

# SAN JACINTO COLLEGE NORTH - Dual Credit

## Diesel Technology

Diesel Technology is taught only on the North campus.

Diesel Technology is a course of study designed to prepare the student for a career in the repair and maintenance of diesel engines, heavy truck transmissions, brakes and differentials.

**Placement Rates:** In the most recent 3 year reporting period (2011-2012, 2012-2013, 2013-2014) the diesel technology program placed 93.33% of their students.

**Employment of diesel technicians are projected to grow 12 percent from 2014 to 2024,**  
*Occupational Outlook Handbook* **faster than average for all occupations.**

**Entry Level Pay: \$32,295 per year** (in Gulf Coast Region)

**Average/Mean Pay \$47,919 per year** (in Gulf Coast Region)

[as of January of 2017]

[www.texaswages.com](http://www.texaswages.com)

High school dropouts will make minimum wage (\$7.25 in 2017); or about \$15,080 per year.

Diesel Apprentice Certificate of Technology		
Junior Year		
Fall		Spring
DEMR 1306 Diesel Engine I		DEMR 1423 Heat./Vent., & A/C Trbleshtng/Repair
DEMR 1410 Diesel Test and Repair I		DEMR 2432 Electronic Controls
Senior Year		
Fall		Spring
DEMR 1317 Basic Brake Systems		DEMR 1413 Fuel Systems
DEMR 1405 Basic Electrical Systems		DEMR 1421 Power Train I

**Scholarships:** North Shore Rotary: the department gets one \$500 scholarship in the fall and spring.

### Costs:

For students taking four courses in one semester.

One Semester / Full-Time Student				quantity	Total
Tuition	at	\$50.00	per semester credit hour.	15	\$750.00
General Services Fee		\$150.00		1	\$150.00
Lab Fee	at	\$24.00	per course	4	\$96.00
Course Fee	at	\$7.00	per course	4	\$28.00
*Supplies:	at	\$50.00		1	\$50.00
Books	at	\$110.00	per course	2	\$220.00
Total Estimate:					<b>\$1,294.00</b>

- Notes:
- Books: One book for 1306 and 1410; and one book for 1405 and 1423.
  - \*Supplies: Safety glasses, leather work boots, digital multi-meter or digital volt-ohm meter.  
~ \$50

**Instructors:** Center for Industrial Technology, building #33

<b>Charles Siegel</b> N33.2031	<b>Brian Coutney</b> N33.2031
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All instructors are required to have a degree and at least three years of industry experience.

These instructors are the best person to contact for information about the diesel technology program.

**This program moved into the new Center for Industrial Technology in March of 2017.**