Department: Agricultural Education

Program Name: Agricultural Education-Professional Development Track

Program Level: Graduate

College: Agriculture, Food, and Environmental Science

Program: M.S.

Submitted by: Tim Buttles

Title: Professor

Contact: timothy.j.butbles@uwrf.edu

Submission Date: March 30, 2017

Program Outcomes

Outcome 1: Review, synthesize and utilize current professional research.

Outcome 2: Contribute to the agricultural education and/or extension education profession through publications or presentations.

Outcome 3: Utilize knowledge and skills in at one or more agricultural discipline to develop educational programming for youth or adults.

Outcome 4: Design program and instructional plans for delivering high quality educational programming for youth or adults from diverse backgrounds.

Outcome 5: Value the role of personal reflection in professional development.

Outcome 6: Facilitate professional collaboration with fellow educators and external partners.
**Department:** Agricultural Education

**Program Name:** Agricultural Education-Initial Certification Track

**Program Level:** Graduate

**College:** Agriculture, Food, and Environmental Science

**Program:** M.S.

**Submitted by:** Tim Buttles

**Title:** Professor

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**Submission Date:** March 30, 2017

**Program Outcomes**

**Outcome 1:** Learner Development. The teacher understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.

**Outcome 2:** Learning Differences. The teacher uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

**Outcome 3:** Learning Environments. The teacher works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.

**Outcome 4:** Content Knowledge. The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.

**Outcome 5:** Application of Content. The teacher understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.
Outcome 6: Assessment. The teacher understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher’s and learner’s decision making.

Outcome 7: Planning for Instruction. The teacher plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

Outcome 8: Instructional Strategies. The teacher understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.

Outcome 9: Professional Learning and Ethical Practice. The teacher engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.

Outcome 10: Leadership and Collaboration. The teacher seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.