

ADVANCE YOUR CAREER. TRAIN YOUR EMPLOYEES.

ABYC & WESTLAWN Education and Training for Marine Professionals!

ABYC is the acknowledged leader in education and workforce certification for the marine industry. The Westlawn Institute of Marine Technology is the not-for-profit educational affiliate of ABYC, offering distance-learning courses in small-craft design. Together, they provide the boating industry with a variety of classes, both on-site and via distance learning, to serve the industry's need for highly trained workers and support the career path of marine professionals. Courses progress from entry level to advanced, and cover topics ranging from electrical to engines to systems and boat design.

Whether it is a basic marine know-how class, one of our many ABYC certifications, or a distance learning course in boat design, use this catalog to find the courses that are right for you and your employees. Then, check out our web sites at www.abycinc.org and www.westlawn.edu for complete course information!

ABYC Certifications Explained

ABYC Certifications are a professional credential that states to the public that you have a thorough understanding of a marine trade. ABYC Certification classes are unlike other industry certifications. ABYC employs the NOCTI (National Occupational Competency Testing Institute) process. The NOCTI process involves assembling an industry wide panel of experts in a given area such as Electrical, who spend days brainstorming and assembling all the relevant information an expert in this field should possess. The data is then weighted and categorized, and the industry group works backwards to create the exam. This process creates a third party certification authority that speaks with unquestioned industry credentials, and differentiates ABYC Certifications from all others in the industry.

Another differentiator of an ABYC Certification is the ability the certification test has to provide a "skills inventory" for a test taker. Each group of skills and knowledge is subdivided into about a dozen sub groups. A student is graded not only on the certification test as a whole, but on each sub group as well. A candidate that achieved certification may learn that they know little about one sub group, which gives each person the opportunity to evaluate their professional knowledge, and to augment that knowledge.

The keys to certification success are industry experience, realistic self evaluation and a disciplined approach to professional self improvement through study and training. **We look forward to helping you through this process!**

COMING SOON...

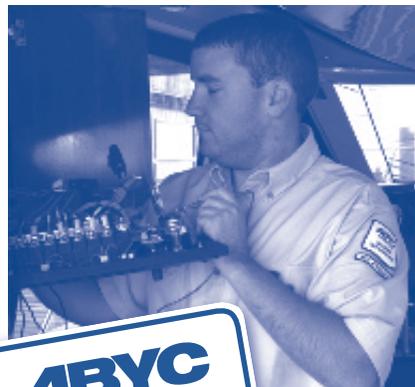
New Marine Surveying Program in Development

Westlawn and ABYC are creating a new Westlawn diploma program in marine surveying. This program is designed to qualify graduates for entry-level membership in the Society of Accredited Marine Surveyors (SAMS) or the National Association of Marine Surveyors (NAMS). It will consist of Westlawn's Elements of Technical Boat Design course, along with any three of the following ABYC technician certifications: ABYC Standards, Marine Systems, Diesel Engines, Electrical, or Corrosion. A final component is a specialized distance-learning short course specifically on the fundamentals of marine surveying in development for release in 2010. Completion of all required components will qualify the graduate for a Westlawn diploma in marine surveying. You can get a head start now.

Enroll in Elements of Technical Boat Design or an ABYC technician certification course and you'll be in a position to complete the new marine surveying program quickly when it becomes available in 2010.

ABYC Certification promotional materials are available for purchase at the ABYC web site, www.abycinc.org. Materials include patches, window decals, vehicle stickers, shop signs and banners. Show off your ABYC credentials to the next customer that walks through your door!

Importance of Recertification



The two most important reasons to recertify are your career and yourself. As the marine industry and technology continues to change, more people enter the profession every year. And that means more competition.

By recertifying, you distinguish yourself as an accomplished professional committed to improving your skills and your knowledge. Recertification is a

process that enables you to become not only more competitive, but more competent in your chosen career. It builds upon your expertise through a wide-range of continuing education and hands-on experience. Recertification also provides the opportunity to reaffirm your commitment to ABYC, boating safety and a high level of quality.

Visit www.abycinc.org and www.westlawn.edu for more details!



On-Site Training

In addition to scheduling over 30 courses a year at locations throughout the country, the ABYC On-Site training program is a great opportunity for manufacturers, boatyards, associations, dealers, etc. to provide valuable education for larger groups of students/employees. The marine industry is looking for flexible, cost effective alternatives to help the industry meet their training needs, and our pricing is flat rate and easy to budget, with no "extra charges."

