This curriculum covers the Inter Tribal Council of Arizona, Inc. (ITCA) General Module training course with the addition of water treatment and distribution for very small drinking water systems (VSW). The General Module is designed for tribal personnel entering into the career path of water and wastewater systems. Participants will gain basic understanding of basic math, and federal regulations. ITCA Level 1 water and wastewater operator training courses are designed with the expectation that students have already taken introductory training on the topics that are covered in the General Module. ITCA water operator certification exams are offered following each course.

February 26-28, 2018, Nia, California (Hosted by: Robinson Rancheria of Pomo Indians) – Instructor: Kim Yale, Yale Engineering, LLC

Water Treatment Training and Certification Exam
Level 1: This course covers Level 1 Water Treatment (WT1) facility operations. Course topics include water sources and quality, treatment processes, disinfection, laboratory analysis, worker safety, math, and the Safe Drinking Water Act. The WT1 operator certification exam is offered following each course.
April 9-13, 2018, Albuquerque, New Mexico (Hosted by: Pueblo of Sandia) – Instructor: Melissa Durbin, Technical Learning College
April 9 – 12, 2018, Camp Verde, Arizona (Hosted by: Yavapai-Apache Nation Utility Authority) – Instructor: TBD
October 1-4, 2018, White Cloud, Kansas (Hosted by: Iowa Tribe of Kansas and Nebraska) – Instructor: TBD

Level 2: This course trains qualified Level 1 certified operators in Level 2 Water Treatment (WT2) facility operations. All course work is designed around the processes that will be required of a Level 2 drinking water facility treatment operator. This course has significant content and advanced concept requiring students to study outside the classroom. The WT2 operator certification is offered following the course.
May 13-17, 2018, Gardnerville, Nevada (Hosted by: Washoe Utility Management Authority) – Instructor: TBD

Level 2: This course trains qualified Level 1 operators in Level 2 Water Distribution (WD2) system operations. All course work is designed around the processes that will be required of a Level 2 drinking water distribution system operator. This course has significant content and advanced concept requiring students to study outside the classroom. The WD2 operator certification exam is offered following each course.
March 12-16, 2018, Fort Pierre, South Dakota (Hosted by: Midwest Water Training Plant) - Instructor: Nicole Mangin, MEC TECH Services, Inc.
July 30-August 3, 2018, Onawa, Iowa (Hosted by: Blackbird Bend Casino) – Instructor: Mary Howell, Backflow Management, Inc.

Level 3: This course trains qualified Level 2 certified operators in Level 3 Water Distribution (WD3) system operations. All course work is designed around the processes that will be required of a Level 3 drinking water facility distribution system operator. This course has significant content and advanced concept requiring students to study outside of the classroom. The WD3 operator certification exam is offered following the course.

Wastewater Collection Training and Certification Exam
Level 1: This course covers Level 1 Wastewater Collection (WWC1) system operations. Course topics include wastewater collection, pipeline inspection, operations & maintenance, lift stations, and math. The WW1 operator certification exam is offered following each course.
April 3-5, 2018, Winterhaven, California (Hosted by: Quechan Indian Tribe, Public Works Department) – Instructor: Kim Yale, Yale Engineering, LLC
July 31-August 2, 2018, Natchez, Nebraska (Hosted by: Nebraska Indian Community College) – Instructor: Kim Yale, Yale Engineering, LLC
August 27-29, 2018, Pueblo, Montana (Hosted by: Salish Kootenai College Hydrology Program) – Instructor: Kim Yale, Yale Engineering, LLC

Level 2: This course trains qualified Level 1 certified operators in Level 2 Wastewater Collection (WWC2) system operations. All course work is designed around the processes that will be required of a Level 2 wastewater collection system operator. This course has significant content and advanced concept requiring students to study outside of the classroom. The WWC2 operator certification exam is offered following each course.
August 7-9, 2018, Santa Fe, New Mexico (Hosted by: American Indian Communities, Tribal Water Services Department) – Instructor: Nicole Mangin, MEC TECH Services, Inc.
July 9-11, 2018, Smith River, California (Hosted by: Yurok Deco-nation, Public Works and Faculty Department) – Instructor: Nicole Mangin, MEC TECH Services, Inc.

