Certification & Training Workshops

Pre-registration is required for the workshops below. Registration will be on a first come, first served basis with a limited number of participants.

---Sunday, July 29, 2018---

Clay Target Shooting Program
8:30am - 5:00pm
Location: Spirit of the Wind Gun Range
Workshop Fee: $10.00
Presenter: Morgan Harbison, TPWD

The Texas Parks and Wildlife Department has a youth shooting development program for agriculture students on clay target shooting, including Trap and Sporting Clays. This session will show how to become involved, how to recruit students, how to get range time and other course opportunities. Targets, ammo and clays will be provided, but teachers must bring their own shotgun. Please make sure that all guns are kept unloaded and in cases while in transport, inside the hotel and on the range until directed by instructors.
Gun Range address: 540 W US Highway 70, Plainview, 79072

---Monday, July 30, 2018---

Angler Education Program
1:00pm - 5:00pm
Location: Lubbock Memorial Civic Center 107
Workshop Fee: $10.00
Presenter: Keira Quam, TPWD

The Angler Ed program goal is to increase participation in recreational fishing in Texas. The goal of this workshop is to train participants to put on educational classes and events about fishing in their classrooms or local communities. At this free, fun, hands-on instructor training workshop, participants will learn how to teach fishing basics to youth and adults and how to partner with the Texas Parks and Wildlife Department (TPWD). The TPWD angler education program provides free curriculum, equipment, materials and support to help someone successfully introduce youth and their families to fishing and it is ideal for teachers, youth group leaders, afterschool or camp staff, parks and recreation staff, and community volunteers. Participants should wear comfortable clothing for activities and bring a water bottle in case we step outside for some of the activities.

Aquaponics: STEM and AG
8:30am – 12:30pm
Location: Lubbock Memorial Civic Center 108/109
Workshop Fee: $100.00 includes take away materials and box lunch
Presenter: Gay Bingham, Seagoville

Aquaponics can and should be an integral part of any agriculture science classroom. Your ag mechanic students can build what is needed, your small animal and wildlife leaning classes can maintain the aquatic animals. Your horticulture classes can learn about and maintain the plants. All classes will be able to refresh
Aquaponics: STEM and AG
1:00pm - 5:00pm
Location: Lubbock Memorial Civic Center 110
Workshop Fee: $90.00 includes take away material
Presenter: Gay Bingham, Seagoville

Aquaponics can and should be an integral part of any agriculture science classroom. Your ag mechanic students can build what is needed, your small animal and wildlife leaning classes can maintain the aquatic animals. Your horticulture classes can learn about and maintain the plants. All classes will be able to refresh on biology, chemistry, physics and math.

Basic Archery Instructor Certification Course
8:30am - 5:00pm
Location: Lubbock Memorial Civic Center Moe Tuner Banquet Hall, East
Workshop Fee: $15.00 box lunch included
Presenter: Burnie Kessner, TPWD

The Archery in the Schools program through Texas Parks and Wildlife Department promotes student education and participation in the shooting sports. The program’s focus is to provide international-style target archery training in 4th through 12th grade. The Texas-National Archery in the Schools Program (TASP) is the state affiliate of the National Archery in the Schools Program (NASP) adopted by Texas Parks and Wildlife Department. Participating teachers need to attend an eight-hour NASP Basic Archery Instructor (BAI) training course to become a certified archery instructor. After staff has been certified in NASP, they may order NASP equipment and start teaching students. For more information, visit www.tpwd.texas.gov/NASP

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Gear Up for Ag Health and Safety
8:30am – 12:30pm
Location: Lubbock Memorial Civic Center 102
Workshop Fee: $10.00 box lunch included
Presenter: Amanda Wickman, Southwest Center for Ag Health and Safety and Carolyn Sheridan, Ag Health & Safety Alliance

Gear Up for Ag Health and Safety™ is a customized training directly related to the audience’s exposures. The

Updated 4-25-2018
proper use of personal protective equipment (PPE) and injury/illness prevention techniques will be emphasized through a fun, interactive approach. The complete program is 3 hours long. Teachers will be able to immediately employ the information and techniques they learn in the workshop to improve students’ health and safety.

**Hunter and Boater Education Combined Instructor Workshop**
8:00am - 5:00pm
8:00am – Noon On-site; 1:00pm - 5:00pm Off-site
Workshop Fee: $20.00
Presenter: Randy Spradlin, TPWD
On-site Location: Lubbock Memorial Civic Center 107; Off-site Fellowship Church*

TPWD presents this combined instructor course to certify teachers as Hunter and Boater Education instructors. At the workshop you will be required to verify that you have completed the Introduction and Chapters 1-4 of the HED instructor manual on-line. [http://tpwd.texas.gov/publications/pwdpubs/media/pwd_bk_k0700_0049a.pdf](http://tpwd.texas.gov/publications/pwdpubs/media/pwd_bk_k0700_0049a.pdf)

Teachers must currently hold a Texas HED STUDENT Certificate. Four hours of the workshop will be at the Lubbock Memorial Civic Center and the afternoon hours will be off-site. The workshop will involve live demonstrations and field activities. Once enrolled, all hours must be completed for certification during the 2018 VATAT Professional Development Conference.

