

# WASTEWATER EXAM REVIEW COURSE

## ENVM-104

*Preparation for Wastewater State Examinations to be given in April, 2012*

**Description:** This course helps prepare candidates to sit for Class I and A Indiana Dept. of Environmental Management (IDEM) state wastewater certification examinations. The basic biological treatment processes are covered as well as preparation for advanced municipal wastewater licenses including Class II, III and IV. Industrial candidates for the advanced Class B, C and D licenses need this course **and** ENVM-208 to prepare for the examinations. Course material focuses on the IDEM Expanded Study Guides for the municipal class licenses.

**Location:** IVY Tech Community College  
Ft. Benjamin Harrison Fire Station  
Public Safety Building  
9530 E. 59<sup>th</sup> Street (59<sup>th</sup> & Lee Rd)  
Lawrence, IN 46216 (North East Indianapolis)  
I-465 Eastside of Indy exit 56<sup>th</sup> Street. Go east to Lee Road and then north to 59<sup>th</sup> Street. The Public Safety Building is on the northeast corner, and parking is available.

**Dates:** 8/25/11 to 12/15/11

**Time:** Thursday 5:30 PM to 9:20 PM

**Instructor:** Thomas H. Martin (alternate, Martha S. Martin)

**Information:** Call Ms. Lynn Strohacker (317) 546-4551 or the Registrar's Office (317) 921-4800 for more information. Register on line at [www.ivytech.edu](http://www.ivytech.edu) and click "Apply Now"

**Course Title:** Plant Operations-Sanitary  
Section # **ENVM 104**  
Credit Hours: 3

**Tuition:** Tuition is about \$125 per credit hour and tuition fees must be paid before Aug. 25 or a late penalty will be assessed. Students must register on line before the first class meeting.

**Books:**

**Class I and A candidates:**

Operation of Wastewater Treatment Plants, Volume I, 7<sup>th</sup> Edition\*

Operation of Wastewater Treatment Plants, Volume II, 7<sup>th</sup> Edition\*

Wastewater Operator Certification Manual, 2008\*\*

**Class II candidates:**

Operation of Wastewater Treatment Plants, Volume I, 7<sup>th</sup> Edition\*

Operation of Wastewater Treatment Plants, Volume II, 7<sup>th</sup> Edition\*

Wastewater Operator Certification Manual, 2008\*\*

Advanced Wastewater Treatment, 5<sup>th</sup> Edition\*

**Class III and IV candidates:**

Operation of Wastewater Treatment Plants, Volume I, 7<sup>th</sup> Edition\*

Operation of Wastewater Treatment Plants, Volume II, 7<sup>th</sup> Edition\*

Wastewater Operator Certification Manual, 2008\*\*

Advanced Wastewater Treatment, 5<sup>th</sup> Edition\*

Pretreatment Facility Inspection, 3<sup>rd</sup> Edition\*

Introduction to the National Pretreatment Program, EPA 1999\*\*\*

\*Available from California State University at Sacramento

[www.owp.csus.edu](http://www.owp.csus.edu) telephone (916) 278-6142.

\*\*Available for free at:

[www.in.gov/idem/files/wastewater\\_certification\\_manual.pdf](http://www.in.gov/idem/files/wastewater_certification_manual.pdf)

\*\*\*Available for free at:

[www.epa.gov/owmitnet/final99.pdf](http://www.epa.gov/owmitnet/final99.pdf)

**Note:**

This review course **does not** prepare candidates for the IDEM examination offered in October, 2011, because it will not be completed in time for the exam. Industrial Class B, C and D candidates need to enroll in ENVM-208 in the spring semester before taking the state examination which will be offered in April, 2012.