Water Technology	14-15	15-16	16-17	17-18	18-19	19-20
WTRTB51 - Basic Water Treatment						
• Upon completion of the course, the student will be able to Explain the need for water purification				X		
• Upon completion the student will be able to:Explain the role and responsibilities of a water treatment plant operator					X	
• Upon completion the student will be able to:Explain the regulations governing water quality						X
• Upon completion the student will be able to:Perform basic mathematical functions related to water treatment.				X		
• Upon completion the student will be able to:Identify techniques used to protect public drinking water					X	
• Upon completion the student will be able to:Be able to explain, perform and interpret laboratory test procedures for chlorine residual, hardness, taste and odor						X
• Upon completion the student will be able to:Be able to describe the process of Disinfecting water				X		
WTRTB52 - Basic Water Distribution						
• Upon completion of the course, the student will be able to dentify water quality parameters addressed in drinking water regulations.				X		
• Upon completion the student will be able to: Interpret state drinking water regulations.				X		
• Upon completion the student will be able to: Identify connections between drinking water regulations and operation and maintenance of a public water system.				X		
• Upon completion the student will be able to: Identify aspects of water hydrology that influence water supplies.				X		
• Upon completion the student will be able to: Identify techniques used to protect public water supplies.				X		
• Upon completion the student will be able to: Recognize equipment used during operation and ma)ntenance of a water distribution system.				X		
• Upon completion the student will be able to: Understand and be able to perform basic water related mathematical problems.				X		
WTRTB53 - Water & Wastewater Analysis						
• Upon completion the student will be able to:The student will demonstrate technical subject knowledge through participation in class discussion, demonstration, written examinations and reports pertainin' to water quality standards.				X		
• Upon completion the student will be able to: The student will demonstrate through discussion and examination the ability to interpret basic water and waste water test results.				X		
• Upon completion the student will be able to: The student will demonstrate through discussion and written exercises and examinations knowledge of common water treatment problems.				X		
• Upon completion the student will be able to: The student will demonstrate through demonstration and written examination the ability to perform calculations pertaining to the presentation of water test results.				X		
• Upon completion the student will be able to: The student will demonstrate through discussion and written reports, knowledge of the need for quality control and safety in the treatment plant.				X		
• Upon completion the student will be able to: The student will demonstrate through class discussion and written examination the purpose, types and methods of good record keeping.				X		