



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Wastewater Collection Systems
Course Number: ENV134

Required Materials

Textbook(s): Wastewater Collection System Operator Certification Studybook 3rd edition
 ISBN-13 978-1572784772

Required Readings: None

Additional Materials: None

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
1	Overview of the wastewater industry Weekly Quiz
2	OSHA standards Weekly Quiz
3	Gravity pipes, manholes, tanks, control structures, and service connections. Weekly Quiz
4	Basic design requirements Weekly Quiz
5	Principles of hydraulics Lab
6	Principles of various pump types Lab
7	lift stations. Weekly Quiz
8	Mid-Term
9	preventative maintenance. Weekly Quiz
10	advanced sewer cleaning Weekly Quiz
11	odors and corrosion.

Week	Chapter/Topic/Lab
	Weekly Quiz
12	Core mathematical calculations. Homework Assignment
13	Advanced calculations. Homework Assignment
14	Sanitary Sewer Overflows Lab
15	Record-keeping Final Review
16	Final Exam