Wastewater Treatment Training and Certification Exam
Level 1: This course covers Level 1 Wastewater Treatment (WWT1) facility operations. Course topics include an overview of activated sludge wastewater treatment with review of process components, biological principles of process control using laboratory sampling and testing as well as observations and appearances of treated wastewater sludge, and math. The WWT1 operator certification exam is offered following each course.
March 12-16, 2018, Pauma Valley, California (Hosted by: Pauma Band of Luiseno Indians) – Instructor: Mary Howell, Backflow Management, LLC
May 14-18, 2018, Hayward, Wisconsin (Hosted by: Lac Courte Oreilles Public Works and Lac Courte Oreilles Ojibwe Community College) - Instructor: Michael Alvarez, Alvarez Water Operations

Level 2: This course trains qualified Level 1 certified operators in Level 2 Wastewater Treatment (WWT2) facility operations. All course work is designed around the processes that will be required of a Level 2 wastewater facility treatment operator. This course has significant content and advanced concept requiring students to study outside of the classroom. The WWT2 operator certification exam is offered following the course.
August 6-18, 2018, Chandler, Arizona (Hosted by: Gila River Indian Community, Department of Public Works) – Instructor: Nicole Mangin, MEC TECH Services, Inc.

Computer-Based and Paper-Booklet Testing
Computer-Based Testing (CBT) provides a year-round (January 5, 2018 to December 29, 2018) opportunity for eligible tribal water and wastewater personnel to achieve professional certification. Preparatory training is not included. Certification exams are available through CBT at 20 testing locations nationwide. Pre-registration and approval required for each CBT appointment.
Water Operators Exam sessions provide a opportunity for eligible tribal water and wastewater personnel to achieve professional certification. Preparatory training is not provided by ITCA. The PBT Sessions will be announced throughout the year via email and published on the ITCA TWS website.

Continue Education Training
Safe Drinking Water Act (SDWA) 101: Basics and Consumer Confidence Reporting Training: This course provides a comprehensive overview of the Safe Drinking Water Act, its associated regulatory rules, and monitoring and reporting, and public notice requirements. In addition, it provides assistance in completing Consumer Confidence Reports.
March 19-22, 2018, Fort Wingate, New Mexico (Hosted by: B.L.E. Facility Management) – Instructor: Nora Romera, Nora Romera Environmental Consulting, LLC

Safe Drinking Water Act (SDWA) 202: Compliance Monitoring & Lab Awareness Training: This course addresses compliance monitoring requirements, a detailed look at the Standard Monitoring Framework, sampling procedures, Site Sampling Plans, principles of Chain-of-Custody and sample integrity, dealing with contracted laboratories, monitoring waivers, public notice requirements and other compliance issues.

Tribe Utility Management Training: This course trains tribal water and wastewater utility personnel on the principles of Effective Utility Management. Course topics will focus on utility management, financial management, managerial capacity, regulatory compliance and planning, operations and maintenance (O&M) responsibilities, and workforce management including worker succession planning and public relations strategies. The ITCA Tribal Utility Management – Level 1 certification exam is offered following the course.

Advisory Committee Meeting: The Advisory Committee was established to advise the ITCA in implementing and administering the National Tribal Water & Wastewater Operator Certification Program. The Advisory Committee reviews and makes recommendations for the discussion of the ITCA Program’s certification, training, and technical assistance services. The members of the committee participate on a voluntary basis.
March 26, 2018, Phoenix, Arizona

Tribal Operator Summit: Each summit provides a forum for tribal water and wastewater personnel to attend short training seminars, exchange ideas, learn from each other and contribute to the development of the Tribal Water & Wastewater Operator Certification Program services. Opportunities are encouraged to participate in the in-person sharing and networking session.
August 28, 2018, Temecula, California (Hosted by: Pechanga Band of Luiseno Indians - Tribal Government Center)

Tribal Water Operator Summit: Each summit provides a forum for tribal water and wastewater personnel to attend short training seminars, exchange ideas, learn from each other and contribute to the development of the Tribal Water & Wastewater Operator Certification Program services. Opportunities are encouraged to participate in the in-person sharing and networking session.
National Tribal Operator Workgroup, March 27-28, 2018, Phoenix, Arizona

Tribal Utility Tune-up Workshops: This one-day retreat is conducted for individual Tribal water utility for optimization. The workshop explores the ten attributes of effective utility management and then facilitates the utility's plan to optimize operations and achieve the greatest efficiency and opportunities.
August 30-31, 2018, Temecula, California (Hosted by: Pechanga Band of Luiseno Indians - Tribal Government Center)