

Certifications in Agricultural Education – 2019-20

63 – OSHA-10

Under the Occupational Safety and Health Administration (OSHA) Act, OSHA's role is to promote safe and healthful working conditions for America's men and women by setting and enforcing standards and providing training, outreach and education. The quality education and training programs are designed to prevent work-related injuries, illnesses and deaths by providing the knowledge and tools that workers and employers need to identify and correct workplace safety and health hazards. [OSHA]

216 – Briggs & Stratton Master Service Technician Certification

Endorsed by Briggs and Stratton, this certification provides students with a solid understanding of four stroke small engines theory, parts, assemblies, engine design, carburetors, ignition systems, lubrication systems, starters, governor system theory, compression systems, troubleshooting, failure analysis, repowering, warranty claims, and customer service.

This certification helps those students who want to work in the small engines industry to place themselves in a better position to become employed.

The certification is offered by Briggs and Stratton and requires a student must pass five tests which contain 70 questions on the following topics: Theory and General Knowledge,

Troubleshooting and Diagnostics, Failure Analysis and Warranty, Repowering, and Products. Teachers will need to be registered user of the Briggs and Stratton Power Portal website to register their students to have accounts.

[POWERPORTAL]

260 – Pesticide Applicators License:

This training prepares students to take the Core and Category 3 (Turf and Ornamentals) Pesticide exams. A pesticide inspector will come proctor the two exams at their classroom. Those exam scores are good for 5 years, so when they turn 18 all they have to do is apply for the license. This is great for those that want to work in the landscape industry and will look good on their resumes. The student fee to take the exam is a good deal too; \$38 instead of \$100. Also, usually the prep training costs \$100 as well but it would be free for them.

[PESTREG]

261 – Veterinary Assistance Certification:

Certification in veterinary assistance is a formal recognition by an organization—such as the American Veterinary Medical Association (AVMA)—that you have achieved the education and skill level held by that organization to be the nationally recognized standard of quality. Kaduceus Hands On Career Training, Inc. offers the exceptional training and education you need in order to be successful as a certified Veterinary Assistant. Kaduceus students receive instruction in animal care and necessary clinical skills.

Certified Veterinary Assistants use a wide variety of animal medical equipment; a great deal of training within our program focuses on the proper use of that equipment in medical practice. [KAD]

A79 – Food Safety and Science Certification

Endorsed by the American Meat Science Association, this certification provides students with an in-depth knowledge of food safety procedures and standards in the food industry. In addition, concepts such as chemical properties and processes, food handling and storage, food borne illnesses and principles of Hazard Analysis and Critical Control Points (HACCP) are covered. The certification is offered by iCEV Multimedia and consists of 18 modules and a 100-question final certification. [ICEV]

A80 – Plant Science Certification

Endorsed by Bayer CropScience, this certification provides students with a solid understanding of plant science, including plant processes, nutrition, genetics and evaluation. In addition, the certification addresses major topics in the plant science industry, including water resources and measurement, crop production, fertilizer and pesticide safety, pests and diseases, and scientific classification. The certification is offered through iCEV Multimedia and consists of 22 modules and a 100-question final certification exam. [ICEV]

A81 – Fundamentals of Animal Science Certification

Endorsed by Elanco, this certification provides students with a solid understanding of animal science, including the history and practices of the livestock industry as well as common terms and terminology and livestock management practices. In addition, the certification addresses major topics in the animal science industry, including genetics, reproduction, nutrition and health management. The certification is offered through iCEV Multimedia and consists of 18 modules and a 100–question final certification exam. [ICEV]

A82 – Principles of Floral Design Certification

Endorsed by Benz School of Floral Design, this certification requires students to display a thorough understanding of the principles, elements, geometry, and basic techniques used in floral design. In addition, students will become associated with the origins and history of floral design as well as be able to identify flowers and floral materials, design and create arrangements and understand the elements used in critiquing and appraising floral designs. The certification is offered through iCEV Multimedia. [ICEV]

A83 – Meat Evaluation Certification

Endorsed by the American Meat Science Association, this certification requires students to define the major factors utilized in carcass grading and evaluation. They are asked to display a thorough understanding of meat carcass quality grading, meat handling and food safety as well as the slaughter and fabrication process. The certification is offered through iCEV Multimedia and consists of 12 modules and a 100–question final certification exam. [ICEV]

A84 – Livestock Selection & Evaluation Certification

Endorsed by the National Collegiate Livestock Coaches Association, this certification requires students to identify and analyze livestock breeds and their external anatomy. They will also be expected to show understanding of selection criteria and major factors considered in livestock evaluation. The certification is offered through iCEV Multimedia. [ICEV]

A85 – Southwest Airlines Professional Communications Certification

This certification focuses on teaching students the communication essentials to thrive in any workplace environment. Verbal and non–verbal communication skills are explored and discussed throughout the certification, and how those skills are utilized for a positive, successful experience in the workplace is analyzed. In addition to communication skills, other career–related concepts such as leadership styles, presentation strategies, conflict management, collaboration and English applications are covered in the certification lessons. The certification is offered by iCEV Multimedia and consists of 15 modules and a 100–question final certification exam. [ICEV]

A86 – Veterinary Medical Applications Certification

Endorsed by Elanco, this certification provides students with a solid understanding of veterinary science and veterinary medical applications. In addition, the certification features demonstrations and materials from practicing veterinarians working with both small and large animals. The certification is offered by iCEV Multimedia and consists of 22 modules and a 100–question final certification exam. [ICEV]

A87 – Principles of Small Engine Technology Certification

Endorsed by the Equipment & Engine Training Council, this certification provides students with in–depth knowledge of small engine technology and equips students with the fundamental skills necessary to pursue a career within this industry. Students seeking to earn this certification will have access to video demonstrations from industry professionals and specialists working within the field. The certification is offered by iCEV Multimedia and consists of 11 modules and a 100–question final certification exam. [ICEV]