

2013 PRODUCTION LIVESTOCK

ACADEMIC		
AA		SPEAKING AND LISTENING
AA	1	Utilize effective verbal and non-verbal communication skills
AA	2	Participate in conversation, discussion, and group presentations
AA	3	Communicate and follow directions/procedures
AA	4	Communicate effectively with customers and co-workers
AB		READING AND WRITING
AB	1	Locate and interpret written information
AB	2	Read and interpret workplace documents
AB	3	Identify relevant details, facts, and specifications
AB	4	Record information accurately and completely
AB	5	Demonstrate competence in organizing, writing, and editing using correct vocabulary, spelling, grammar, and punctuation
AB	6	Demonstrate the ability to write clearly and concisely using industry specific terminology
AC		CRITICAL THINKING AND PROBLEM SOLVING
AC	1	Utilize critical-thinking skills to determine best options/outcomes (e.g., analyze reliable/unreliable sources of information, use previous experiences, implement crisis management, develop contingency planning)
AC	2	Utilize innovation and problem-solving skills to arrive at the best solution for current situation
AC	3	Implement effective decision-making skills
AD		MATHEMATICS
AD	1	Perform basic and higher level math operations (e.g., addition, subtraction, multiplication, division, decimals, fractions, units of conversion, averaging, percentage, proportion, ratios)
AD	2	Solve problems using measurement skills (e.g., distance, weight, area, volume)
AD	3	Make reasonable estimates
AD	4	Use tables, graphs, diagrams, and charts to obtain or convey information
AD	5	Use deductive reasoning and problem-solving in mathematics
AE		FINANCIAL LITERACY
AE	1	Locate, evaluate, and apply personal financial information
AE	2	Identify the components of a budget and how one is created
AE	3	Set personal financial goals and develop a plan for achieving them
AE	4	Use financial services effectively
AE	5	Demonstrate ability to meet financial obligations
AF		INTERNET USE AND SECURITY
AF	1	Recognize the potential risks associated with Internet use
AF	2	Identify and apply Internet security practices (e.g., password security, login, logout, log off, lock computer)
AF	3	Practice safe, legal, and responsible use of technology in the workplace
AG		INFORMATION TECHNOLOGY
AG	1	Use technology appropriately to enhance professional presentations
AG	2	Demonstrate effective and appropriate use of social media
AG	3	Identify ways social media can be used as marketing, advertising, and data gathering tools
AH		TELECOMMUNICATIONS
AH	1	Select and use appropriate devices, services, and applications to complete workplace tasks
AH	2	Demonstrate appropriate etiquette when using e-communications (e.g., cell phone, e-mail, personal digital assistants, online meetings, conference calls)
EMPLOYABILITY		
EA		POSITIVE WORK ETHIC

EA	1	Demonstrate enthusiasm and confidence about work and learning new tasks
EA	2	Demonstrate consistent and punctual attendance
EA	3	Demonstrate initiative in assuming tasks
EA	4	Exhibit dependability in the workplace
EA	5	Take and provide direction in the workplace
EA	6	Accept responsibility for personal decisions and actions
EB		INTEGRITY
EB	1	Abide by workplace policies and procedures
EB	2	Demonstrate honesty and reliability
EB	3	Demonstrate ethical characteristics and behaviors
EB	4	Maintain confidentiality and integrity of sensitive company information
EB	5	Demonstrate loyalty to the company
EC		SELF-REPRESENTATION
EC	1	Demonstrate appropriate dress and hygiene in the workplace
EC	2	Use language and manners suitable for the workplace
EC	3	Demonstrate polite and respectful behavior toward others
EC	4	Demonstrate personal accountability in the workplace
EC	5	Demonstrate pride in work
ED		TIME, TASK, AND RESOURCE MANAGEMENT
ED	1	Plan and follow a work schedule
ED	2	Work with minimal supervision
ED	3	Work within budgetary constraints
ED	4	Demonstrate ability to stay on task to produce high quality deliverables on time
EE		DIVERSITY AWARENESS
EE	1	Recognize diversity, discrimination, harassment, and equity
EE	2	Work well with all customers and co-workers
EE	3	Explain the benefits of diversity within the workplace
EE	4	Explain the importance of respect for feelings, values, and beliefs of others
EE	5	Identify strategies to bridge cultural/generational differences and use differing perspectives to increase overall quality of work
EE	6	Illustrate techniques for eliminating gender bias and stereotyping in the workplace
EE	7	Identify ways tasks can be structured to accommodate the diverse needs of workers
EE	8	Recognize the challenges and advantages of a global workforce
EF		TEAMWORK
EF	1	Recognize the characteristics of a team environment and conventional workplace
EF	2	Contribute to the success of the team
EF	3	Demonstrate effective team skills and evaluate their importance in the workplace (e.g., setting goals, listening, following directions, questioning, dividing work)
EG		CREATIVITY AND RESOURCEFULNESS
EG	1	Contribute new ideas
EG	2	Stimulate ideas by posing questions
EG	3	Value varying ideas and opinions
EG	4	Locate and verify information
EH		CONFLICT RESOLUTION
EH	1	Identify conflict resolution skills to enhance productivity and improve workplace relationships
EH	2	Implement conflict resolution strategies and problem-solving skills
EH	3	Explain the use of documentation and it's role as a component of conflict resolution