Our classes are priced at reasonable rates and will give you the opportunity to lower education costs for your company, while adding to the professional skills and knowledge of your employees. To ensure the quality of the education, the classes are limited to 30 students per class.

We ask that you allow us at least one month to schedule your On-Site program, and will also be happy to schedule up to 12 months out.



"I use ABYC Certification credentials on all my advertising and business cards. Many of my new customers tell me that they chose to contact my company over the competition because of my ABYC credentials."

Anthony Vitucci
ABYC Master Technician

Learn More About

ABYC Education

New Education Initiatives

ABYC DVD Based Education

We are about to enter the world of remote, video based education. ABYC is currently collaborating on a DVD based product that will make the ABYC Electrical Certification available to individuals through their computers or televisions. This method of achieving the Electrical Certification has been in demand for a long time. Members will often spend more for travel and lodging than they will have to pay for their ABYC Certification class. Providing the ability to study at home, at ones own pace, will greatly reduce the cost and stress of achieving a difficult certification.

We hope to have this new product available by October of 2009. We do not foresee this product as ever replacing the ABYC class experience. The video presentation is targeted to learners who may be geographically remote, have a good electrical background to begin with and do not have the ability to take time off from work.

The new DVD Electrical Certification will be a lot more than a filmed class. The entire course was reworked from the beginning to create a new and unique educational environment. The Electrical Certification Study Guide will be reworked as well. However, the certification exam will still have to be taken at a proctored test environment.

ABYC has partnered with the Ken Cook Company to create this new DVD product. Keep an eye out for this exciting and timely product. We will plan to do other classes on DVD in the future, as well as develop online classes, but they will be some time away.

Webinars!

We are constantly working to stay relevant in the marine educational arena. This means delivering timely, technical curriculum and information to our members in a cost effective way. To be faithful to our mission we had to consider the webinar as a delivery vehicle. Webinars are convenient and inexpensive and they seem to be very effective at delivering focused, specific information to a wide range of audiences. In the Summer 2009, we started small and simple and made every effort to learn about the details of offering these presentations. We are still learning. Please keep your eyes open for these opportunities and join in on a session that catches your interest. Attending a webinar will have a very small cost. If we happen on a subject that is important to your company, have a pizza for the group and have the whole office listen in. Everyone will learn something. Join the fun on-line and train your staff in the most cost effective manner we know.

Become a Master Certified Technician

The ABYC "Master Certified Technician" title is a designation created to honor those marine professionals who successfully pass at least three ABYC Certification exams. These technicians not only have the work experience, but have demonstrated the desire to improve their skills with extensive "Standards Based" technical marine training. These individuals receive a Master Certified Technician certificate, Master Certified Technician ball cap and ABYC web site recognition for attaining this milestone in their careers.



Learn More About

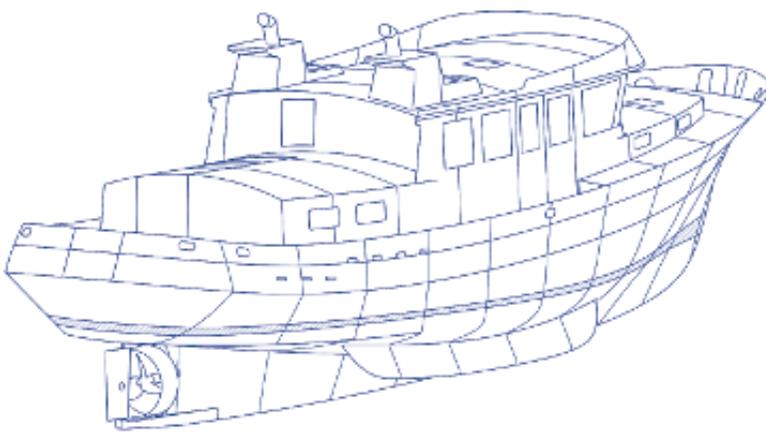


The Distance Learning Advantage

Distance learning is a cost effective way to advance your career or train your employees. It involves no travel, little time lost from work, no site set-up, no facility rental and modest tuition costs. You can start when you want and study at your own pace. Westlawn’s distance learning programs have been proven for more than 75 years.

