

Two Models of Integrated Education and Training



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Contextualized Basic Skills In Automotive Technician Training

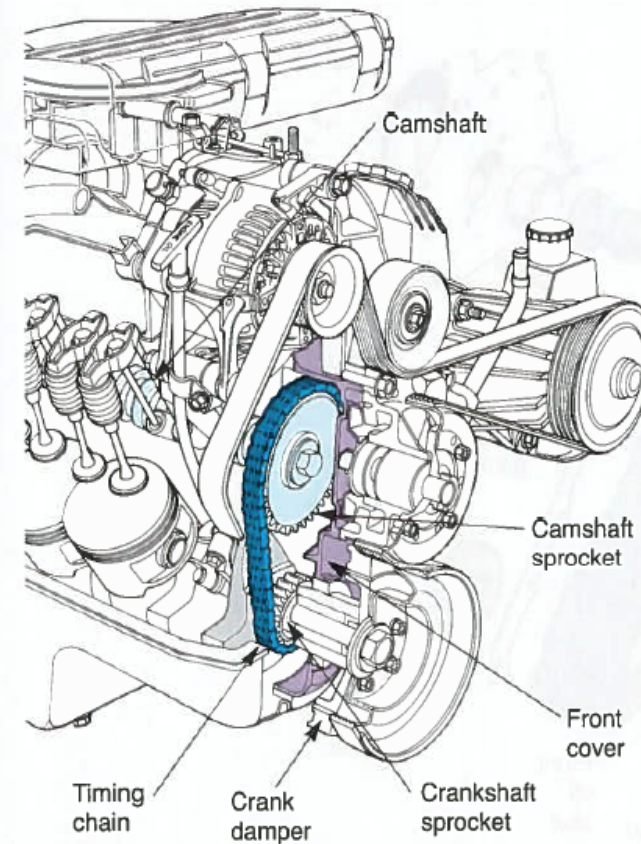


Figure 11-27. The timing chain and sprockets operate the camshaft in this engine. (*Chrysler*)

How to use feeler gauge

MY TEACHER, Mr Frank Vasquez,

He very good auto technology teacher,

Teach us how to use the feeler gauge,

To checking the valve train clearance.

2006 toyota prius hybrid engine.

Camshaft.



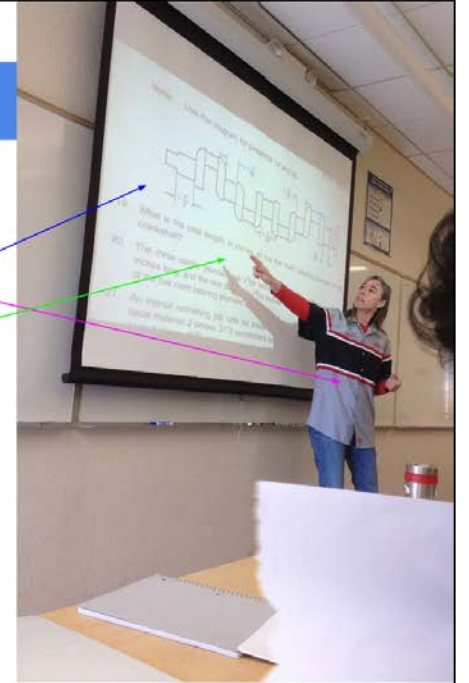
English and Math teacher,

MY TEACHER, Carlyn Mc Gavock.

She very good english and math teacher.

