Plant Operations, A.A.S.

An operator in industry is an individual who operates the mechanical device used in a particular process. Their responsibility is to monitor, troubleshoot, adjust and make slight repairs of the equipment used in a process. Operators in Southwest Wyoming are used in the soda ash, fertilizer, electrical power plants, and gas plants.

Degree Requirements

Freshman Year - Fall Semester
- PLOP 1505 - Plant Operations Electrical   Credits: 3
- TECH 1000 - Introduction to Technical Mathematics Credits: 3
- TECH 1600 - Industrial Safety   Credits: 3
- PLOP 1510 - Plant Operations I   Credits: 3
- PLOP 1520 - Plant Operations II   Credits: 3
- TECH 1680 - Reading Technical Schematics   Credits: 3
- HMDV 1005 - 1st Year Success   Credits: 1   *Subtotal: 18-19*

Freshman Year - Spring Semester
- INDM 1590 - Industrial Pneumatics   Credits: 3
- INDM 1570 - Industrial Hydraulics I (Fluid Power) Credits: 3
- PLOP 1515 - Plant Operations Instrumentation   Credits: 3
- PLOP 1530 - Plant Operations III   Credits: 3
- PLOP 1540 - Plant Operations IV   Credits: 3   *Subtotal: 15*

Sophomore Year - Fall Semester
- ENGL 1010 - English Composition I   Credits: 3
- PHYS 1050 - Concepts of Physics   Credits: 4
- COMM 1030 - Interpersonal Communication   Credits: 3
- CMAP 1200 - Computer Information Systems   Credits: 3
- Technology & Industry Elective   Credits: 3   *Subtotal: 16*

Sophomore Year - Fall Semester Notes: In addition to ENGL 1010, students may be required to also take ENGL 1011 (2 credits) due to placement, adding 2 additional credits to their graduation total. PHYS 1050 may be replaced by MATH 1000 or higher (C or better grade).

Sophomore Year - Spring Semester
- ENGL 2005 - Writing in Technology and the Sciences Credits: 3
- HLED 1225 - First Aid and CPR   Credits: 2
- US & Wyoming Constitution   Credits: 3
- Health & Human Activity   Credits: 2
- Technology & Industry Elective   Credits: 6   *Subtotal: 16*

Sophomore Year - Spring Semester Notes: ENGL 2005 may be replaced by ENGL 1020. U.S. & Wyoming Constitution can be fulfilled by HIST 1211, HIST 1221, HIST 1251, or POLS 1000.

Total Credit Hours: 65-66