Distance education is designed for learners who live at a distance from the teaching institution or education provider, or who cannot take time off to attend school in a classroom setting. It is guided study with an educational institution that provides organized, formal learning opportunities for students. Presented in a sequential and logical order, the instruction and lessons are offered wholly by distance study, through virtually any media (printed and nonprint materials). When each lesson or segment is completed, the student sends to the school the assigned work for correction, grading, comment, and subject matter guidance by qualified instructors. Corrected assignments are returned to the student. This exchange fosters a personalized student-instructor relationship, which is the hallmark of distance education instruction.

Whichever course you choose, you learn quickly, through practical application of each subject. At every step, Westlawn instructors – practicing industry professionals – are available to answer questions, discuss projects and constructively review your work.



About Westlawn

Founded in 1930 to provide complete instruction in the specialized field of small craft design, Westlawn Institute has trained more practicing boat designers than any other school in the world. Instruction has always been 100 percent via distance learning, freeing Westlawn students to work from the convenience of their own home or office and on their own schedule. The full Yacht & Boat Design Program consists of 38-lessons covering all aspects of boat design and construction sail and power, in wood, fiberglass, and metal construction. A not-for-profit affiliate of the American Boat & Yacht Council (ABYC), Westlawn also offers a selection of continuing-education courses for marine-industry professionals which you can read more about in this catalog.

Westlawn is the only nationally accredited and state approved distance-learning school of small-craft design in the United States. It is an accredited member of the Distance Education and Training Council (DETC) and approved by the Connecticut Department of Higher Education.

Taking ABYC and Westlawn Courses Together



Although the ABYC and Westlawn courses are offered through different methods (in-class and distance learning), many of the courses complement each other. Marine professionals have the opportunity to combine their technical interests with design interests to understand all aspects of boat building, from design through maintenance.

Courses that complement each other will have a notation after the course description. This way, you can determine if you’d like to take advantage of the supporting coursework to round out and expand your knowledge base. Both ABYC and Westlawn programs are designed to support careers in the marine industry. As the acknowledged educational leaders for marine industry education, we encourage you to review the course information enclosed in this catalog thoroughly, visit our web sites for additional information and start planning your training and professional development path now!

AWARDS:

ABYC/Westlawn certificates of completion and/or Westlawn continuing-education units (CEUs) are granted on completion of each course. CEUs and certificates are recorded in the student’s permanent academic record at both Westlawn and ABYC Education.

DISCOUNTS:

Tuition discounts are also available for both Westlawn students and ABYC members. Those wishing to enroll multiple students in a Westlawn course are also eligible for multiple-student discounts.

The following ABYC courses are held throughout the year at various locations across the country, or can be scheduled as an "On-Site" course for a larger group. Visit www.abycinc.org for full course descriptions and registration information, as well as additional information on ABYC.

Member Discounts: ABYC members receive the member rate for all classes, as well as discounts on Westlawn courses. If you are not an ABYC member, it is easy to join. Visit the web site at www.abycinc.org or call the ABYC office at (410) 990-4460.

FOR ADDITIONAL INFORMATION VISIT WWW.ABYCINC.ORG

ELECTRICAL

EL200 - Basic Marine Electrical

Cost: \$495

This three day basic marine electrical course is designed for the electrical novice with minimal or no electrical experience. Topics include basic theory, alternators, battery chargers, and bonding. AC & DC standards are covered in detail as well as troubleshooting practices. The text for the course is *The Powerboater's Guide to Electrical Systems* 2nd edition, written by our Curriculum Director, Ed Sherman. This book is included in the cost of the course and will be shipped to the meeting location.

EL400 - Electrical Certification Course

Cost: \$885

This four day course is designed for the experienced technician with at least 3 - 5 years experience working with marine electricity. The student needs to be very familiar with ABYC electrical standards. Course topics include electrical theory, lead-acid batteries, using a multi-meter, battery testing, generator sets, inverters, grounding and bonding systems, troubleshooting and more. The class concludes with a 200 question certification exam.

EL250 - Electrical Certification Review (On-Line)

Cost: \$95

This online electrical review is designed for the very experienced marine electrical technician. The technician must be very familiar with the ABYC electrical standards. This online course reviews material and prepares the experienced technician for the electrical certification test. Once the review is successfully completed, the student may contact LaserGrade at 800-211-2754 to set up an appointment to take the electrical certification exam at one of their national test centers.

