

AGSC Program Meeting Agenda

April 19, 2016 1:00 p.m., AGLS 255

Agenda

- I. Workgroup Leader Discussion/Determination/Developments Briers
 - a. Murphy nominates Rayfield to be the AGSC workgroup leader. The group approves the nomination. Rayfield accepts the nomination as long as clear direction and expectation are given from the department chair and he has the support of the Associate Head of Undergraduate Programs.
 - b. The group would like to schedule a program meeting in May to continue the transition.

- II. AGSC 489 Mexico Study Abroad Update Cadena/Edney
 - a. Info-piece (similar to syllabus) is attached. After visiting with Dr. Dooley, Edney/Cadena are working on a more refined itinerary.
 - b. 51% of the course must be taught out of U.S. to be considered a Study Abroad
 - c. This Study Abroad will be aligned with AGSC 301.
 - d. May 1 is the deadline to present the course information.

- III. Experiential Learning/Youth Initiative/Social Evaluation Center of Excellence Hanagriff/Briers
 - a. 1B and 3A positions could be combined as a senior faculty position.
 - b. Briers and Hanagriff will continue to work on the document and send to the workgroup for review.

- IV. QUICK Update of 2016A Student Teachers' Progress All
 - a. There are currently no issues with any student teachers.
 - b. Document regarding clarification on AFNR courses addressing the 4x4 graduation requirement is attached from Ron Whitson.

- V. 2016A Final Student Teacher Conference Smith/Briers
 - a. All AGSC workgroup members are invited to the cooperating teacher dinner. Check with your student teachers to make sure they're cooperating teacher has received the invitation.

- VI. Fall 2016 Block Coordination/Student Teacher Supervision Briers
 - a. Let Jamie know if you would like to request a specific site for Fall 2016 supervision.
 - b. Lori Moore has requested Belton for the double student teacher site.
 - c. The workgroup needs to collectively decide on the evaluation and expectations of block assignments.

- VII. AGSC POA Murphy
 - a. What is a POA? And what should be included? To be continued for the next meeting.

- VIII. AGED Academy Month Update Edney
 - a. To be discussed at the next meeting.

- IX. Certificate Programs Offered at IMS Murphy
 - a. To be discussed at the next meeting.

X. AGSC 425 Redesign

Murphy

- a. To be discussed at the next meeting.

Next Meeting: Wednesday, May 11, 2016, 10:00 A.M., AGLS 200

Attendees: Norgaard, Rayfield, Cadena, Murphy, Edney, McCorkle, Briers, Keppler, Hanagriff, Hancock, Moore

Clarifications on AFNR courses that address the 4X4 graduation requirement

An attempt to provide you with a summary of what someone would need to know.

Knowing that your primary interest is in the courses that can be taught by an agriculture teacher I will focus on the requirements to teach these courses, but much of what I am going to say would apply to any of the CTE courses that offer specific graduation credit. AFNR courses that meet specific high school graduation requirements are:

- Advanced Animal Science
- Advanced Plant and Soil Science
- Mathematical Applications in AFNR
- Principles and Elements of Floral Design

There are two courses from the STEM career cluster that can be taught by an agriculture teacher and that meet specific graduation requirements. These are Advanced Biotechnology and Scientific Research and Design.

In dealing with the qualifications for teaching any of these courses there are several considerations related to teacher certification, NCLB highly qualified status and credit for students who successfully complete the course. Each of these are separate and unique issues that I will attempt to explain.

Student Credit for the course: It is important to understand that the course (any one of the courses listed above) meets a specific credit requirement for high school students on any current graduation program (graduation plan), including the new Foundation High School Program. This is not an option that can be changed. If the school teaches the course and the student makes a passing grade then he/she has met a science, math or fine arts credit requirement (depending on the course) unless the individual student had previously met that requirement some other way. For example, there is no such thing as teaching Advanced Animal Science for "CTE credit only". The reference to any one of the courses meeting a specific credit requirement for graduation for high school students in grades 10-12 can be found in 19 TAC, Chapter 74, [Subchapter B](#) (new Foundation High School Program), [Subchapter F](#) and [Subchapter G](#) (older MHSP, RHSP and DAP). The subchapter that applies will depend upon the year and graduation program of each individual student.

