This course will provide dental hygienists with the basic concepts of local anesthesia. Course participants will engage in safe and effective administration of local anesthetics under direct supervision of a licensed Ohio dentist. Participants must, within 18 months of completion of this course, successfully complete an Ohio State Dental Board-approved state or regional written examination on local anesthesia.

**COURSE OBJECTIVES**

- Discuss the theory of pain and pain control
- Understand the neurophysiology of pain perception and reaction
- Discuss psychological aspects of pain control
- Locate and identify the anatomical structures for the needle penetration sites for each injection on a skull and on a patient
- Identify all nerve branches of the fifth (trigeminal) cranial nerve
- Discuss nerve blocks and infiltration
- Differentiate the pain control modalities and proper selection
- Understand the pharmacology of local anesthetic agents and vasoconstrictors
- Complete a dental and medical health history for a patient
- Discuss and be able to avoid systemic complications and local complications from local anesthetic administration
- Practice proper infection control throughout all clinic exercises
- Prepare and demonstrate the correct use of local anesthetic armamentarium
- Demonstrate correct topical anesthetic application for each injection site
- Demonstrate the correct needle placement, needle size, depth of needle penetration and amount of solution to administer
- Be able to respond to any medical emergency related to local anesthetic administration
- Give proper post-operative instructions
- Record the local anesthesia procedure in the patient's treatment record

**Participant Fee**

$900.00 per person

The per person fee includes all instruction and clinical coursework. The course manual and supplies, with the exception of a few items listed below, are also included in the participant fee.

You must also wear or bring:

- Closed-toe shoes
- Safety glasses
- Treatment jacket
- Metal syringe (must be autoclavable, breach loading and aspirating)
- Current dental hygienist license

**Optional Textbook**


You are responsible for purchasing this textbook, if you so choose. This text is an additional source of information only and will not be a required course reference.

The text will not be made available for purchase in the Rhodes State Campus Bookstore.

**NEW This Summer!**

Mark your calendar! We will offer the Oral Health Access Supervision Program (OHASP) on Friday, July 27 from 8am to 5pm here at Rhodes State. Brochure and registration information will be coming soon!

*Presented by*

The Dental Hygiene Program
and
Solutions, etc…

*One Seminar Scheduled*

To begin July 13, 2012

*Pre-Registration Required*

All classes will be held at Rhodes State College, Lima.
LOCAL ANESTHESIA

One section to attend:

#L3414A (July 13, 14, 20 and 21, 2012)

Fee

$900.00 per person
(Sorry, payment plans are not available)

4 EASY WAYS TO REGISTER

(1) MAIL IN REGISTRATION FORM

Solutions, etc...
Rhodes State College
4240 Campus Drive, Lima OH 45804
Checks payable to Rhodes State College

(2) FAX IN REGISTRATION FORM

(419) 995-8096
Please specify payment method

(3) PHONE IN YOUR REGISTRATION

(419) 995-8406
8:30am to 4:00pm, weekdays

(4) EMAIL YOUR REGISTRATION

Complete then scan the registration panel. Email it to Sybert.A@RhodesState.edu

Registration confirmation will be sent by U.S. mail at least one week prior to your class start date. The confirmation includes a campus map and the location of your class.

Refund, Cancellation & Invoicing Policies

- You can withdraw from a course up to 3 days before the start date. A $50 fee applies to any such cancellation.
- You will be charged 50% of the fee for cancellation within 3 days of the start date.
- No refunds are issued for no-shows. Substitutions are welcome.
- A $5 service charge will be added in any instance Solutions, etc... invoices for payment of fees.
- A $25 late payment charge will be imposed for non-payment of an invoice within the payment terms given on the invoice. Typical payment terms are net 30 days.

INSTRUCTOR BIO

Richard R. Ramsey, D.D.S

Dr. Ramsey has been an instructor in dental hygiene at Rhodes State College since 1979. Presently he is a full-time assistant professor. Dr. Ramsey teaches all of our Local Anesthesia courses. Some additional accolades include:
- Carroll College graduate, 1968
- University of Detroit Mercy, School of Dentistry graduate, 1972
- Periodontology Internship, U.S. Army, 1972-1974
- Honorary member of Sigma Phi Alpha — National Dental Hygiene Honor Society
- Honorary member of Northwestern Ohio Dental Hygienists’ Association
- American Dental Association member
- Ohio Dental Association member
- Northwestern Ohio Dental Society member

2012 COURSE SELECTIONS

#L3414A
Meets on Fridays and Saturdays: July 13, 14, 20 and 21, 2012
See agenda for class times
Class size limited to 24 participants

Additional sessions may be added later this year. Please contact April Sybert for more information.

(419) 995-8406
Sybert.A@RhodesState.edu