**For the most current schedule, go to www.abycinc.org
Register and pay online today!**

CORROSION

MC400 - Marine Corrosion Certification

Cost: \$885

Our four day Corrosion Certification course covers all aspects of marine corrosion. The course starts off with general corrosion theory and goes on to include; identifying types of corrosion, properties of marine building materials, corrosion control methods & applications, sacrificial cathode protection systems and impressed current systems, protective coatings and methodology and performing a corrosion survey. The course fee includes *The Boatowner's Guide to Corrosion* by Everett Collier. This textbook will be available to you when you arrive to the class. This class concludes with a 200 question certification exam.

Recommended Westlawn Course:

Westlawn's TT500, *Metal Corrosion in Boats*, is a good prerequisite course for the ABYC Marine Corrosion Certification.

ENGINES

EN200 - Basic Marine Engines

Cost: \$495

This three day program is designed to cover the essentials of both gasoline and diesel fueled engines. The course content is geared toward the less experienced engine technician, marine surveyor, or for anyone interested in learning the essentials of troubleshooting, maintaining and installing marine engines. This course will look at gas and diesel fuel systems, exhaust systems, gas ignition systems, cooling systems and other engine essentials. This course is an excellent pre-requisite for mastering the practical elements for the two ABYC Engine Certifications. It is important to note that the content for this course is primarily based on accepted industry best practices.

DE400 - Diesel Engine & Support Systems Certification

Cost: \$885

This four day program is designed for the experienced marine diesel engine technician and is intended to supplement factory sponsored engine specific courses and certifications with an industry recognized generic certification of knowledge for trouble-shooting and engine and drive installations. This course will cover diesel engines cooling systems, electrical systems, fuel systems, ventilation systems, exhaust systems, control systems, fuel injection, and drive systems. Additionally, extensive coverage of applicable ABYC Standards that apply to diesel engine installations will be provided. The class concludes with a 200 question ABYC certification exam.

Recommended Westlawn Course:

For advanced engine knowledge training, we recommend Westlawn's TT501, *Advanced Fuel Systems for Boats* as a follow-up to ABYC's Diesel & Support Systems Certification Course.

GE400 - Gasoline Engine & Support Systems Certification

This four-day program is designed for the experienced marine gasoline engine technician, both inboard and outboard. This course is intended to supplement brand specific, factory sponsored training programs with an industry recognized generic certification of competency. Topics will include:

- A review of two-stroke and four-stroke engine theory of operation, followed by a review of all routine maintenance and troubleshooting procedures for both inboard and outboard engines.
- Coverage of both carbureted and fuel injected fuel systems, lubrication systems with emphasis on two-stroke systems still in use and relevant ABYC Standards and U.S. laws applied to gasoline fuel and ventilation system installations.
- Cooling system and engine lower unit servicing, including propeller inspection and servicing.
- An overview of engine control systems and relevant ABYC Standards, as well as information found in the Industry Conformity Standards.
- Engine electrical systems, engine exhaust systems and finally, material related to engine drive systems – both inboard and outboard.

FIBERGLASS

CB400 – Composite Boat Builder Certification

Cost: \$525

This composites course is designed for boat builders and manufacturers. The curriculum includes marine composite construction, production and advanced manufacturing processes, structural details and hardware installation, quality assurance, and safety and environmental compliance. The course is followed by a 200 question certification exam.

Westlawn Companion Course:

ABYC's CBBC focuses primarily on hands-on assembly and construction. Westlawn's BC401, *Fiberglass Boatbuilding* covers good design and building practice and design calculations. You can start with either course, as they both complement each other nicely.

Recommended Westlawn Course:

An alternative recommendation for the factory engineer or manager, or shop-floor employees, who are looking to move up, would be to take Westlawn's BC402, *Fiberglass Boatbuilding Production Methods*.

LA300 - Laminator Course

Cost: Call for Class Quote and Scheduling

In this introductory composites course, students will be introduced to the theory and practical application of composites, materials, open molding procedures, finishing, and personal safety. The two day class is specifically designed to give a rudimentary understanding of the guidelines boat builders need to follow when building a composite boat. The material is taught on the first day in two 4-hour blocks. The second day begins with a one-hour review and is followed by a 2-hour, 100 question exam. After successful completion of the course, including the exam, attendees will earn the designation of ABYC Laminator and qualify for the ABYC Composite Boat Builder Certification course.

