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598 Display Way  
Sacramento, CA 95838



2008-2009  
**FPSIE, Inc.**  
Course Schedule & Registration



Directing You  
to Success

The Foundation for Pool & Spa Industry Education, Inc. (FPSIE), a non-profit organization, views education as an exciting opportunity to create value to the community, bring new people into the industry, and increase the level of knowledge for anyone involved with swimming pools, spas and hot tubs.

**Where FPSIE, Inc. has been:**

Over the past several years FPSIE, Inc. has been in its foundation stage – building a state-of-the-art training facility:

- A magnificent multipurpose computer training room which can hold more than 50 people with hi-tech video streaming capabilities for LIVE classrooms (different from a webinar)
- A laboratory for dissecting motors, controllers and heaters to name a few
- A swimming pool tank to include state of the art equipment, interchangeable parts, and a design system that allows endless opportunities for education
- A construction area to gain knowledge on building and renovating pools; installing gunite, rebar, electrical systems, controllers and so much more

**Where FPSIE, Inc. is going:**

Today and into the future we have entered a new educational phase. With your help to reach our long term goals, a few examples of how we plan to increase our classroom and on-line (internet computer based learning) curriculum/courses will include:

- Facilitation as an educational resource center
- Career development and advancement training
- A foundation for new people entering the industry
- Specialized courses for secondary markets (i.e. health officials, utilities, realtors, inspectors, maintenance staff, homeowners)
- Specialized retail, service, manufacturer, distributor and builder programs
- Equipment specialization training
- Supervisory training
- Marketing and sales tools training

**At FPSIE, Inc. we believe we can all benefit from education. Please help to make our vision and your vision a reality...directing you to success.**



FPSIE's state-of-the-art facility

**Our Guarantee**

To provide innovative, dynamic and knowledgeable instructors as well as FREE services to our graduates:

- Consultation and advice by phone
- Any former learner can attend a one or two day course for review purposes only (not re-certification)

**Facility**

All Sacramento courses are held at FPSIE, Inc., 598 Display Way, Sacramento, CA 95838. Phone (916) 922-8895

ASK US ABOUT OUR SPECIAL FACILITY RENTAL RATES TO HOST YOUR OWN TRAINING WORKSHOP!

**Course Hours**

All courses are held from:

8:00 am - 5:00 pm for each respective day(s)

ADDITIONAL COURSES MAY BE SCHEDULED AT YOUR LOCATION AND CONVENIENCE.

**Course Registration**

Three convenient ways to register:

1. On-line registration: [www.fpsie.org](http://www.fpsie.org)
  2. Mail the course registration form to:  
FPSIE, Inc., 598 Display Way, Sacramento, CA 95838
  3. Fax the registration form to FPSIE, Inc.: (916) 650-0979
- EARLY REGISTRATION IS ADVISED.

BRING PENCIL/PEN, PAPER AND CALCULATOR TO ALL COURSES. Lunch will not be provided, but coffee, beverages and snacks are always available.

**Fees**

Course fees are indicated below the course schedule. Add \$7.00 to ship books in advance. (Additional books at an added fee may also be shipped in advance.) Add \$35.00 for any late registration within 14 days of the course. Health Officials receive a 40% discount.

The following Association Memberships receive a discount as noted with the course:

|       |       |       |      |      |    |
|-------|-------|-------|------|------|----|
| APSP  | ASAPP | CAI   | CREI | FPSA | G3 |
| IPSSA | MPG   | NESPA | NPA  | UPA  |    |

**Refund Policy**

In the event you cannot attend, a refund may be requested prior to 14 days of the course. However, a \$50 administrative cancellation fee plus the cost of any course materials mailed will be deducted. Within 14 days of the course, or if you fail to attend, no refund will be given.

**Transfer Policy**

Transfer to another course may be made prior to 14 days of the original course at no charge. A \$50 administrative transfer fee will be charged for transfers within 14 days of the original course. If you are requesting a transfer into a course that is already in its 14-day late registration period, an additional \$35 late fee will be charged. Only one transfer is allowed per registration.

**Substitution Policy**

Learner substitutions may be made at any time without penalty.



**Aquatic Energy Auditor (AEA) (8 Hours)**

Can you determine the energy efficiency of your swimming pool or spa?