Teacher certification: To review the information and requirements concerning teacher certification please see the teacher certification rules found in [19 TAC §231, Subchapter E](#). Division 10 has the rules for AFNR courses and Division 24 has the rules for STEM courses. As you will see there, teachers who hold any valid agriculture certificate as well as those holding certain secondary science or math or fine arts certifications (depending on the course being taught) are eligible to teach any of these courses. A teacher is not required to hold both science (or math or art) and Ag-Science certification in order to teach the course. A currently certified agriculture teacher holds the proper teacher certification for any of the courses I listed above. A teacher can check his/her teaching certificate using the online [Certificate Lookup](#) webpage.

Additional Professional Development: There is a statement in the certification rules for Advanced Animal Science, Advanced Plant and Soil Science, Mathematical Applications in AFNR, and Scientific Research and Design (as well as five other CTE courses) that says "*All teachers assigned to these courses shall participate in Texas Education Agency-approved training prior to teaching these courses effective with the 2013-2014 school year.*" All teachers who teach one of these courses must complete this training, regardless of certification area.

For most teachers there are two courses that must be completed. All teachers teaching one of these courses would be required to complete the course specific PD. For example a teacher teaching Advanced Plant and Soil Science would complete the Advanced Plant and Soil Science Teacher Professional Development course, regardless of certification area (agriculture or science). The course specific CTE PD for all courses is divided into six parts. These courses provide 90 CPE hours (total for all six parts). In addition a teacher who is certified in the core subject (math or science) but is not certified in CTE is also required to complete CTE

101. A teacher certified in CTE (agriculture) but not in science would be required to complete Science Safety for High School if he/she was going to teach one of the courses that meets a science credit requirement.

The approved professional development (PD) referred to in this statement is the online PD that was developed in/for Project Share. TEA's contract with the Project Share provider ended on August 31, 2015. A new learning management system (LMS) has just recently been introduced to replace Project Share. The new LMS is known as [Texas Gateway](#). TEA is in the process of transferring the CTE PD courses from the Project Share LMS to Texas Gateway. This process will take some time. As of this date only Science Safety for High School and CTE 101 have been completed and are open in the new Texas Gateway. I have attached a PDF document that shows the order that the CTE PD will be transferred into Texas Gateway. Do not pay too much attention to the projected release month. We are already working behind on that schedule, but the order should remain the same.

The official documentation can be found in a TEA "To the Administrator Addressed (TAA)" letter from 2012. I have provided you with a [link to this letter](#) so you can reference it.

The additional PD requirement does not apply to Principles and Elements of Floral Design and Scientific Research and Design.

Highly-qualified status: Teachers teaching a course that meets math, science or fine arts graduation credit requirements are currently subject to NCLB highly qualified status. Questions concerning NCLB highly qualified, including HOUSE rules should be directed to NCLB staff at highlyqualified@tea.texas.gov or by phone at (512) 936-9831. Information is also available on the [NCLB Highly Qualified Teachers](#) website.

Detailed information concerning the implementation of NCLB highly qualified teacher requirements related to CTE teachers can be found in the TEA publication linked [here](#). Use the [HQ secondary CTE/Technology Applications determination form](#) as a worksheet. Also see [Guidance for Implementation of NCLB Highly Qualified Teacher Requirements](#) (PDF)

During the 2015-2016 school year teachers teaching a course that meets math, science or fine arts graduation credit requirements must meet both the teacher certification requirements and the NCLB "highly qualified" criteria (or the district would have to report the teacher as not meeting the highly qualified provisions of that law).

The Every Student Succeeds Act (ESSA) is the new federal legislation that will replace No Child Left Behind (NCLB). The ESSA removed the provision that all teachers must meet highly qualified requirements. ESSA will be implemented over the next two years. We have not officially heard how this will impact the HQ requirements for Texas teachers but it is possible that HQ will not be an issue going forward. TEA issued a [TAA](#) on March 8, 2016 that provided some overview of ESSA.

I hope this provides the information you are needing.

Ron Whitson
Statewide CTE Coordinator
Curriculum Division
Texas Education Agency
Phone: 512.463.9581
Fax: 512.463.8057
Ron.Whitson@tea.texas.gov

CTE Career Clusters

Agriculture, Food and Natural Resources
Health Science
Marketing

Government and Public Administration
Law, Public Safety, Corrections and Security
Transportation, Distribution and Logistics

Texas Gateway (formerly Project Share) Release Schedule for CTE Courses

CTE Course Title	Projected Release Month
CTE 101: Introduction to Career and Technical Education in Texas	February
Forensic Science	February
Advanced Animal Science	March
Advanced Plant and Soil Science	March
Advanced Biotechnology	April
Statistics and Risk Management	April
Mathematical Applications in Agriculture, Food, and Natural Resources	April
Engineering Design and Problem Solving	May
Engineering Mathematics	May
Food Science	May