SYSTEMS

AC400 – A/C and Refrigeration Certification

Cost: \$525

The ABYC Air Conditioning and Refrigeration Certification course is designed for the marine technician that has at least a rudimentary level of experience and/or prior training in working with these systems. The ABYC Certification course consists of two and a half days of extensive material review covering the following areas:

- Installation and troubleshooting of:
 - both AC and DC electrical systems related to refrigeration
 - air management system
 - related plumbing systems
 - refrigeration system
- Troubleshooting and repair of system mechanical components.
- Installation and troubleshooting of reverse-cycle air conditioning systems.

The ABYC Certification exam will be administered after lunch on the third day of this program. Optionally, the attendee may attend a fourth day for a thorough review and exam to achieve EPA coolant certification for these systems.

EP200 – EPA Refrigerant Certification Class

Cost: \$195

This one day class offered at the conclusion of the A/C Refrigeration Certification is designed to equip the student with the EPA refrigerant certification necessary to purchase bulk refrigerant.

MS400 – Marine Systems Certification

Cost: \$885

This four day systems course will draw key information from 21 different ABYC Standards as they apply to boat component selection and installation. Best industry practices will be a part of the body of knowledge that a certified technician will be expected to be proficient in regards to Potable Water Systems, Waste Water Systems, Tankage, Plumbing, Electrical Installation, System Monitoring, Compressed Gas Systems for cooking and heating, Hydraulic Systems, AC and Refrigeration Systems, and Pump Systems. The class concludes with a 200 question certification exam.

ABYC STANDARDS

SC400 - ABYC Standards Certification

Cost: \$525

This three day course will provide the student with a comprehensive and focused look at the key ABYC Standards. Class discussion will address specific compliance issues relevant to engineers, installers, compliance inspectors and marine surveyors. Common non-compliance areas will be discussed and how to address these issues in both the factory and field environments. Where it is relevant, U.S. code of Federal Regulation (CFR) will be reviewed as they relate to ABYC Standards. The course is followed by a 100 question exam for standards certification.

REVISED

OTHER SEMINARS

AI200 - Marine Accident/Collision Investigation

Cost: \$495

This two day seminar will take the student through the investigative process of boating accidents, including accident reconstruction. The course is designed for marine surveyors, USCG personnel, boat builders and insurance personnel. Fiberglass failure & scratch analysis as well as electrical wire analysis is discussed. Proper accident documentation and spoliation of evidence is reviewed. Other topics include using standards in litigation and "rules of the road."

ONLINE TESTING

On-Line Certification Testing

Cost: \$225

Certification testing is available online for marine professionals that would like to self study and take the exam at a local test site. If you are a very experienced marine technician and are familiar with the ABYC Standards, you can purchase the appropriate Study Guide at the ABYC web site, and then take the exam. When ready to test simply call the ABYC Education Department to receive a "permission" to test letter, and then call LaserGrade at 800-211-2754 to set up an appointment to visit one of their 700+ convenient test centers.

ABYC STUDY GUIDES

We have been busy upgrading the eight ABYC Study Guides that accompany our certification courses. They have a professional, new look and all the information is current with the ABYC Standards. They are a great resource to use when studying for the ABYC Certification exams. Marine technicians have also realized the guides are a great reference publication to have around the shop. Many technicians now keep our Study Guides on-hand, to read and refer to on a regular basis. Although they are not meant to replace the ABYC manual, they are useful in the shop and to use in preparation for the next certification exam. ABYC will send out "special offers" once or twice a year on these Study Guides – so keep your eyes open and take advantage of these offers!

REMINDER

At the time of registration for any ABYC Certification, students will be sent a Study Guide, which should be reviewed and studied thoroughly, along with the relevant ABYC Standards called out within the guide. Students are required to bring the Study Guide with them to the class. Please also bring a #2 pencil, a pen and a notebook to class. You may also want to bring your ABYC Standards manual, but it is not mandatory as all relevant ABYC Standards are in the Study Guide.

NEW!



WESTLAWN

CONTINUING EDUCATION COURSES

The following Westlawn continuing education courses are all distance learning, and may be started at any time during the year from the convenience of your home or office. Visit www.westlawn.edu for full course descriptions, prerequisites and to download the enrollment forms, as well as information on Westlawn's four-year Yacht & Boat Design Program.

Internet access and email are required to complete Westlawn coursework.