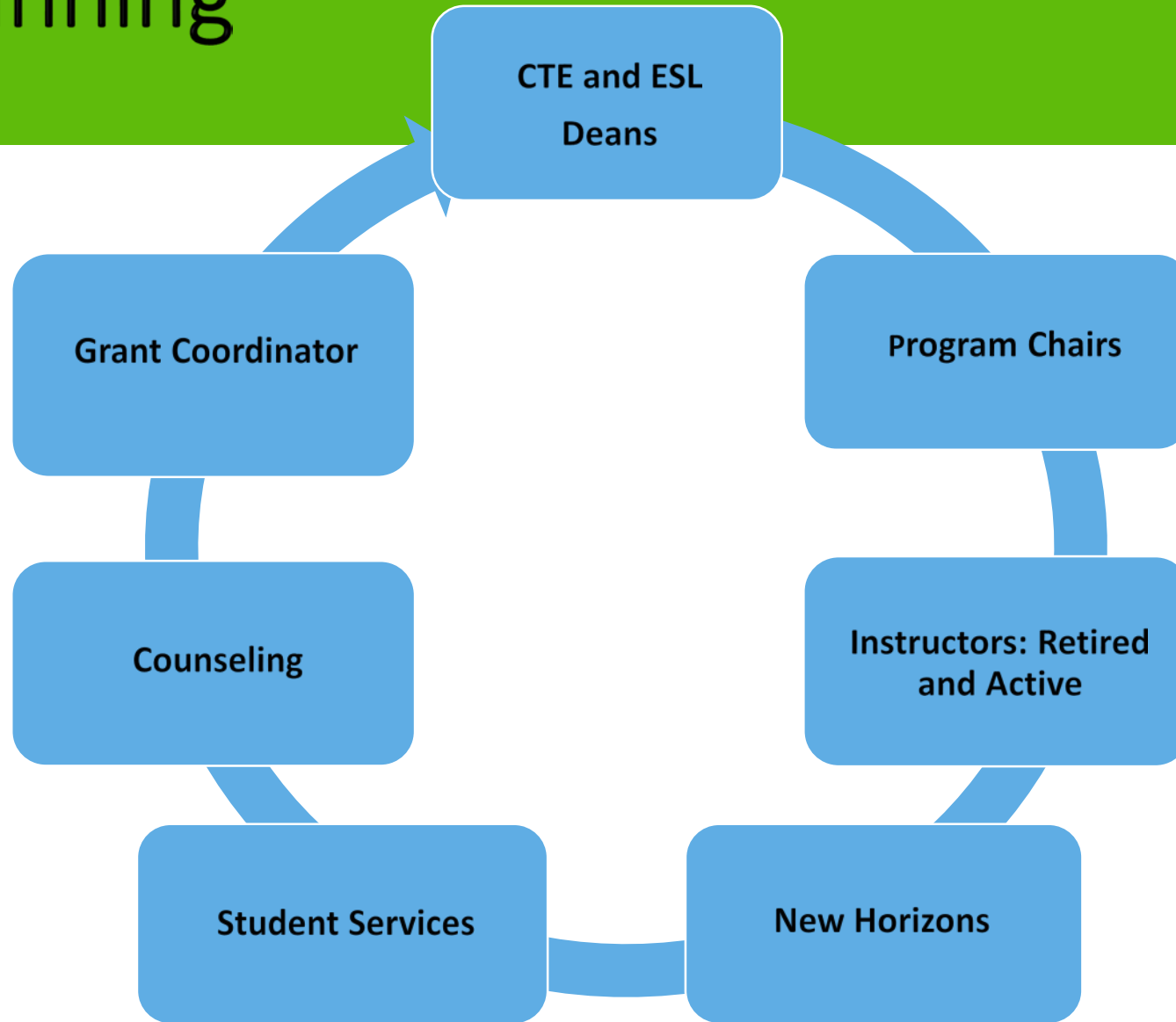
She teaches us to calculate measurement of the crankshaft,