HED and BED are mandatory for all high school aged students who wish to hunt or operate a boat on Texas public waterways. HED and BED student courses offer a complete package of instruction and may be taught by ag science teachers as part of the Wildlife Management and Recreation Curriculum. Once you have completed this INSTRUCTOR course and the rest of the application process (HED/BED student course, application, release/waiver, agreement and game warden interview), you may offer HED and BED student courses to the public.

**Participants MUST register with TPWD to attend:** [https://tpwd.elementlms.com/course/hunter-education-instructor-course-23/](https://tpwd.elementlms.com/course/hunter-education-instructor-course-23/)

*Off-site location: Fellowship Church, 9417 4th Street, Lubbock. It is 1 mile west of FM 179.*

**Learning to use AutoDesk Inventor a Beginner’s Approach**
8:30am - 5:00pm
Location: Byron Martin Advanced Technology Center
Workshop Fee: $10.00
Presenter: Jay Newton

Learn to start projects, design frames, build assemblies, and set up prints. Information on downloading Inventor will be sent out before workshop to help with the download process. Attendees should have a laptop with Inventor loaded when they arrive.

Off site location: 3201 Ave Q Lubbock 79411

**Integrating Hydroponics and Aquaponics into the Classroom**
8:30am – 2:30pm
Location: Lubbock Memorial Civic Center 106
Workshop Fee: $60.00 box lunch included
Presenter: Adam Cohen, Green Phoenix Farms
A practical, hand-on workshop that would teach how to build a simple hydroponic system, and a small-scale aquaponic system. Participants would receive manuals for the DIY construction of each system, and access to the beta-release of an online Hydroponic/Aquaponic curriculum program.

**Level 2 Student Floral Certification Training for Teachers***
1:00pm - 5:00pm  
**Location:** Off Site (TBD)  
**Workshop Fee:** $145.00  
**Presenter:** Jack Winterrowd, Texas State Florist’s Association

A hands-on training for teachers to help them prepare their students for the Level 2 TSFA Student Certification in 2019. Multiple designs will be created during the workshop.  
*This workshop is for teachers that have a minimum of 3-years of experience in teaching floral design and their own tools. This workshop is NOT for beginners.*

**License to Carry (formerly CHL)**  
8:00am - 5:00pm  
8:00am – Noon On-site; 1:00pm - 5:00pm Off-site  
**Workshop Fee:** $70.00  
**Presenter:** Lt. Kim Dillard, Kevin Dillard, AST, Traci Dillard, AST  
**On-site Location:** Lubbock Memorial Civic Center, Turner Banquet Hall, West  
**Off-site Location:** 41 Lead Farm Shooting Range

This LTC course (formerly known as a CHL course) taught by First Steps 4 Defense, is required to obtain your Texas License to Carry permit. The class includes 4 hours of classroom instruction, a 25-question written test, and a 50-round shooting qualification. Classroom instruction is to teach the laws of when you may and may not carry your handgun, responsibilities regarding safe storage, non-violent resolution and more! Instructor is proficient in teaching women and older students so if in doubt contact the instruction with any questions. More information on what to wear, what to bring and other important information will be sent in an email from the VATAT before the class.  
Kim Dillard’s contact information: kdillardl4d@yahoo.com or 903-227-2386  
Off-site Address: 16203 CR 1735 Lubbock, TX 79424

**Manage SAE’s Animal Entrepreneurship and Placement SAE’s in AET Using SAE Case Studies**  
1:00pm - 5:00pm  
**Location:** Lubbock Memorial Civic Center 104/105  
**Workshop Fee:** $10.00  
**Presenter:** Dr. Roger Hanagriff, The AET

This workshop will allow participants to simulate student records for popular and key areas such as managing beginning inventory values, managing breeding livestock SAEs, managing related offspring, transferring into new SAE projects and retaining replacements back into the herd through using AET's Livestock Managers. This fast-paced workshop will also shift to simulating an agricultural mechanics school-based SAE and the management of a paid and unpaid placement SAE. Participants will receive case study packets and other materials to help provide resources to use in the classroom in working with students in their programs. Come attend this abbreviated SAE symposium and grow your knowledge of best management practices for managing SAEs.