**Be able to perform energy audits. Learn about proposed changes to CA standards Title 24 (energy efficiency) and Title 20 (pool appliances).** Anyone involved with energy conservation will benefit (i.e. energy auditors, inspectors, pool service personnel). This advanced course covers energy relationships relating to recirculation and filtration; hydraulics and piping; heaters, pumps, motors and lighting. (8 APSP Certification Credit Hours)

| Dates               | Day   | Location   | Course # |
|---------------------|-------|------------|----------|
| <b>2008 Courses</b> |       |            |          |
| 12/11/08            | Thurs | Sacramento | 100      |
| <b>2009 Courses</b> |       |            |          |
| 01/15/09            | Thurs | Sacramento | 110      |
| 02/10/09            | Tues  | Sacramento | 120      |
| 03/11/09            | Wed   | Sacramento | 130      |
| 05/28/09            | Thurs | Sacramento | 140      |
| 06/24/09            | Wed   | Sacramento | 150      |
| 07/20/09            | Mon   | Sacramento | 160      |
| 09/01/09            | Tues  | Sacramento | 170      |
| 11/02/09            | Mon   | Sacramento | 180      |
| 12/10/09            | Thurs | Sacramento | 190      |

\$279 classroom \$249 with Association discount \$185 internet computer course\*\*

**Basic Electricity for Swimming Pools and Spa (8 Hours)**In today's sophisticated swimming pool, **do you know what you might touch?** Learn to **recognize basic pool electrical functions and hazards.** Topics include: safety; basic electrical terms, theory, components & testing; electrical systems, circuits & functions; controllers, pumps & chlorinators.**Don't miss the buzz!** (8 APSP Certification Credit Hours)

| Dates    | Day   | Location   | Course # |
|----------|-------|------------|----------|
| 02/17/09 | Tues  | Sacramento | 200      |
| 03/17/09 | Tues  | Sacramento | 210      |
| 05/27/09 | Wed   | Sacramento | 220      |
| 07/21/09 | Tues  | Sacramento | 230      |
| 09/02/09 | Wed   | Sacramento | 240      |
| 10/08/09 | Thurs | Sacramento | 250      |
| 11/03/09 | Tues  | Sacramento | 260      |

\$279 classroom \$249 with Association discount

**Hot Tub for Rookies (16 Hours)****Never operated a spa or hot tub? Selling, servicing or buying one?** Learn: safety precautions & hazards; basic structures, filtration & recirculation systems; operations, maintenance & routine service; electrical connections & components; spa water chemistry & testing. (16 APSP Certification Credit Hours)

| Dates               | Days       | Location   | Course # |
|---------------------|------------|------------|----------|
| 01/20/09 - 01/21/09 | Tues - Wed | Sacramento | 300      |
| 03/09/09 - 03/10/09 | Mon - Tues | Sacramento | 310      |
| 10/06/09 - 10/07/09 | Tues - Wed | Sacramento | 320      |

\$349 classroom \$279 with Association discount

**Hydraulics - Advanced NEW (16 Hours)****So you think it will really flow?** Recommended for those with at least 5 years of experience with swimming pools or you have taken Tech 1, Tech 2 or CPO. Architects, Engineers and Health Officials are also welcome. **Challenge your knowledge and problem solving abilities with the nationally recognized hydraulic leader, Fred Hare,** a retired veteran from Pentair & Sta-Rite. Find solutions for even the most difficult hydraulic installations!

| Dates               | Days        | Location   | Course # |
|---------------------|-------------|------------|----------|
| 01/22/09 - 01/23/09 | Thurs & Fri | Sacramento | 400      |
| 04/29/09 - 04/30/09 | Wed & Thurs | Sacramento | 410      |

\$349 classroom \$279 with Association discount

**Certified Pool - Spa Operator (CPO®) by NSPF® (16 Hours)**The National Swimming Pool Foundation's CPO® course is internationally recognized and provides foundational training for anyone involved with a swimming pool. From maintenance staff & engineers, to pool owners & retail staff, to management, directors & health departments - everyone benefits from this concentrated training. **Did you know you may be required to be a CPO? Will you be compliant with the federal Virginia Graeme Baker Pool and Spa Safety Act requiring anti-entrapment devices installed by December of 2008?**

