



LEARNING OUTCOMES

Associate in Applied Science (AAS)
Program: Water Resource Management 1+1

Upon completion of this program, students will be able to:

1. Operate and manage a Conventional Drinking Water Filtration Treatment Facility at the S-4 and F-4 State of Michigan certification levels.
2. Operate and manage a Water Resource Recovery/Biological Wastewater Treatment Facility at the D State of Michigan certification level.
3. Perform Laboratory Analysis to ensure the distribution of a safe drinking water supply.
4. Perform Laboratory Analysis to ensure environmentally safe effluent discharges from a Water Resource Recovery/Wastewater Treatment Facility.
5. Demonstrate competencies in both Water and Water Resource Recovery processes by passing the State of Michigan's S-4 and F-4 Drinking Water Distribution and Filtration Certification Exams as well as the D Wastewater Treatment Certification Exam.