SAE Management —June 6 - 7

This hands-on workshop will provide educational lesson plans and utilize newly developed exploresae.com resources teachers can utilize in the classroom. Also included are SAE resources to flip the SAE discussion to encourage students to take ownership of the experience. This session will also provide SAE grading rubrics, step-by-step guides to assist students in documenting their SAEs and incorporating SAE content into classroom curriculum. Dr. Roger Hanagriff and Dr. John Rayfield will lead this workshop. Enrollment limited to 50, fee \$120.

CASE Food Science Institute—June 12 - 23

Our Department is again hosting the nationally-recognized CASE (Curriculum for Agricultural Science Education) professional development workshops for agriscience teachers this June. The workshops will address Food Science and Safety. This intense, 8 day workshops utilize scientific inquiry for lesson planning and development, and STEM concepts are taught using activity-, project-, and problem-based instructional strategies. Dr. Lori Moore will lead this Institute. Register at <http://tamucase.tamu.edu>

Small Engines Workshop—June 14 - 16

This 2 ½ day workshop, held at AEPM on West Campus, is geared towards AFNR and TDL instructors. The workshop focuses on skills related to the EETC certification exam, and addresses content found in the Practicum courses. Participants will receive professional development CEUs and educational materials, and take home a Briggs & Stratton engine if available. Materials developed for the TEA Educational Excellence project will be shared. Bring your laptop. Dr. Doug Kingman of TAMU and Julian Acevedo of Judson ISD will lead this workshop. Enrollment limited to 18, fee \$150.

Project Planning and Design —June 14 - 15

This workshop will begin at Rudder High School, and will highlight the latest metal-working techniques, including SMAW, GTAW, GMAW, CAD, CNC, and SAE integration. Participants will practice hands-on activities and projects that can be taken back and incorporated into classroom and laboratory lessons. Methods for incorporating STEM concepts will be included. Mr. J P Hancock will lead this workshop. Enrollment limited to first 12, fee \$150.

Hands-On Integration of STEM into Principles of AFNR— June 16 - 17

This workshop, held at IMS Riverside Campus, will give helpful hints for integrating STEM concepts into the Principles of AFNR course. Participants will gain hands-on experience combining STEM concepts with essential knowledge for the course. Examples of classroom and lab activities will be demonstrated, and participants will receive lesson plans and materials to use in their classroom. Helpful tips for using teaching tools to aid student STEM learning will be shared, along with materials developed for the TEA Educational Excellence project. Dr. Kasee Smith will lead this workshop. Enrollment limited to first 50, fee \$75.

Floral Design – June 22 - 23

This two-day workshop, held at IMS Riverside Campus, will begin with the mechanics of wiring and taping, floral supply handling, and tools, followed by basic design projects in the afternoon. More complex designs such as triangle, asymmetrical triangle, round, and linear will be covered on the second day. Afternoon demonstrations will showcase projects that allow students to make several designs with the same flowers, and assorted unique designs that encourage student creativity. Mr. Jack Winterrowd, AST at Cedar Park High School, will lead this workshop. Enrollment limited to 25, fee \$175.

Vet Tech Workshop—June 27-28

This vet tech workshop, held at IMS Riverside Campus, will highlight information about the CVA Training and Certification Program, which, when implemented correctly, allow students the opportunity to become certified veterinary assistants through the Texas Veterinary Medical Association. You won't want to miss tips on how to successfully implement veterinary skills and techniques into the classroom. Don't miss the opportunity to add these unique opportunities in your classroom! Materials recently developed for the TEA Educational Excellence project will also be shared. Dr. Joe Mask will lead this workshop. Enrollment limited to 25; fee \$150.

Mentoring Entry – Level Teachers (June 13 – 17)

Barney McClure can assist,

Parliamentary Procedure – (week of June 27-30?)

Rod Vincent, Doug Ullrich, Dwayne Pavelock, et al.

Food Technology & Safety (TBD) – week of June 27-30

Melissa Loerwald, Dr. Briers' suggestion, et al

Greenhouse Management / Horticulture (TBD) – week of June 27-30

Clayton Vader, Tim Close, Eric John, Clay Wilkerson

Register thru Judgingcard.com. For further information, contact Dr. Kirk Edney and/or individual workshop leaders.