Topics include: state, federal &amp; health regulations; disease control &amp; accident prevention; liability &amp; risk management; filtration systems &amp; recirculation; pool chemistry, water balance, disinfection &amp; testing; maintenance &amp; troubleshooting; renovations; management &amp; personnel; spas; seasonal pools &amp; energy conservation. (1.8 Continuing Education Units (CEU) and 16 APSP Certification Credit Hours)

| Dates               | Days        | Location   | Course # |
|---------------------|-------------|------------|----------|
| <b>2008 Courses</b> |             |            |          |
| 12/03/08 - 12/04/08 | Wed - Thurs | Sacramento | 500      |
| 12/06/08 - 12/07/08 | Sat - Sun   | Fresno     | 550      |
| 12/09/08 - 12/10/08 | Tues - Wed  | Vista      | 551      |

**2009 Northern California Courses**

|                      |             |            |     |
|----------------------|-------------|------------|-----|
| 01/13/09 - 01/14/09  | Tues - Wed  | Fairfield  | 501 |
| 01/27/09 - 01/28/09  | Tues - Wed  | Reno       | 502 |
| 01/31/09 - 02/01/09  | Sat - Sun   | Salinas    | 503 |
| 02/11/09 - 02/12/09  | Wed - Thurs | Chico      | 504 |
| 02/18/09 - 02/19/09  | Wed - Thurs | Modesto    | 505 |
| *03/04/09 - 03/05/09 | Wed - Thurs | Oakland    | 506 |
| 03/14/09 - 03/15/09  | Sat - Sun   | Redding    | 507 |
| 03/18/09 - 03/19/09  | Wed - Thurs | Sacramento | 508 |
| 04/14/09 - 04/15/09  | Tues - Wed  | Sacramento | 509 |
| 04/25/09 - 04/26/09  | Sat - Sun   | Willits    | 510 |
| 05/04/09 - 05/05/09  | Mon - Tues  | Oakland    | 511 |
| 05/09/09 - 05/10/09  | Sat - Sun   | Sacramento | 512 |
| 05/19/09 - 05/20/09  | Tues - Wed  | Modesto    | 513 |
| 06/17/09 - 06/18/09  | Wed - Thurs | Sacramento | 514 |
| 07/28/09 - 07/29/09  | Tues - Wed  | Fairfield  | 515 |
| 08/04/09 - 08/05/09  | Tues - Wed  | Sacramento | 516 |
| 09/15/09 - 09/16/09  | Tues - Wed  | Sacramento | 517 |
| 11/07/09 - 11/08/09  | Sat - Sun   | Santa Rosa | 518 |
| 11/16/09 - 11/17/09  | Mon - Tues  | San Jose   | 519 |
| 12/08/09 - 12/09/09  | Tues - Wed  | Sacramento | 520 |

**2009 Southern California Courses**

|                     |             |                 |     |
|---------------------|-------------|-----------------|-----|
| 01/17/09 - 01/18/09 | Sat - Sun   | San Diego       | 552 |
| 02/04/09 - 02/05/09 | Wed - Thurs | Ventura         | 553 |
| 02/28/09 - 03/01/09 | Sat - Sun   | Palm Springs    | 554 |
| 04/06/09 - 04/07/09 | Mon - Tues  | Long Beach      | 555 |
| 04/21/09 - 04/22/09 | Tues - Wed  | Bakersfield     | 556 |
| 05/13/09 - 05/14/09 | Wed - Thurs | Lancaster       | 557 |
| 06/06/09 - 06/07/09 | Sat - Sun   | Ventura         | 558 |
| 07/08/09 - 07/09/09 | Wed - Thurs | San Luis Obispo | 559 |
| 08/01/09 - 08/02/09 | Sat - Sun   | San Diego       | 560 |
| 09/26/09 - 09/27/09 | Sat - Sun   | Santa Barbara   | 561 |
| 10/28/09 - 10/29/09 | Wed - Thurs | Riverside       | 562 |
| 12/02/09 - 12/03/09 | Wed - Thurs | Vista           | 563 |
| 12/05/09 - 12/06/09 | Sat - Sun   | Fresno          | 564 |

\$389 classroom \$349 with Association discount

\*This class is for Health Officials only

**Tech I by APSP® (40 Hours)**The Association of Pool & Spa Professionals, **one of the largest trade associations** representing the swimming pool, spa, and hot tub industry, **offers another layer of learning for anyone involved with a swimming pool.** From maintenance staff and engineers, to pool owners and retail staff, to management, directors and health departments - everyone benefits from this comprehensive five day course. Learning includes the basic elements of pool and spa technology: practical knowledge for owners and operators; structures and electrical systems; hydraulics, pumps, filters and heaters; water chemistry and chemical feeders; pool and spa maintenance.

