DESCRIPTION
The Engineering Technology, Power Utility Certificate of Achievement is an 18-month to two year program that prepares students for employment in Power Production. This program integrates two hands-on Co-Op/Internships in Operation, Electricity, and Hydro/Electricity that provide students with a wide-range of experiences. This program is presented in cooperation with the U.S. Bureau of Reclamation.

STUDENT LEARNING OUTCOMES
- Identify the occupational positions available in the Power Utility and other power generating plants.
- Participate in an on-the-job training experience in a power generating plant or dam.
- Identify acceptable work performance standards.
- Develop positive attitudes towards work and service to others.

PLEASE NOTE - The courses listed below may require a prerequisite or corequisite. Read course descriptions before registering for classes. All MATH and ENG courses numbered 01-99 must be completed before reaching 30 total college-level credits. No course under 100-level counts toward degree completion.

FULL-TIME STUDENT DEGREE PLAN
Plan can be modified to fit the needs of part-time students by adding more semesters.

FIRST SEMESTER Credits
- MATH 116 Technical Mathematics 3
- COM 115 Applied Communication 3
- MT 102B Fundamentals of Electricity 4
- MT 106B Mechanical Power Transmission 4
- TOTAL CREDITS ...............................................................................................14

SECOND SEMESTER Credits
- MT 104B Industrial Electricity 4
- MT 108B Fluid Power (Pneumatics, Hydraulics, Instrumentation) 4
- Complete Electives (see courses this page) 3-4
- TOTAL CREDITS ............................................................................................11-12

THIRD SEMESTER Credits
- MT 115B Programmable Logic Controllers I 3
- Complete Electives (see courses this page) 3-4
- TOTAL CREDITS ..............................................................................................6-7

DEGREE PLAN TOTAL CREDITS ........................................................................31-33

NOTE • Course numbers with the “B” suffix may be non-transferable for a NSHE baccalaureate degree.
- Course numbers with the “H” suffix are designated Honors-level courses and can be used to fulfill equivalent general education requirements. For more information visit www.csn.edu/honors.
- In no case, may one course be used to meet more than one requirement except for the Values and Diversity general education requirement (only AA, AS, and AB degrees) which may be used to fulfill the corresponding general education or emphasis requirement.
- Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.