

WQT 260 Water Treatment Systems Course Timeline

Week	Topic and Reading	Assessment
1	Topic: Water Treatment Plant Operator and Water Sources and Treatment Text Reading: Chapter 1 and 2 Math: Area, Volume, Density	Homework Discussion Quiz
2	Topic: Reservoirs and Intakes Text Reading: Chapter 2 Math: Detention Time, Pounds Formula, Algae Control	Homework Discussion Quiz
3	Topic: Coagulation and Flocculation Text Reading: Chapter 3 Math: Feeding Chemicals, Solution Preparation	Homework Discussion Quiz
4	Topic: Sedimentation Text Reading: Chapter 4 Math: Detention Time, Surface Loading, Weir Loading, Flow Water Treatment Facility Tour Assigned	Homework Discussion
5	Topic: Filtration Text Reading: Chapter 5 Math: Filtration, Pressure	Homework Discussion Quiz
6	Topic: Disinfection Text Reading: Chapter 6 Math: Disinfection	Homework Discussion Quiz Midterm Due
7	Topic: Corrosion Control Text Reading: Chapter 7 Math: Work, Horsepower, Corrosion Control	Homework Discussion Quiz
8	Topic: Taste and Odor Text Reading: Chapter 8 Math: Chemical Dosing – Taste and Odor	Homework Discussion Quiz
9	Topic: Laboratory Text Reading: Chapter 9 Water Treatment Facility Tour Paper Due	Homework Tour Paper
10	Topic: Plant Operation Math: Water Rates-Budgeting, Energy Conservation	Homework Discussion
11	Final Exam	