

**CERTIFICATE OF ACHIEVEMENT**

The Mechanical 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 - Graduates of this program will have the opportunity to:**

- 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.

**GENERAL EDUCATION REQUIREMENTS (3 Credits):**

	CR	SEMESTER
<b>COMMUNICATIONS:</b> ENG 107	3	_____

**SPECIAL PROGRAM REQUIREMENTS (36 Credits):**

	CR	SEMESTER
<b>EGG 131</b> Technical Physics	4	_____
<b>MATH 116</b> Technical Mathematics	3	_____
<b>MT 102B</b> Fundamentals of Electricity	4	_____
<b>MT 104B</b> Industrial Electricity	4	_____
<b>MT 106B</b> Mechanical Power Transmission	4	_____
<b>MT 108B</b> Fluid Power	4	_____
<b>MT 115B</b> Programmable Logic Controllers	3	_____
<b>MT 150B</b> Material Science	4	_____
<b>MT 180B</b> Co-Op/Internship First Semester	3	_____
<b>MT 181B</b> Co-Op/Internship Second Semester	3	_____

Computation included in MT 102B, 104B

Human Relations included in MT 180B, 181B

**39**  
Total Credits

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.

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