WQM Certificates:

## Certificate 1: Water Technology Professional

WQM 1000 Introduction to Water Quality Management Technology (3 credits)

WQM 1024 Water Treatment Certification Review C/D (3 credits)

WQM 1025 Wastewater Treatment Certification Review C/D (3 credits)

WQM 1035 Utility Technician (4 credits)

EIC 2340 SCADA (4 credits)

Total Credits: 17 credits, time completion: 6 months

## Certificate 2: Infrastructure Security Professional

WQM 1024 Water Treatment Certification Review C/D (3 credits)

WQM 1025 Wastewater Treatment Certification Review C/D (3 credits)

WQM 1026 Safety and Security Systems (3 credits)

EIC 2340 SCADA (4 credits)

CNG 1001 Networking Fundamentals (3 credits)

CNG 1031 Principles of Information Assurance (3 credits)

CNG 1032 Network Security Fundamentals (3 credits)

Total Credits: 22 credits, time completion: 2 semesters

## Certificate 3: Asset Management Professional

WQM 1024 Water Treatment Certification Review C/D (3 credits)

WQM 1025 Wastewater Treatment Certification Review C/D (3 credits)

WQM 1020 Water Quality Equipment Maintenance I (4 credits)

EIC 2340 SCADA (4 credits)

EIC 2322 Instrumentation and Process Controls I (4 credits)

Total Credits: 18 credits, time completion: 2 semesters

## Certificate 4: Infrastructure Design Professional

WQM 1005 Water Quality Specific Calculations (4 credits)

WQM 2006 Water Quality Design Interpretations (4 credits)

WQM 1069 International Development (3 credits)

AEC 2300 Sustainable Building Systems (3 credits)

CAD 1101 Computer Aided Drafting/2D I (3 credits)

CAD 2332 Civil 3D (3 credits)

Total Credits: 24 credits, time completion: 2 semesters

## Certificate 5: Integrated Water Professional

WQM 1000 Introduction to Water Quality Management Technology (3 credits)

WQM 2000 Hydraulics (4 credits)

WQM 1069 International Development (3 credits)

WQM 1023 Water Reuse (3 credits)

WQM 1019 Basic Water Quality Analysis (4 credits)

WQM 2016 Biological/Bacteriological Water Quality Analysis (4 credits)

Total Credits: 21 credits, time completion: 2 semesters