FOR ADDITIONAL INFORMATION VISIT WWW.WESTLAWN.EDU

DESIGN

Elements – Elements of Technical Boat Design (formerly called *Yacht Design Lite (YDL)*)

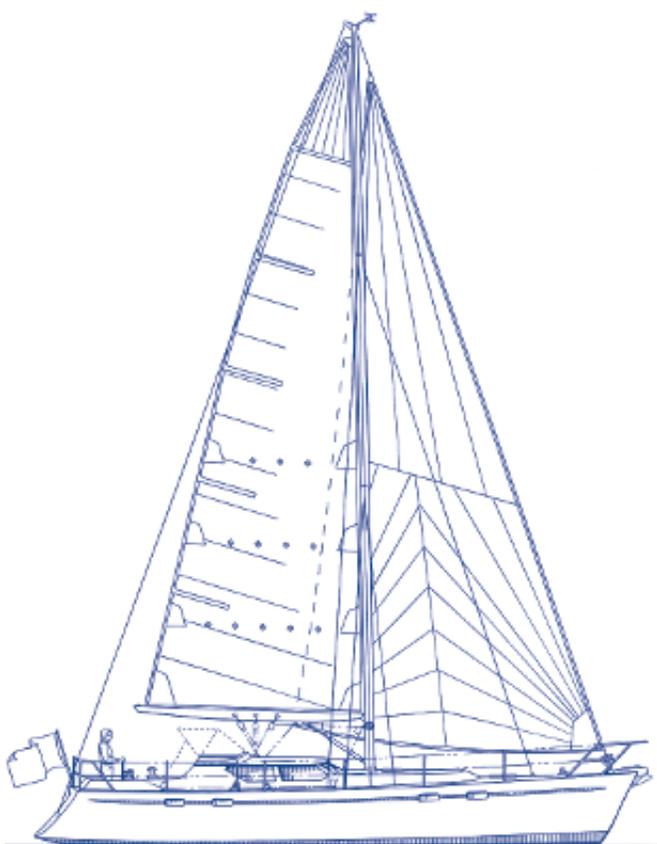
Elements of Technical Boat Design is a comprehensive introduction to the concepts in yacht and boat design for marine professionals. This modified curriculum was developed to provide a working knowledge of design principles, hull dynamics and manufacturing technologies. It is for those who need to understand the basics of boat design, but who do not intend to become professional designers.

Elements will enhance the careers and abilities of marine industry managers, corporate executives, boatbuilders, marine surveyors, industrial and interior designers, project managers and others for whom the concentrated "cross-training" will lead to improved job performance, promotion opportunities or an expanded knowledge of job-related disciplines. It is an 8-lesson course, which can be completed in about 280 hours of study, or 12 months.

Note: Graduates of Elements may transfer into the full Westlawn Yacht & Boat Design Program for professional designers with no repeat of course material, no extra time, and no added cost.

Tuition: \$2,575 U.S., \$2,800 international. 28 CEUs.

*Monthly payment plans are available for Elements with interest as low as zero percent. See the Elements enrollment form at www.westlawn.edu for details.



CORROSION

TT500 - Metal Corrosion in Boats

This course provides the student with a comprehensive review of the causes of metal corrosion in boats. It also teaches current practices in corrosion prevention, reduction and cure. Topics include: galvanic corrosion, electrolytic corrosion, wastage, pitting, velocity effects and cathodic protection. The cause and mitigation of corrosion of stainless steel, copper and nickel-based alloy, aluminum, iron and steel are also studied. This is a 12 lesson course that can be completed in 6 months or about 35 hours of study.

Tuition: \$425 U.S., \$470 international. 3.5 CEUs

Recommended ABYC Course:

This course is an ideal introduction to ABYC's Marine Corrosion Certification course.

I could have saved the Gov. money if I'd only had TT 500 [Metal Corrosion in Boats] years ago!

- Roger Mays
*Small Boat Manager/Captain,
National Oceanic and Atmospheric
Administration (NOAA)*

June 2009

ENGINES

TT501 – Advanced Fuel Systems for Boats

This course provides instruction in safe, reliable and practical fuel systems for both diesel- and gasoline engine-boats. Topics include applicable standards, fuel-system piping and filter requirements, fuel-piping manifolds, anti-siphoning protection, access and fastening requirements, diesel-specific fuel piping considerations and day-tank piping, fuel-transfer pumps, return-oil coolers, fuel-line valves, calculating fuel consumption, fuel hoses, hose clamps and piping, tank fastening, considerations in tank location, protection against corrosion, restrictions and recommendations for location of opening in fuel tanks and much more. This is a 5 lesson course that can be completed in 6 months or about 35 hours of study.