| Dates               | Days      | Location   | Course # |
|---------------------|-----------|------------|----------|
| <b>2008 Courses</b> |           |            |          |
| 10/13/08 - 10/17/08 | Mon - Fri | Sacramento | 600      |
| 12/15/08 - 12/19/08 | Mon - Fri | Sacramento | 610      |

**2009 Courses**

|  |  |            |     |
|--|--|------------|-----|
| 02/23/09 - 02/27/09                            | Mon - Fri  | Sacramento | 620 |
| 10/12/09 - 10/16/09                            | Mon - Fri  | Sacramento | 630 |
| 12/14/09 - 12/18/09                            | Mon - Fri  | Sacramento | 640 |
| \$1,249 class (no certification)               | \$1,119 with Association discount (no certification) |            |     |
| \$629 with APSP membership (for certification) | \$359 internet computer course**                     |            |     |

**Tech II by APSP® (40 Hours)**The Association of Pool & Spa Professionals offers a **second layer of learning for anyone** who successfully passes or challenges the Tech I course. **You are on your way to becoming an APSP® Certified Service Professional (CSP®).** This comprehensive five day advanced course places greater emphasis on problem solving, renovation, electrical troubleshooting, pump installation, sizing and repairing filters, advanced water chemistry, and automated maintenance systems. Successful completion of TECH II means you can advance to the third stage by taking 40 hours of technical elective courses and a written examination. A passing score grants you the program's highest credential - CSP Certified Service Professional®, **a must for anyone taking care of pools or spas.**

| Dates               | Days      | Location   | Course # |
|---------------------|-----------|------------|----------|
| <b>2008 Courses</b> |           |            |          |
| 11/10/08 - 11/14/08 | Mon - Fri | Sacramento | 700      |

**2009 Courses**

|  |  |            |     |
|--|--|------------|-----|
| 01/05/09 - 01/09/09                            | Mon - Fri  | Sacramento | 710 |
| 03/23/09 - 03/27/09                            | Mon - Fri  | Sacramento | 720 |
| 11/09/09 - 11/13/09                            | Mon - Fri  | Sacramento | 730 |
| \$1,349 class (no certification)               | \$1,219 with Association discount (no certification) |            |     |
| \$679 with APSP membership (for certification) |  |            |     |

**Water Features & Play/Amusement Parks – the Basics NEW (8 Hours)**Let's splash with the children! **If you provide, own or service these magnificent displays of art, then this course is a MUST for learning.** This amazing one day class teaches the basic concepts of waterfalls, fountains, and other water features such as water slides, laminar's, deck jets and sheer descents. Class instruction includes common hydraulic and design mistakes that create poor performance. You will **participate with our amazing plug and play wet laboratory swimming pool tank, including state of the art equipment, water features, and a design system that allows endless opportunities for education.**

| Date     | Day  | Location   | Course # |
|----------|------|------------|----------|
| 04/28/09 | Tues | Sacramento | 800      |
| 06/23/09 | Tues | Sacramento | 810      |

\$279 classroom \$249 with Association discount

\*\*Internet computer courses should complete the same registration form. Upon receipt, we will notify you how to access your computer course on-line any time.

**2008-2009 FPSIE, Inc. Course Registration Form**

(Please include check, PO or credit card information made out to FPSIE, Inc. with registration)

Please Print

Name of Applicant: \_\_\_\_\_

Home Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Company Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Business Phone: \_\_\_\_\_ Business Email: \_\_\_\_\_

Home Email: \_\_\_\_\_ Association #: \_\_\_\_\_

Total Course(s) Cost: \$ \_\_\_\_\_  Add \$7.00 for each course to ship books in advance Check  Visa  Master Card  Discover  American Express  PO #:

Card #: \_\_\_\_\_ CVV Code: \_\_\_\_\_

Name on Credit Card: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Mail registration form and payment to: FPSIE, Inc., 598 Display Way, Sacramento, CA 95838 or fax to (916) 650-0979

Select Course(s)

 Aquatic Energy Auditor

Course number: \_\_\_\_\_

 Basic Electricity

Course number: \_\_\_\_\_

 CPO by NSPF

Course number: \_\_\_\_\_

 Hot Tub for Rookies

Course number: \_\_\_\_\_

 Hydraulics - Advanced

Course number: \_\_\_\_\_

 Tech I by APSP

Course number: \_\_\_\_\_

 Tech II by APSP

Course number: \_\_\_\_\_

 Water Features and Play Parks

Course number: \_\_\_\_\_