**National Safe Tractor and Machinery Operation Certification Workshop**  
8:30am - 4:00pm

Updated 4-25-2018
The National Safe Tractor and Machinery Operation Program are designed to prepare and certify youth (14-15 years old) to operate tractors and machinery for employment per the 1968 Hazardous Occupations Order for Agriculture. The curriculum and materials will be introduced, as well as testing and reporting procedures. Upon successful workshop completion, each teacher will receive a certificate validating the hours and will be able to implement the program upon returning to school.

**OSHA Outreach Training Updates**
8:30am – 12:30pm  
Location: Lubbock Memorial Civic Center 101  
Workshop Fee: $10.00 box lunch included  
Presenter: Mary Jasek, TEEX Curriculum Coordinator  

Designed for teachers who are authorized trainers for the OSHA Outreach Program and will review the most recent updates in requirements and procedures for both the construction and general industry 10-hour and 30-hour courses.

**Private Pesticide Applicators Re-certification (3 CEU CREDITS):**
8:00am–11:00am  
Location: MCM Elegante Hotel, University Room  
Workshop Fee: $30.00 includes box lunch  
Presenter: Corrie Bowen, County Extension Agent, Linda Hale, Texas Department of Agriculture  

Licensed private applicators are required to recertify every five years by obtaining fifteen (15) continuing education credits, including two (2) credits in laws and regulations and two (2) credits in integrated pest management (IPM), prior to expiration of the license. Licensed commercial and non-commercial applicators are required to recertify every year by obtaining five (5) continuing education credits; with one credit each from two of the following categories: Laws and regulations, integrated pest management or drift minimization. This 3 CEU recertification program will be composed of: a minimum of one (1) CEU hour in Laws and Regulations, and two (2) CEUs hour from either the Integrated Pest Management, drift minimization, or the General category.

**Private Pesticide Applicators Certification Training (NO TEST)**
9:00am–12:00pm  
Location: MCM Elegante Hotel, Cotton Room  
Workshop Fee: $30.00 includes box lunch  
Presenter: Corrie Bowen, County Extension Agent  

Texas A&M AgriLife Extension is scheduled to provide the Private Pesticide Applicators Certification Instruction course. Individuals seeking a Private Applicator License must (1) attend a private applicator training program approved by the TDA, (2) pass the TDA private applicator exam, and (3) purchase a license ($100). Private applicator licenses expire five years from the anniversary date on which the license was issued. Upon recertification, applicators must have obtained 15 hours of continued education credits (CEUs) and submit a renewal fee of $100. This workshop will provide only the required private applicator training. Testing will have to be arranged by the applicant through Texas Department of Agriculture at another day and time. Information on testing locations throughout Texas will be provided during this workshop. To pass the certification exam, you will need to be familiar with the material in the Private Applicator Manual (B-1648) as well as in the Laws
and Regulations Manual (B-5056). Upon registering for this workshop, it is your responsibility to order these two manuals through the Texas A&M AgriLife Extension Service, Agriculture and Environmental Safety Department. The cost of these two manuals is approximately $43.30 (shipping included), and they will be shipped in advance to assist in your exam preparation. To order you manuals, go to https://agrilife.org/aes/files/2017/12/TDA-PA-order-form-revised-12-17.pdf For more information on the process of becoming certified as a Texas Private Pesticide Licensed Applicator, go to http://www.texasagriculture.gov/Portals/0/Publications/PEST/private%20applicator%20convenience%20testing%20flyer.pdf

**Plant Propagation for Ag Teachers**  
8:00am - Noon  
**Location:** Texas Tech Greenhouse  
**Workshop Fee:** $10.00  
**Presenter:** Tim Closs, Naaman Forest

Join fellow ag teachers for a hands-on workshop on the many plant propagation methods available to engage your students in your program. Lean how to utilize plant propagation to increase production in your greenhouse.  
Location address: 3340 Main Street Lubbock, TX 79404 On the corner of Hartford and Main just north of United Spirit Arena.

**Range Evaluation CDE**  
8:30am - 5:00pm  
**Location:** Lubbock Memorial Civic Center 111/112 (meeting room); Off-site  
**Workshop Fee:** $10.00 lunch included  
**Presenter:** Terry Baize, Hamilton and Eric Kale, Hico

This workshop is designed to cover the basic information on how to train a team for the Range Evaluation CDE.

**Wednesday**  
*This workshop will be held on Wednesday, August 1 - Pre-Registration is required.*

**Floral Design 101**  
1:00pm - 4:00pm  
**Location:** Off-site (TBD)  
**Workshop Fee:** $45.00  
**Presenter:** Jack Winterrowd, Texas State Florist’s Association

A workshop designed to help beginning Floral Design teachers plan, structure and organize their classroom teaching techniques. Will include mechanics, tools and materials needed to begin a floral design program, fresh floral product care and handling along with a hands-on basic design.