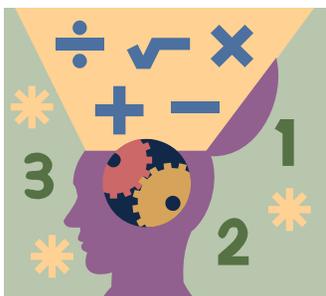


# Applied Math for Water Treatment Operators

Fleming Training Center  
Course # 1101



## Who should attend?

This course is intended for individuals who are currently working in a Water Treatment Facility. The course is geared toward persons who are planning to become certified operators and for currently certified operators who want to have a better understanding of water treatment processes and the calculations involved.

There is no prerequisite for the course, however, **basic math skills are essential**. If a student has difficulty with math, it is recommended that he or she attend the course [#1014 Basic Math prior to this class](#).

## Course Description

The course involves practice in applying math skills to the calculations used in water treatment plant operation.

## Topics include:

- Coagulation and Sedimentation
- Filtration and Disinfection
- Pre-Treatment and Pumps
- Stabilization and Softening
- Fluoridation and Chemical Feeders

## Course Materials

Please bring a Study Guide printed off [Fleming website](#) (or request a book be printed for you by FTC), scientific calculator, scratch paper, highlighter, and pens or pencils to class.

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

## Course Length

The course is five (5) class days.

## Experience Credit

Five (5) months for Grade 4 Water Treatment applicants and three (3) months for Grade 1, 2, and 3 Water Treatment applicants upon completion.

## Continuing Education

Approved for twelve (12) hours of continuing education credit for **certified** Grade 3 & 4 Water Treatment operators. It is also approved for six (6) hours of continuing education credit for certified Grade 1 & 2 Water Treatment operators.

## Fee:

\$275.00 for class

\$10.00 for Study Guide (or print from [Fleming website](#) for free)

## Questions? Contact:

**Amanda Carter**

**(615) 898-6507**

[Amanda.Carter@tn.gov](mailto:Amanda.Carter@tn.gov)