p.m. 20 wks Paradis 58 \$65

<u>Prerequisites:</u> Student should be able to lift and carry up to 50 pounds. <u>Length of Course:</u> Two semesters.

4708	MW 6:30 p.m 9:45 p.m. 20 wks	Paradis	58 \$60	
4709	TTh 6:30 p.m 9:45 p.m. 20 wks	Paradis	58 \$60	
4710	Sat 8:00 a.m12:15 p.m. 20 wks	Paradis	58 \$60	

rack system operation. <u>Prerequisites:</u> Students should be able to lift and carry up to 50 pounds. CFC (dichlorodiflouromethane) certification is mandatory for anyone working on air conditioning systems. It can be earned while attending the class if desired. Fee for test is \$17.

Length of Course: Two semesters.

4711 M-F 8:00 a.m.- 3:00 p.m. 20 wks McLouth 58 \$70

4712 M-F 8:00 a.m.- 3:00 p.m. 20 wks Pincus 66 \$70

Tune Up Mechanic/Eng. Performance/Upgrade...29-06-82/83 The first fifteen weeks of this course will introduce students to the field of tune-up technician. Students will learn engine performance fundamentals, as well as electronic engine control maintenance, diagnosis and repair. The last five weeks of the course are designed to upgrade students in the area of automotive electronics and fuel injection. Length of Course: 20 weeks.

0752 M-F 1:00 p.m.- 4:00 p.m. 20 wks VanZeller (FORUM) 62 \$60 Auto Mechanic/Fundamentals≠

4714 TTh 6:15 p.m.- 9:30 p.m. 40 wks VanZeller 62 \$60 Automotive Mechanic, 1, 2, & 3* 29-06-70, 71, 72 This course provides instruction in the diagnosis and repair of automo-

bile engine systems. This course includes instruction in the diagnosis and repair of automo bile engine systems. This course includes instruction in tools and equipment, safety, engine designs, cooling systems, basic electricity, ignition systems, fuel systems, exhaust systems, emission control systems, charging systems, starting systems, and major engine operations, suspension, brakes and steering.

Length of Course: 20 weeks.

Length of Course: 20 weeks.

4717 Sat 8:00 a.m.-12:15 p.m. 20 wks VanZeller 61 \$55
 * This course curriculum qualifies under the Automotive Youth Educational Systems (AYES) Guidelines. Qualified 11th Grade Students may be selected for a paid Summer Internship at a local Automotive Dealership.

Length of Course: 20 weeks.

4718	W	6:15 p.m	9:30 p.m.	20 wks	VanZeller	62 \$55

All technicians wishing to become state licensed smog inspection technicians, must take and pass the Basic Clean Air Car Course to partially satisfy the education prerequisite for either of the license technician catagories currently available. Students entering the course should have one-year experience and/or education in the automotive engine performance area prior to entering the course. The course instructor shall determine if the student has the required automotive knowledge to enter the course. (e.g. pretest and/or interview). The course covers the following topic areas: operation of the BAR 97 EIS emission analyzer system for the Basic Area Smog Program, Bureau rules and regulations, 2003 Update Course, 2005 Update Course, vehicle emission testing procedures for the Basic Area Program-OBD II systems operation. To pass this course the student must complete all of the laboratory assignments and pass three (3) final examinations with 70% or better. Successful completion of this course prepares the student to take the Advanced Clean Air Car Course.

<u>Prerequisites:</u> One year of verifiable automotive experience and/or education in the automotive engine performance area. Length of Course: 20 weeks.

Storev

(Fall test dates: Nov. 9, 16, & 18, 2004.) Length of Course: 9 weeks.

4761 TTh 6:15 p.m.- 9:30 p.m. 9 wks

12 \$25 9