Tuition: \$425 U.S., \$470 international. 3.5 CEUs

Recommended ABYC Course:

The ABYC Diesel Engine & Support Systems Certification and Gasoline Engine & Support Systems Certification are good prerequisites to this course.

FIBERGLASS

BC401 – Fiberglass Boatbuilding Materials & Methods

This course is for boatbuilders, surveyors, designers, investigators, production managers, etc., and provides a thorough introduction to the fundamental concepts of sound fiberglass boat construction practices and structural calculations. It focuses on current information on fiberglass and related boatbuilding materials and the best techniques for using them. Topics covered include: reinforcement fibers, resin systems, core materials, mold constructions, boatbuilding methods, elements of strength of materials, laminate design, assembly of components and design examples. This is an 11 lesson course that can be completed in 6 months or about 45 hours of study.

Tuition: \$425 U.S., \$470 international. 4.5 CEUs

ABYC Companion Course:

Westlawn's BC401, *Fiberglass Boatbuilding* covers good design and building practice and design calculations. ABYC's Composite Boat Builder Certification (CBBC) focuses primarily on hands-on assembly and construction. You can start with either course as they both complement each other nicely.

Recommended Westlawn Course:

If you would like to further your knowledge in this area via distance learning education, we also recommend BC402, Westlawn's *Fiberglass Boatbuilding Production Methods*, as a follow-up to BC401.

BC402 – Fiberglass Boatbuilding Production Methods

This course is for boatbuilders, designers, production managers, boat-company owners and executives and shop-floor employees who are looking to move up. It provides training in the concepts important for cost-effective and reliable techniques of building fiberglass boats for mass production. The methods employed in series production differ from those used in one-off building. This course examines assembly-line techniques used by boat manufacturers to build a series of boats quickly and efficiently. Topics include: mass production concepts, modular construction, balanced work stations, construction documentation, component storage, transportation and distribution of product, jiggging, installation of deck and cabin liners, stringers, bulkheads, common installation problems and how to avoid them, as well as computer aided manufacturing. This is a 6-lesson course that can be completed in 6 months or about 25 hours of study.

Tuition: \$295 U.S., \$335 international. 2.5 CEUs

ABYC Companion Course:

ABYC's Composite Boat Builder Certification (CBBC) complements this course nicely.

Recommended Westlawn Course:

As an introductory course, Westlawn's BC401, *Fiberglass Boatbuilding Materials & Methods* is also recommended.

INTERIOR DESIGN

ID201C – Interior Design

Take advantage of the only course on this subject in the world!

Crew safety and comfort are critical factors in effective boat design. This unique course covers the considerations required for attractive, ergonomically-sound and practical passenger and crew accommodations. It is ideal for both interior designers, naval architects and marine engineers who need to gain increased understanding of accommodation design. It is also intended for marine design professionals seeking to complement existing skills, and for new students planning a specialized career in marine interior design. Central to this course is a complete, specialized textbook written by the noted designer Lisa Hix. This is a design-thesis challenge course which can be completed in 6 months or about 150 hours of study. **Strong CAD or manual drafting skills are required.**

Tuition: \$645 U.S., \$710 international. 15 CEUs

All Westlawn courses may be started at any time during the year.



An Employer's Comments on Westlawn Training

"It was a wonderful day for me personally to be able to present a second diploma to a Westlawn graduate since taking over the Hargrave company. I want to thank Westlawn for making all this possible not only for Greg Boyko, but for the entire Hargrave family. We take great pride in our company's long history with Westlawn, and the list of honored recipients to receive a Westlawn diploma who not only played an important role in our company, but in the yachting industry overall is impressive indeed. Keep up the great work!"

- Michael Joyce – July 2007
CEO Hargrave Custom Yachts

An Employee's Comments on Westlawn Training

"Since I have added Yacht Design Lite [now *Elements of Technical Boat Design*] to my resume I have had several job offers from different companies and even a promotion with the company I am employed with now. If anyone is wondering if it would be beneficial to complete the program, I would say YES."

