

Introduction

- Historical needs of beginning secondary school agriculture teachers: (Duncan, Ricketts, Peake, & Uessler, 2006; Joerger, 2002; Myers & Dyer, 2004; Rice & Kitchel, 2016; Shulman, 1986)
 - Content knowledge
 - Classroom management
 - Student motivation
 - Curriculum development)
- Additional content not currently taught needed to be addressed in teacher preparation program based upon literature and in-service (advisory) feedback
- Development of an agriculture practicum course
- Course offers real-life experiential learning scaffolded by current in-service teachers

How It Works

- Course based in collaboration with in-service secondary agriculture teachers
- Desired content divided into constructs:
 - Facilities and equipment
 - Recordkeeping
 - CDE preparation
 - Managing livestock programs
 - Educational technology
 - Professional associations
 - Working with administration
 - EdTPA preparation
 - Experiential FFA opportunities
 - School site visits



Pick 10
Students select 10 extra events within Ag Ed to participate in from a list of 20-plus experiential opportunities

AGED 3390 Experiential Learning "Pick 10" Reflection Pick 10 Event #:

Name:

Directions- After participating in a Pick 10 Event complete the following reflection. Be sure to answer questions completely and practice good grammar and writing quality. See scoring rubric for details on development and mechanics scoring. When finished, submit in Georgia View in assigned Drop Box.

Event Summary

Title of Event (guest speaker, event attended, etc.):

Date of Event:

Location:

What occurred at the event? What role did you have in event?

Personal Component

Provide your personal perspective of this event. Like it or not? Your thoughts? Changes you would make?

Total Program

Identify the Total Program component this event related to (can be multiple parts if needed) and explain.

Future Application

What will you take away from this event into your future? Lasting impact? Tip or trick you want to remember?

Pick 10

The extra events are what helps to define an Ag program. The same is planned for this course! We must get out of the walls of the classroom to experience agriculture education. We also understand your schedules may not allow you to attend all the listed events below. From the list of events, you must select a minimum of 10 to participate in this semester. Following each event, you must complete a reflection paper on your experience. Additional details of paper will be discussed in class.

1. August 21- Ms. Cook virtual visit
2. August 24- Ms. Gibbs virtual visit
3. August 21-22 Georgia Young Farm Livestock Show
4. August 26- Ms. Pope and Camp John Hope virtual visit and leadership activities
5. August 31- Ms. Harrison virtual visit
6. September 7- Mr. Anderson virtual visit
7. September 9- Ms. Steinkamp virtual visit
8. September 14- Ms. Golden virtual visit
9. September 17- Teach Ag Day events
10. September 18- Assist South Region Office with FFA Creed Judging
11. September 21- Mr. Beacham visit
12. September 22- Assist South Region Office with FFA Quiz
13. September 23- Assist South Region Office with FFA Quiz Finals
14. September 28- Dr. Claxton visit
15. September 29- Assist South Region Office with FFA Creed Finals
16. October 1- Assist South Region Office with Creed Finals or Employability Skills LDE
17. October 13- FFA Day at the Fair events
18. October 14- Ms. Tomlinson virtual visit
19. October 19- Mr. Johnson virtual visit
20. October 26- Mr. Drew virtual visit
21. October 27- Assist South Region Office with South Region Ag Comm or Employability Skills LDE
22. October 28- Participate in the National FFA Convention online
23. November 2- South Region YF Caucus
24. November 12 and 13- Assist South Region Office with Extemp. Speaking
25. Private pesticide applicators license
26. Pre-approved Ag Education based event by Mrs. McHugh

Additional opportunities will be posted throughout the semester

Results

- Increased:
 - Preservice teacher content knowledge
 - Classroom management when student teaching and during first year of teaching
 - School-based agriculture concepts and teaching examples/labs
- Popular among preservice teachers
- Appreciation for experiential opportunities and relevance to their future careers
- Course feedback evaluations

Question: What did you like most about this course?

School visits were helpful and informational- a great learning experience

Great opportunities

The Pick 10 Events

Pick 10s are great experience. Field trips are fun!

The preparedness I feel as a future educator!

Future Plans

- Course and Pick 10 will remain an experiential learning component in the program
- Research the effectiveness and perceptions of the success in developing professional development that meets a felt need
- Provide greater variety of experiences and diversity
- Create a Tour de Georgia Agriculture Education

Cost/Resources Needed

- Cost of completing low in COVID fall 2020 semester
- Virtual visits via Zoom
- Traditional semester costs include:
 - School activity bus mileage
 - Bus driver
 - Instructor time for scheduling events
 - Numerous student permission slip copies
- Recommendations for creating course:
 - Begin planning early in August
 - Set course calendar
 - Communicate with teachers to secure a visit date on their busy fall calendar
 - Share Pick 10 opportunities with students during first week of class
 - Create a sign-up board for students to commit to events and complete travel permission slips
 - Reserve transportation
 - Communicate with students and send reminders
 - Stress being on time
 - Professional dress at all events
 - Positive representation
 - Networking for their future



References:
Duncan, D. W., Ricketts, J. C., Peake, J. B., & Uessler, J. (2006). Teacher preparation and in-service needs of Georgia agriculture teachers. *Journal of Agricultural Education*, 47(2), 24-35. doi:10.5032/jae.2006.02024

Joerger, R. M. (2002). A comparison of the inservice education needs of two cohorts of beginning Minnesota agricultural education teachers. *Journal of Agricultural Education*, 43(3), 11-24. doi:10.5032/jae.2002.03011

Myers, B. E., & Dyer, J. E. (2004). Agriculture teacher education programs: A synthesis of the literature. *Journal of Agricultural Education*, 45(3), 44-52. doi:10.5032/jae.2004.03044

Rice, A. H., & Kitchel, T. (2016). Influence of knowledge of content and students on beginning agriculture teachers' approaches to teaching content. *Journal of Agricultural Education*, 57(4), 86-100. https://doi.org/10.5032/jae.2016.04086

Shulman, L. (1986). Those who understand: Knowledge growth in teaching. *Educational Researcher*, 15(2), 4-14. doi:10.3102/0013189X015002004

