**The CASE Model**

The CASE model is an instructional system that provides four major areas of support to promote solid classroom instruction using rigorous and relevant STEM-based lessons while enhancing student learning. The four areas of teacher support include curriculum, professional development, assessment, and certification.

Curriculum includes detailed instructions, assessments, rubrics, and hands-on activities, projects, and problems with each lesson. CASE enhances the level of STEM education in agriculture.

**CASE Certification**

Teachers successfully completed 50-100 hours of intense professional development during a CASE Institute to be certified to teach a CASE course.

**Serving Industry Needs**

According to USDA research, an average of 35,400 new U.S. graduates with expertise in food, agriculture, renewable natural resources, or the environment are expected to fill 61% of the expected 57,900 average annual openings. CASE builds student interest in these disciplines through engaging and hands-on lessons. CASE students are prepared for colleges or careers related to agriculture, food, renewable natural resources, engineering, or the environment to meet the high demand needs of industry.

**CASE is supported by agriculture business and industry partnerships** through course development, as well as scholarships and grants for teachers to attend professional development and equip their classrooms. These supporters are positively impacting the future of science, business, education, and technology of agriculture.
Professional Development

Certification

- 27 CASE Institutes Hosted in 2018
- 1,885 hours of Professional Development
- 61,600 total students impacted
- 1,828 total teachers are CASE certified
- 488 new course certifications in 2018
- 3,080 course certifications in ten years

Promote CASE in Your State

- Initiate college credit for high school students
- Offer hands-on case workshops
- Host a case institute
- Leverage funding & support for case implementation

Affiliate Institutions

- Arkansas Tech University
- Central Lakes College
- Cornell University
- Iowa State University
- Kansas State University
- New Mexico State University
- North Carolina State University
- Oregon State University
- Pennsylvania State University
- Purdue University
- Rutgers University
- South Central College
- Southeast Community College
- Stephen F. Austin State University
- Tennessee State University
- Texas A&M University
- University of Alaska Fairbanks
- University of Arizona
- University of Hawai‘i at Manoa
- University of Kentucky
- University of Maryland
- University of Missouri
- University of Nebraska-Lincoln
- University of Nevada, Reno
- Washington State University
- West Virginia University

For more information, visit www.case4learning.org and follow us on social media, @case4learning.

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