She explains the meaning of the words,

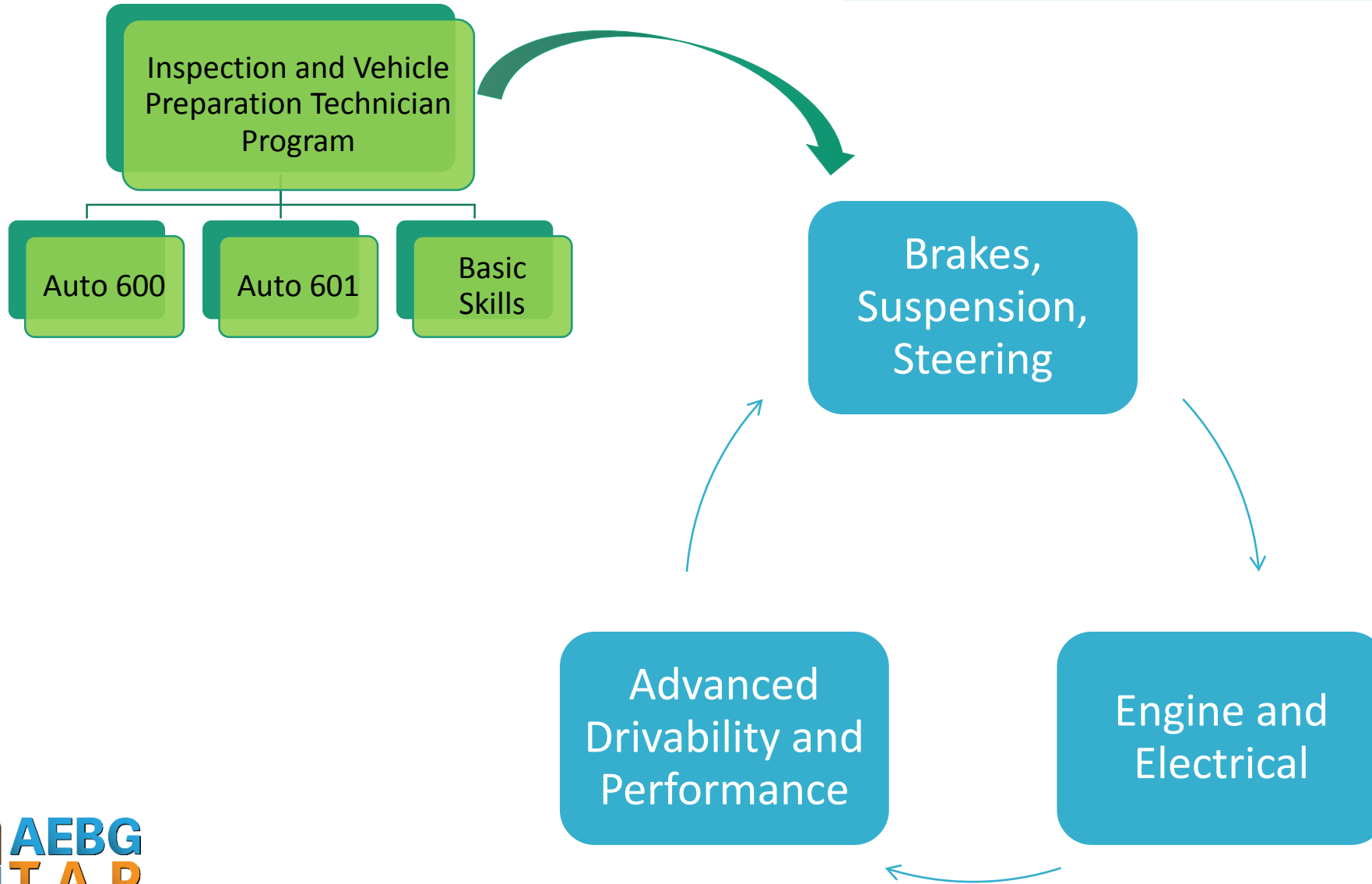


Carolyn McGavock and Frank Vasquez

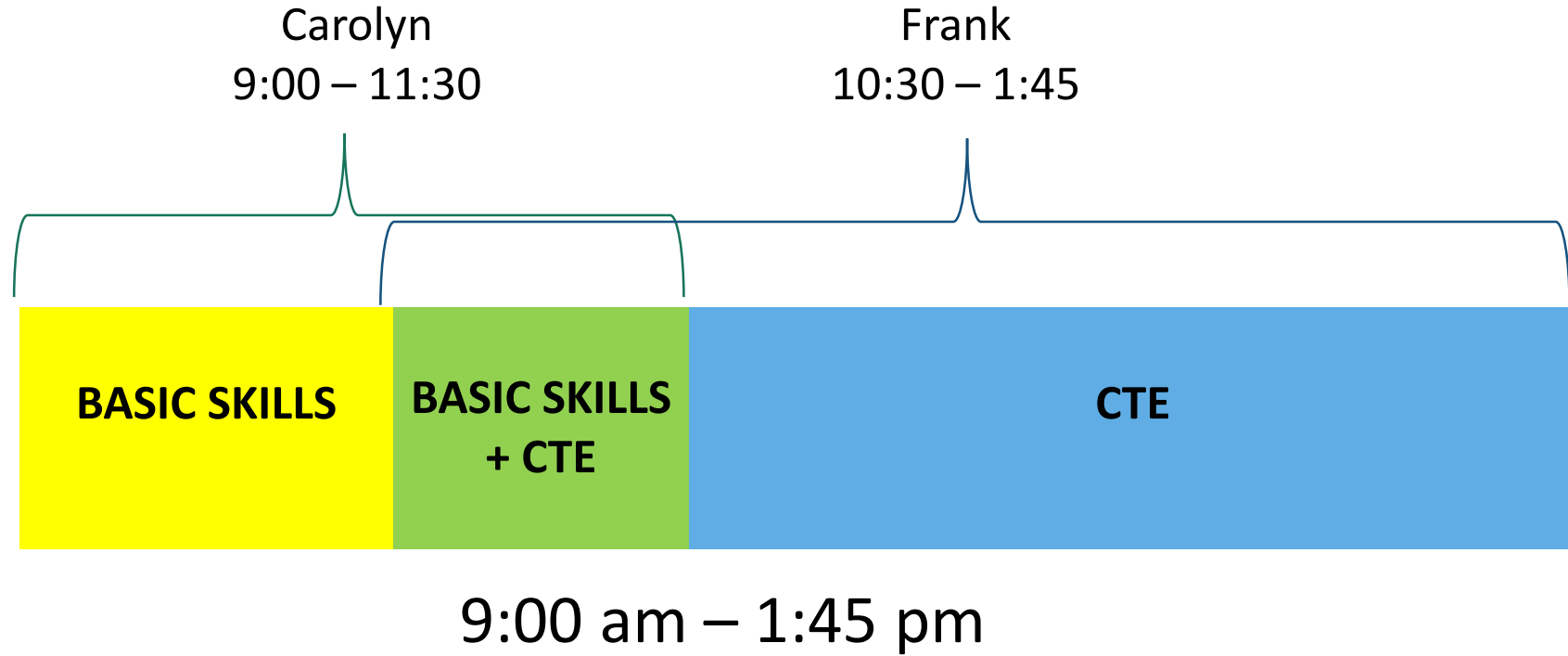
Planning

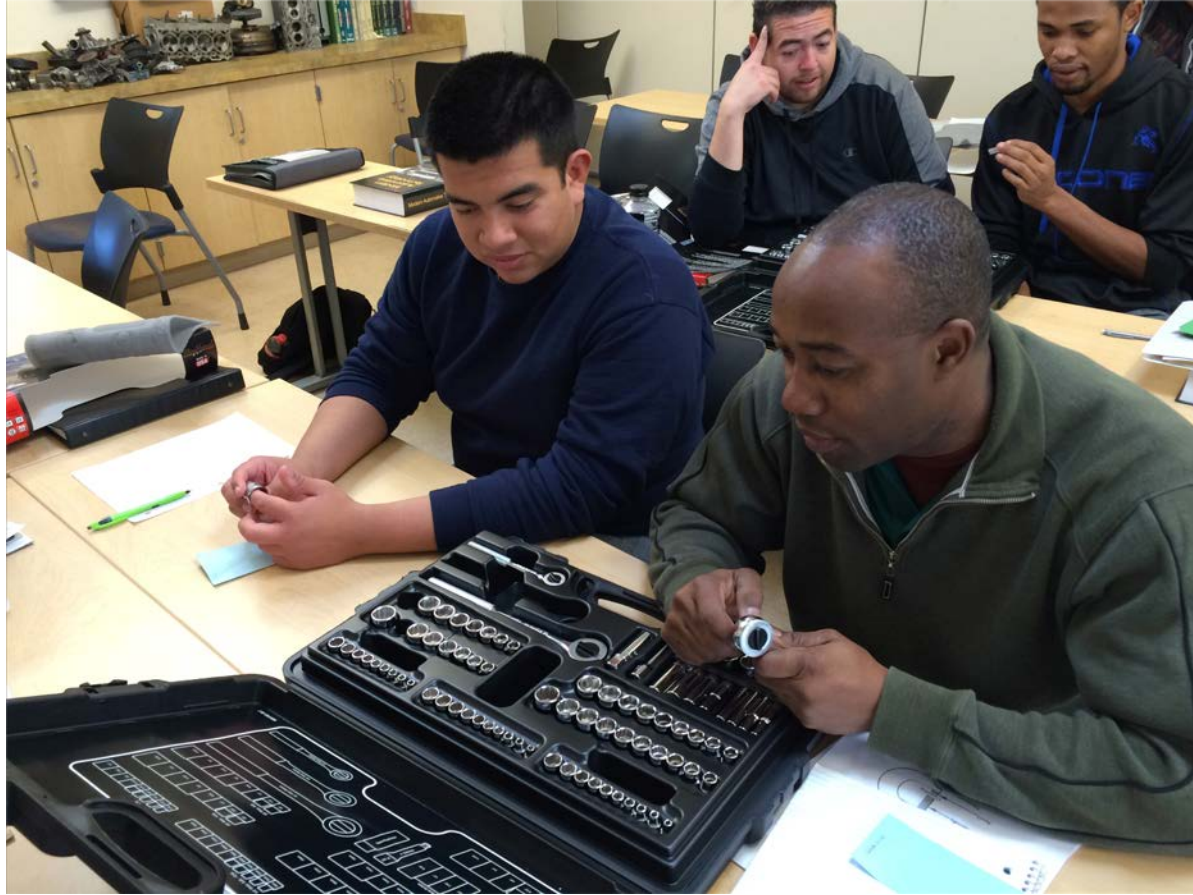


The course evolved from a grant-funded pilot to an FTE-funded program.



Daily Schedule





$$5/16 + 1/16 = 6/16 \longrightarrow 3/8$$



Timing cover

To get to the timing cover you have to take off all the accessories and sometimes the valve cover.

When you remove the cover it lets you see the timing chain, cam chain tensioners, crank plate.



Outcomes:

- Increased confidence and greater persistence
- Students have learning community in future classes
- Increased number of course/program completions
- Greater awareness of CTE program within ESL department

