

Biological/Natural Systems

Course #1207 or 1207-V



Who should attend?

This course is intended for individuals who are currently working toward obtaining a certification in BNS and for certified BNS Operators who want to have a better understanding of the BNS processes.

No prerequisite is required, however, **basic math skills are essential**. For those who need to refamiliarize with basic math concepts, [Math Fundamentals for All Certifications Course #1009](#) and [Applied Math for All Certifications Week 1 Course #1014](#) are recommended.

Course Description

This course is an introduction to the wastewater treatment process. The student will gain an understanding of the various components and processes used to operate a BNS facility and become familiar with water quality analysis and State of Tennessee regulations applied to BNS Systems.

Topics include:

- Wastewater Characteristics
- Ponds, Lagoons, and Packed Bed Filters
- Effluent Disposal Methods
- Disinfection and Lab Procedures
- BNS Mathematics

Course Materials

Please bring a scientific calculator, scratch paper, highlighter, and pens or pencils to class.

If attending at the Training Center, the class booklet will be provided at the beginning of class.

For virtual attendance, a camera and microphone are required. The class booklet will be emailed to virtual students prior to the class start date.

For a complete list of exam reference textbooks, please visit our [website](#).

Course Length

The course is four (4) class days.

Experience Credit

Three (3) months toward BNS operating experience.

Continuing Education

Approved for six (6) hours of CE credit for certified Biological/Natural Systems Operators.

Fees

\$300.00 for class

Questions? Contact:

The Fleming Training Center

(615) 898-8090

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