



PETROLEUM TECHNOLOGY August 2013 Newsletter

Prior to the start of school, the program faculty created new challenges and prepared new courses. To aid in the presentation of new challenges for the courses, visits were made to various companies, products were viewed and choices made. Many items chosen during the summer months will not be available for the students to see or use for months to come.

One visit made by the faculty was to the Chevron Training center in Midland, Texas. During this visit examples of equipment and teaching concepts were viewed, discussed, and photographed. For some items, parts lists and diagrams were provided by the corporate trainers



(Left) The 3 tank battery (210 bbl tanks) at the Chevron training facility – full sized, fully plumbed, ready for training.

This tank battery provides us with a goal for our Field Lab. Western Texas College has received funding from a Texas Workforce grant which will be used to fulfill the aspects of the “Pipe, Pump, Tank, and Valve” concept.

(Right) This is an example of a Programmable Logic Controller (PLC) trainer built and used at the Chevron Training Center.



Chevron's version of a training concept for the new Petroleum class coming this fall (2013), provided us with a unique way to offer ELMT 1301 Programmable Logic Controllers. Students will use the concepts instrumental in "Project Based Learning" to build, wire, and program a PLC trainer.

In addition to the preparations for the Petroleum Technology program, the Science building remodel was completed. The Science building now has up to date facilities and is ready for classes.



(Left) The new science building offers state of the art lab tables, autoclaves, dishwashers, and teaching facilities.

The remodeled Science building has a new lecture hall, 60inch monitors for classroom instruction, smart boards, seating, and safety features. Classes in support of STEM (Science Technology Engineering and Math), now have new facilities. For Petroleum Technology, there are new facilities in which to teach Geology. For next year's Process Technology program, there are new facilities to teach Chemistry.