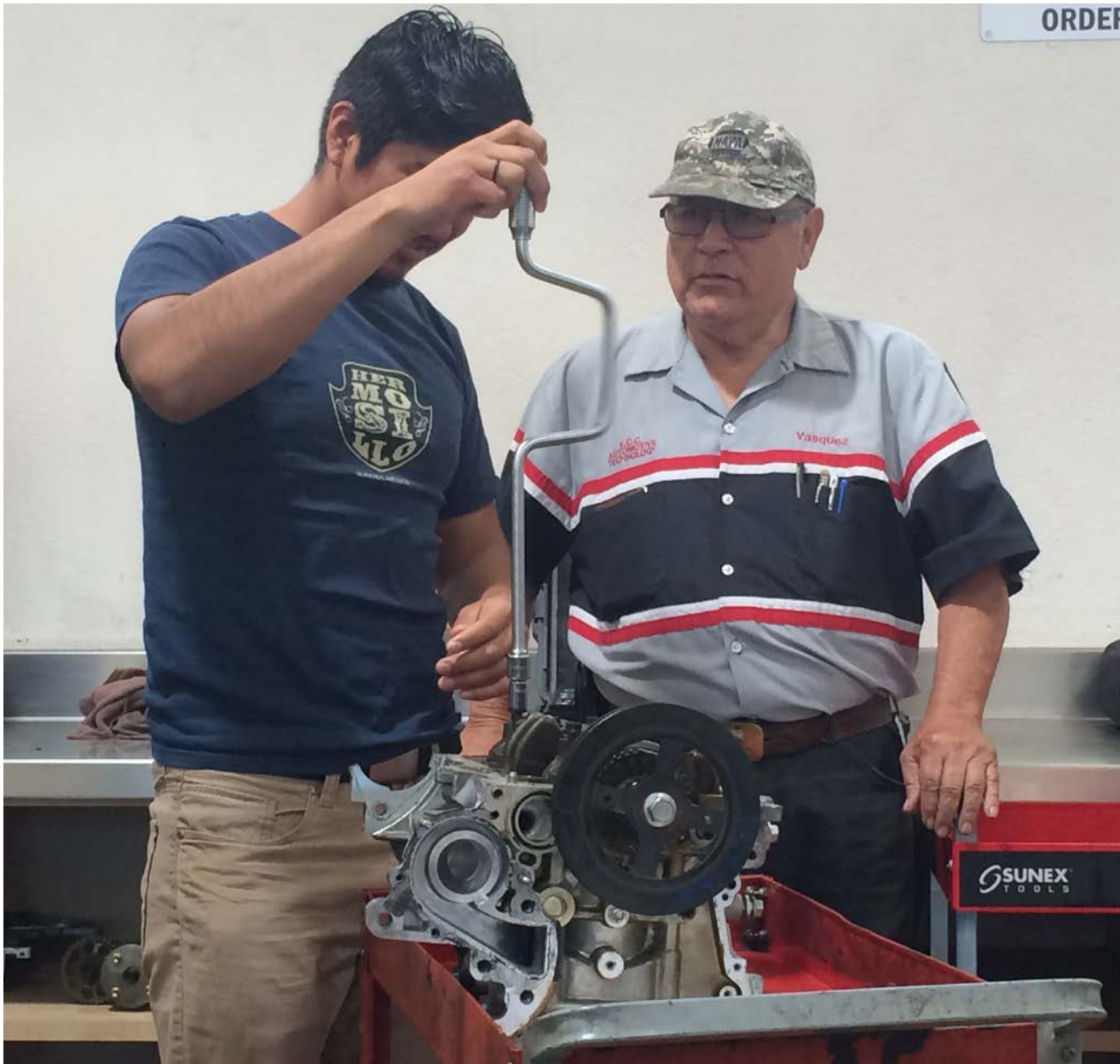
Challenges:

- Forming cohorts: mixed needs
- Assessments
- Instructor Assignment
- Funding co-teaching model
- Data collection

Future:

Possibilities

- Transition to ABE instructor to replace ESL instructor
- Move from co-teaching to alternative teaching
- Expand basic skills offerings to other vocational areas



Q & A with Frank

IET Programs at the East Los Angeles Skills Center



Jennifer Bedon

Integrated Education and Training Teacher Advisor

Los Angeles Unified School District

Division of Adult and Career Education

A Tale of Two Pathways



Photovoltaic Pathway



- Homeboy Industries covers tuition and supply costs for Homeboy clients who enroll in the Photovoltaic Training program at East Los Angeles Skills Center.
- This program has been providing training and jobs in the renewable energy field for over 6 years.

