DE ANZA COLLEGE AUTOMOTIVE TECHNOLOGY 60E GREENSHEET

AUTO D060E95   AUTOMOTIVE FUEL INJECTION   4.5 Units Fall 2014
CRN 225

General Information: Instructor: John Walton
Office Number: (408) 864-8508
Email: waltonjohn@fhda.edu
Web site: http://faculty.deanza.fhda.edu/waltonjohn
Dates: Tuesday and Thursday
Hours: 6:00 P.M. to 10:10 P.M.
Office hours: 5:00 P.M. to 6:00 P.M. Monday-Thursday
Office location: #E14d in E1 Automotive technology building

Advisories: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 212 or equivalent; Automotive Technology 50A, 50B, 60, 60A, 60B, 60C and 60D.

Course Description:
- Theory of operation and service of electronic fuel injection systems.
- Component parts and their functions and overall system theory.
- Diagnostic and repair methods using standard test and repair equipment. Preparation for Automotive Service Excellence (ASE) examination in Areas A8 and L1.

Student Learning Outcome: Student will:
- Describe the principles of electronic fuel injection
-

Text and References: 60E AUTOMOTIVE FUEL INJECTION Syllabus (available in campus bookstore)

        All Data, Shop Key

- **To register on line or get grades on line** at **www.deanza.fhda.edu**

Required Equipment: Safety glasses

Grading System: *Graded weekly quizzes, worksheets, participation, & comprehensive final,* Safe work practices

Highest class score = 100%.

Final Exam   Scheduled for the last class meeting

A+	97 - 100%
A	94 – 96%
A-	92 – 93%
B+	87 – 91%
B	83 – 86%
B-	80 – 82%
C+	75 – 79%
C	67 – 74%
D+	60 – 66%
D	55 – 59%
D-	50 – 55%
F	0 – 49%

Missing Assignments: The student will complete any missing assignments within 7 days.
Late assignments are subject to 1 grade penalty
2 points will be deducted from **ALL** late assignments.

Attendance: Students will be <u>dropped</u> for exceeding 2 absences.
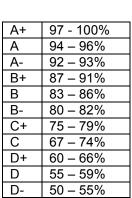**Adds:**   **You must add before the current college deadline, late adds are not allowed.**
Drops: **If you stop attending the class you will receive an F unless you drop before the current college drop date.**
Adding or dropping a class is your responsibility.

Attendance Policy
Your attendance is an essential part of this course. <u>By enrolling in this class, you are committing to attend</u>
<u>*promptly.*</u> Make-up exams and worksheets will only be available for one week following an absence. If you are
going to miss a class or know that you will be late, you must notify me as soon as possible. It is your
responsibility to get yourself caught up.

Disruptive Behavior
A. DeAnaza College will enforce all policies and procedures set forth in the *Standards of Student Conduct* (see
web site, schedule or catalog). Any student disrupting a class may be asked to leave that class. Disruption
includes cell phone usage, text messaging and talking to other students during lecture. After administrative
review, student may not be allowed to return to class.
http://www.deanza.edu/specialed/dish/appendix/conducts.html
B. No cell phone interruptions – turn cell phones off or to vibrate mode during class.
C. No eating, drinking sodas, or chewing tobacco in this classroom.

Register on line or get grades on line at: www.deanza.edu/

Disability Support Programs & Services (DSP&S)

If you need any classroom accommodations or services due
to a disability, please see me after class. A verification of
your disability must be on file with the college.
http://www.deanza.edu/specialed/dss/
For information on learning disabilities, call or visit the
Educational Diagnostic Center, Learning Center West 110,
408-864-8839. For information on others disabilities, call or
visit Disability Support Services, Seminar 2A, 408-864-8753.

Course CRN	00225
Credit Hours	4.5
Last Day for Adds	November 04, 2014
Census Date	November 11, 2014
Last Day for Refund	November 04, 2014
Last Day for Drops w/o W	November 06, 2014
Last Day for Drops	December 02, 2014

Safety Policy
Safety glasses AND shoes are to be worn at all times during any lab work or demonstration.

- **Financial Aid**: **Lisa Mandy: Director (408) 864- 8403 mandylisa@fhda.edu**
- **Certificates and degrees: http://www.deanza.edu/counseling/pdf/degrees/auto-technician.pdf**
- **Scholarship Information available in financial aid or at**
  http://www.deanza.edu/financialaid/scholarship.html

Register on line or get grades on line at: www.deanza.edu/

Suggested Auto Tech Schedule

Degrees and Certificates

1st Year Engine Performance

	Fall Quarter	UNITS	Days
12 weeks	Auto 60 Automotive Electrical Systems	9	M/W
	Winter Quarter		
1st 6 weeks	Auto 60A Electrical Schematic Diagnosis	4.5	M/W
2nd 6 weeks	Auto 60B Automotive Electronics	4.5	M/W
12 weeks	Auto 53A Automotive Mechanisms	3	T/TH
	Spring Quarter		
12 weeks	Auto 60C Automotive Ignition, Fuel, and Emission Systems	9	M/W

First year auto tech courses are available Monday and Wednesday Evenings from 6PM to 10:15PM

2nd Year Advanced Engine Performance

	Fall Quarter	UNITS	Days
1st 6 weeks	Auto 60 D Ignition Analysis and Oscilloscope Diagnosis	4.5	T/TH
2nd 6 weeks	Auto 60E Automotive Fuel Injection	4.5	T/TH
	Winter Quarter		
1st 6 weeks	Auto 60F No Start Diagnosis	4.5	T/TH
2nd 6 weeks	Auto 60G Advanced Automotive Scan Tool Diagnosis	4.5	T/TH
	Spring Quarter		
1st 6 weeks	Auto 60H Advanced Drivability and Onboard Diagnosis	4.5	T/TH
2nd 6 weeks	Auto 60J Advanced Lab Scope and Waveform Diagnosis	4.5	T/TH

Second year auto tech courses are available Tuesday and Thursday Evenings from 6PM to 10:15PM

Auto 53A, 60, 60A, & 60B
Certificate of Achievement
Basic Engine Performance Technology
(21 Units, GE not required)

Auto 60C, 60D, & 60E
Certificate of Achievement
Intermediate Engine Performance Technology
(18 units, GE not required)

Auto 60F, 60G, 60H, & 60J
Certificate of Achievement
Advanced Engine Performance Technology
(18 Units GE not required)

Complete all of the 57 units above to receive:
.Certificate of Achievement Advanced
Advanced Engine Performance Technology *
* Math and English Eligibility Requirements

Add: GE (31-42 units) and receive:
A.S. Degree
Advanced Engine Performance Technology

Certificate of Achievement Advanced:
Advanced Engine Performance Technology

Associate of Science Degree:
Advanced Engine Performance Technology