

**CERTIFICATE OF ACHIEVEMENT**

This Certificate of Achievement is an 18-month program that prepares students for a lucrative career in this area. Students learn to operate the machinery used in wastewater management plants where urban wastewater is treated for release back into the environment. Classes are generally held at the Clark County Sanitation District facilities.

**STUDENT LEARNING OUTCOMES – Graduates of this program will have the opportunity to:**

- Demonstrate an understanding of the fundamentals of waste water treatment and related technologies.
- Demonstrate an understanding of the laws and regulations that apply to waste water treatment.
- Demonstrate an understanding of the various treatment methodologies and technologies applicable to waste water treatment.
- Demonstrate an understanding of pump operation and maintenance for waste water treatment operation.

**GENERAL EDUCATION REQUIREMENTS (3 Credits):**

	CR	SEMESTER
<b>COMMUNICATIONS:</b> ENG 107	3	_____

**SPECIAL PROGRAM REQUIREMENTS (28 Credits):**

	CR	SEMESTER
<b>ESH 202</b> Environmental Laws and Regulations	3	_____
<b>ESH 240B</b> Wastewater Treatment I	3	_____
<b>ESH 241B</b> Wastewater Treatment II	3	_____
<b>ESH 242B</b> Wastewater Treatment III	3	_____
<b>ESH 246B</b> Water/Wastewater Mathematics I	3	_____
<b>ESH 247B</b> Water/Wastewater Mathematics II	3	_____
<b>ESH 248B</b> Water Quality Analysis and Laboratory	4	_____
<b>ESH 250B</b> Pump Operation and Maintenance	3	_____
<b>ESH 251B</b> Current Issues	3	_____

Computation included in ESH 246B  
Human Relations included in ESH 202

**31**  
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

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