Photovoltaic Pathway



- 4 month program
- Monday-Friday 7:30am-3:30pm.
- Alternating Teachers Model
- Students remain in same classroom.
- Teachers rotate.
- Math for Photovoltaics is taught daily from 7:30 - 9:30
- PV 1+ Math for Photovoltaics
- PV 2 + Math for Photovoltaics
- PV 3 + contextualized algebra

Photovoltaic Pathway

- At the end of the program trainees receive three certificates from the state of California.
- Close to 1,000 clients have been served.
- 92% graduation rate
- 70% placement rate within 90 days of graduation.



Pre-CNA Pathway



**Combines ESL for Health Careers and Medical Terminology.
Leads to CNA course with externship**

Pre-CNA Pathway



- Began in 2013
- Has served approximately 200 students
- Most see significant improvement in TABE reading scores.

Pre-CNA Pathway

Alternating Teachers Model

- 8:00-10:00 Regular ESL Program (optional)
- 10:15-12:15 Regular ESL Program (required)
- 12:45-2:45 Contextualized ESL for Health Careers
- 3:00-5:00 Health Information Technology 1
(Medical Terminology)

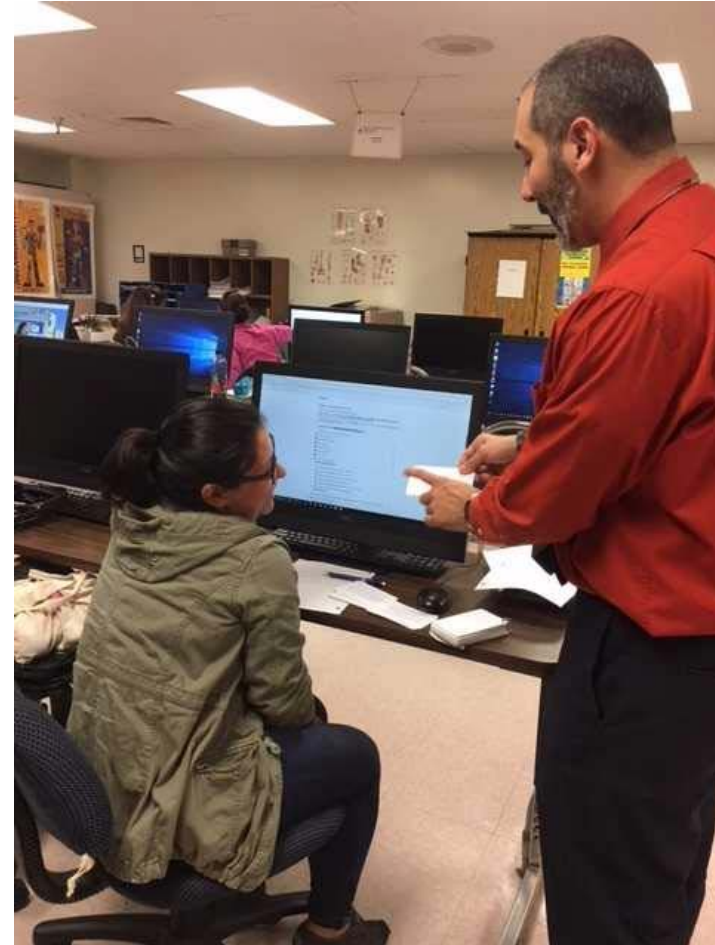
Pre-CNA Pathway Requirements

To enter IET:

- ESL Level 3

To exit IET:

- Pass Medical Terminology
- Chapter Assessments
- Attendance in ESL
- Teacher recommendations



Pre-CNA Pathway



Q&A

- Does anyone have any questions?
- Please type them out in the General Chat to the right!