- Charles Bursk – November 2005
Tiara Yachts, Holland Michigan

NEW – From Westlawn

In a first-time release to industry and the general public, Westlawn announced that the textbook *Interior Design Methods for Yacht Design and the Boat Building Industry*, by Lisa C. Hix, is now available for purchase. According to Westlawn Director, Dave Gerr, "this unique book is the only reference of its kind in the world, covering all aspects of boat interior design and human-factors engineering (ergonomics). It is the closest thing there is to an *Architectural Graphic Standards* for boat interior design." This book can be purchased at the ABYC online Ship's Store or by calling the Westlawn office directly. ABYC member price is \$74.95 plus shipping and for non-members is \$89.95 plus shipping.

Special Offer: If you purchase this book between now and December 31, 2009, you can get \$100 off the Westlawn Interior Design course!



ABYC CLASS CALENDAR 2009-2010

August

4-6	SC400	NMTA - ABYC Standards Cert.	Seattle, WA
18-20	EL200	Basic Marine Electric	Annapolis, MD
25-28	MS400	Port Supply - Marine Systems Cert.	Rock Hall, MD

September

8-10	SC400	ABYC Standards Certification	Annapolis, MD
8-11	MC400	MMTA - Marine Corrosion Cert.	Thomaston, ME
15-18	MS400	Marine Systems Certification	Seattle, WA
22-25	MC400	Marine Corrosion Certification	Jacksonville, FL

October

6-9	EL400	Electrical Certification	Philadelphia, PA
20-23	MC400	NMTA - Marine Corrosion Cert.	Seattle, WA
20-23	DE400	Diesel Engine Certification	Ft. Lauderdale, FL

November

3-5	GE400	MMTA - Gasoline Engine Cert.	Thomaston, ME
3-6	MC400	Marine Corrosion Certification	Ft. Lauderdale, FL
3-6	MS400	Marine Systems Certification	Nashville, TN
10-12	SC400	ABYC Standards Certification	Mystic, CT
10-13	DE400	Diesel Engine Certification	Annapolis, MD
17-19	EL200	Basic Marine Electric	Mystic, CT
17-20	EL400	Electrical Certification	Annapolis, MD
17-20	MC400	Marine Corrosion Certification	Portland, OR

December

1-3	SC400	ABYC Standards Certification	Ontario, Canada
1-4	MS400	MMTA - Marine Systems Cert.	Thomaston, ME
1-4	EL400	Electrical Certification	Ft. Lauderdale, FL
8-10	EL200	Basic Marine Electric	Cheboygan, MI
8-11	MC400	Marine Corrosion Certification	Mystic, CT
15-18	MS400	NMTA - Marine Systems Cert.	Seattle, WA
15-17	AC400	A/C & Refrigeration Cert.	Ft. Lauderdale, FL
18	EP200	EPA A/C Coolant	Ft. Lauderdale, FL

January

6-8	EL200	Basic Marine Electric	Tampa, FL
12-15	DE400	Diesel Engine Certification	Annapolis, MD
12-14	AC400	A/C & Refrigeration Certification	Miami, FL

15	EP200	EPA A/C Coolant	Miami, FL
19-22	SC400	ABYC Standards Certification	Somerset, KY
26-28	EL200	NMTA - Basic Marine Electric	Seattle, WA

February

2-5	EL400	NMTA - Electrical Certification	Seattle, WA
2-5	DE400	Diesel Engine Certification	Oakland, CA
9-12	MC400	Marine Corrosion Certification	Mystic, CT
16-19	EL400	Electrical Certification	Annapolis, MD
23-26	MS400	Marine Systems Certification	Astoria, OR
23-26	EL400	Electrical Certification	Miami, FL

March

9-12	SC400	ABYC Standards Certification	Philadelphia, PA
16-19	DE400	Diesel Engine Certification	Norfolk, VA
16-19	MC400	Marine Corrosion Certification	Jacksonville, FL
23-26	MS400	Marine Systems Certification	Miami, FL

April

6-8	SC400	ABYC Standards Certification	King's Point, NY
20-23	GE400	Gasoline Engine Certification	Portland, OR

Registration Suggestions

- Whether it is an ABYC course or a Westlawn course, read the course descriptions thoroughly. Complete course information, to include cancellation policies can be found at www.abycinc.org or www.westlawn.edu.
- To register for an ABYC course, go to www.abycinc.org and fill out our online registration form.
- To register for a Westlawn course, you can download the appropriate forms at www.westlawn.edu, and return the forms to the Westlawn office.
- Visit the web sites frequently for updated class calendars, course description updates, pricing, new course and location announcements, etc.
- For ABYC courses, book your hotel and airfare early to get the best possible rates.

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