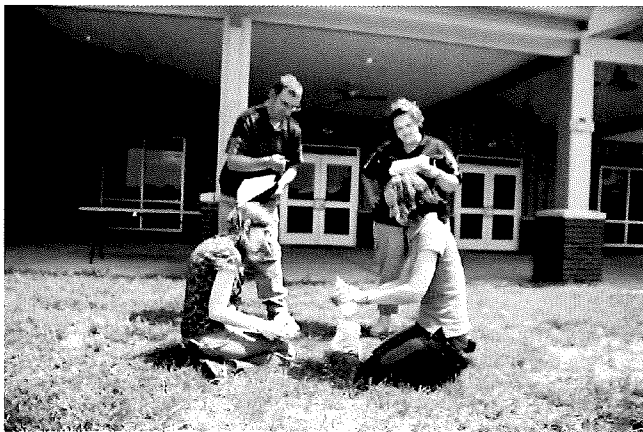


# 2015 TSU CASE Institutes

Nashville, Tennessee

**Agricultural Power and Technology (APT) - Field Test**  
- June 7-18

**Animal and Plant Biotechnology (APB) - June 21-July 2**



**Agricultural Power and Technology (APT)** is a foundation level course that will teach students about the fundamentals of agricultural mechanics. Students will apply technical skill while becoming competent in the process that is used to operate, repair, engineer and design agricultural tools and equipment.

Teachers are provided detailed professional development to facilitate instruction. CASE provides extensive preparation for the teacher to be proficient and confident in their ability to provide proper instruction of mechanical skills and concepts. Every lesson is aligned to national standards for agriculture, science, mathematics, and English language arts. [Click here for an APT brochure.](#)

**Animal and Plant Biotechnology**, a specialization course in the CASE Program of Study, provides students with experiences in industry appropriate applications of biotechnology related to plant and animal agriculture. Students will complete hands-on activities, projects, and problems designed to build content knowledge and technical skills in the field of biotechnology. Students are expected to become proficient at biotechnological skills involving micropipetting, bacterial cultures and transformations, electrophoresis, and polymerase chain reaction.

Students (and teachers via the institute) will develop and conduct a research project following the National FFA Agriscience Fair guidelines. From background research through data collection and analysis, students will investigate a problem of their choice and conclude the project by reporting their results in the forms of a research paper and a research poster.

CASE resources and professional development provide extensive preparation for the teacher to be proficient and confident in their ability to provide proper instruction of biotechnology skills and concepts. [Click here for an ABP brochure.](#)



## Registration

The cost of both institutes (APT & APB) at TSU is **\$2,500** per participant. Late registration is \$2,750 per participant. The price includes the curriculum (hard copy and DVD), cost of instruction and materials, CASE Administration fees, CASE instructor salaries, a shirt, printing, lodging, parking, meals, etc.

Early registration must be paid by **April 1**. HOWEVER, PAYMENT MUST BE MADE NO LATER THAN ONE MONTH

AFTER REGISTRATION AND INVOICING. For instance, if you register on January 10th, you should be invoiced by January 15th. Your payment will be due February 15th. If payment is not received by then, your registration will be voided, and your spot will be opened up.

Purchase orders and checks should be made payable to **Tennessee State University** % Dr. John C. Ricketts immediately after online registration and an **email invoice** from Dr. Ricketts. Submit Purchase Orders via fax at 615-963-5436 % Jazman Bowles or via postal mail at: John C. Ricketts, Tennessee State University, P.O. Box 9543, Nashville, TN 37209.

**Click here to REGISTER for TSU-CASE-APT**

**Click here to REGISTER for TSU-CASE-APB**

### **Institute Location**

Both Institutes will be held each day in the **Agricultural Education STEM Building** pictured here. It is located at 1515 Ed Temple Blvd., Nashville, TN 37209. For folks not taking the shuttle from the hotel, there is ample, free parking.

### **Schedules**

#### **Agricultural Power and Technology (APT) Schedule**

The TSU-APT Institute will begin on Sunday, June 7 and end on June 18. In addition to the required hours of instruction, participants will also have homework each evening to be completed at the hotel. ALL participants MUST be present for the entire CASE Institute - NO EXCEPTIONS.

If you have any questions about the CASE schedule, please contact CASE Affiliate Professor, Dr. John C. Ricketts (pictured below).



#### June 7

Evening registration and the kickoff orientation will be held at the Ag Ed STEM Building at 4pm sharp. Flights should arrive in Nashville (BNA) by 2pm. The shuttle from the hotel to the Ag Ed STEM Building will depart the main lobby area at 3:30pm.

#### June 8-12 (M-F)

Class starts promptly each day at 8am and finishes at 5pm.  
Long-Lunch Schedule (lunch from 11:30pm-1:00pm)

#### June 13-14 (Sat.-Sun.)

Free Time - See The Fun Stuff section below for ideas for exploring Nashville.

#### June 15-18 (M-R)

Class starts promptly each day at 8am and finishes at 5pm.

#### **Animal and Plant Biotechnology (APB) Schedule**

The TSU-APB Institute will begin on June 21 and end on July 2. In addition to the required hours of instruction, participants will also have homework each evening to be completed at the hotel. ALL participants MUST be present for the entire CASE Institute - NO EXCEPTIONS.

### June 21

Evening registration and the kickoff orientation will be held at the **Ag Ed STEM Building** at **4pm** sharp. Flights should arrive in Nashville (BNA) by 2pm. The shuttle from the hotel to the Ag Ed STEM Building will depart the main lobby area at 3:30pm.

### June 22-26 (M-F)

Class starts promptly each day at 8am and finishes at 5pm.

Long-Lunch Schedule (lunch from 11:30am-1:00pm)

### June 27-28 (Sat.-Sun.)

Free Time - See The Fun Stuff section below for ideas for exploring Nashville and surrounding areas.

### June 29-July 2 (M-R)

Class starts promptly each day at 8am and finishes at 5pm.

## **What is CASE like?**

Watch the following video for a sneak peak of a CASE Institute.

## **Lodging**



Participants will be housed at the Holiday Inn Nashville Vanderbilt at 2613 West End Avenue, Nashville, Tennessee 37203.

Participants will share a room unless they choose to pay an additional fee for a room of their own. A private room will cost participants and additional \$1,000 for the 11 night stay.

Participants arriving prior to the first Sunday of the institute or on the Friday of the last week need to contact the hotel on their own for the additional nights of lodging. You can reach the hotel Toll Free at 877-826-8961.

## **Travel Details**

### **Airport**

Nashville International Airport (BNA), host to many airlines and servicing many cities, just finished celebrating its 75 year anniversary. BNA makes you feel like you are in the Country Music Capital of the world upon your arrival with

live music at several venues and gravy and biscuits or BBQ from a TSU favorite, Swett's Restaurant in Concourse C. Side note: BNA proudly supports education by being active in Metro Nashville Public Schools through the PENCIL Partner program and the STEM (Science, Technology, Engineering and Math) program.

Travel to and from the airport

Check back here for more details.

**Parking**

Parking at the Ag Ed STEM Building is free. Parking at the hotel will be covered as part of your registration costs.

**Maps**

Maps of Campus and Surrounding Community

Map of West End and Surrounding Community

Map of Downtown Nashville



**College Credit**

Three hours of credit for the course is available. The course is AGSC 5050 Curriculum for Agricultural Science Education. For those seeking college credit, they will need to complete the following steps quickly.

Step One - Apply online as a "non-degree" seeking student HERE by April 1. You will need to set up a login and PIN number to apply.

Step Two - You will need to contact the institution where you got your undergrad degree and have them send a transcript to TSU. Any questions about this part of the process can be answered HERE.

Step Three - Once you are admitted you will need to register for AGSC 5350.

**The Fun Stuff**

One of the best parts about CASE AFNR in Nashville is all of the opportunities you will have to unwind after the homework is done. The best source of information for this type of planning is <http://www.visitmusiccity.com/> and the Nashville Music City Vacation Guide.