EI		CUSTOMER/CLIENT SERVICE
EI	1	Recognize the importance of and demonstrate how to properly acknowledge customers/clients
EI	2	Identify and address needs of customers/clients
EI	3	Provide helpful, courteous, and knowledgeable service
EI	4	Identify appropriate channels of communication with customers/clients (e.g., phone call, face-to-face, e-mail, website)
EI	5	Identify techniques to seek and use customer/client feedback to improve company services
EI	6	Recognize the relationship between customer/client satisfaction and company success
EJ		ORGANIZATIONS, SYSTEMS, AND CLIMATES
EJ	1	Define profit and evaluates the cost of conducting business
EJ	2	Identify "big picture" issues in conducting business
EJ	3	Identify role in fulfilling the mission of the workplace
EJ	4	Identify the rights of workers (e.g., adult and child labor laws and other equal employment opportunity laws)
EJ	5	Recognize the chain of command, organizational flow chart system, and hierarchy of management within an organization
EK		JOB ACQUISITION AND ADVANCEMENT
EK	1	Recognize the importance of maintaining a job and pursuing a career
EK	2	Define jobs associated with a specific career path or profession
EK	3	Identify and seek various job opportunities (e.g., volunteerism, internships, co-op, part-time/full-time employment)
EK	4	Prepare a resume, letter of application, and job application
EK	5	Prepare for a job interview (e.g., research company, highlight personal strengths, prepare questions, set-up a mock interview, dress appropriately)
EK	6	Participate in a job interview
EK	7	Explain the proper procedure for leaving a job
EL		LIFELONG LEARNING
EL	1	Acquire current and emerging industry-related information
EL	2	Demonstrate commitment to learning as a life-long process and recognize learning opportunities
EL	3	Seek and capitalize on self-improvement opportunities
EL	4	Discuss the importance of flexible career planning and career self-management
EL	5	Employ leadership skills to achieve workplace objectives (e.g., personal vision, adaptability, change, shared vision)
EL	6	Recognize the importance of job performance evaluation and coaching as it relates to career advancement
EL	7	Accept and provide constructive criticism
EL	8	Describe the impact of the global economy on jobs and careers
EM		JOB SPECIFIC TECHNOLOGIES
EM	1	Identify the value of new technologies and their impact on driving continuous change and the need for life-long learning
EM	2	Research and identify emerging technologies for specific careers
EM	3	Select appropriate technological resources to accomplish work
EN		HEALTH AND SAFETY
EN	1	Assume responsibility for safety of self and others
EN	2	Follow safety guidelines in the workplace
EN	3	Manage personal health and wellness
OCCUPATIONAL		
OA		BASIC ANIMAL SCIENCE CONCEPTS AND SKILLS
OA	1	Understand scientific animal classification

OA	2	Compare the anatomical parts and distinguishing characteristics of animals
OA	3	Understand the reproductive processes of animals
OA	4	Analyze the process of animal growth and development
OA	5	Be aware of biotechnology and its uses in production agriculture
OA	6	Explain the use of applied genetics in animals
OA	7	Apply principles of livestock nutrition
OA	8	Apply principles of health management
OA	9	Utilize appropriate livestock selection techniques
OA	10	Understand principles of reproductive physiology and utilization of appropriate technology (e.g., synchronization, artificial insemination, embryo transfer)
OB		INDUSTRY RESOURCES
OB	1	Apply use of related electronic technology (e.g., e-mail, computer applications, GPS, precision farming, ultrasound, electronic ear tags, computer feeding)
OB	2	Interpret the input of local, state, national, and international economy to production agriculture
OB	3	Maintain awareness of current trends in production agriculture through industry associations, trade journals, and Internet resources
OC		FARM BUSINESS MANAGEMENT PRACTICES
OC	1	Apply effective record keeping skills including financial records
OC	2	Demonstrate knowledge of budgeting and cash flow
OC	3	Understand requirements for and sources of credit
OC	4	Understand procedures related to buying, leasing, renting land and/or equipment
OC	5	Understand issues related to tax records and filing taxes
OD		APPROPRIATE MARKETING AND SALES STRATEGIES
OD	1	Maintain an awareness of world trade issues (e.g., GMO's, drought, trade agreements)
OD	2	Maintain an awareness of strategies relating to futures, forward cash contracts, and storage
OD	3	Maintain an awareness of risk management practices
OD	4	Explore marketing resources (e.g., marketing clubs, extension programs, brokers, consultants)
OD	5	Demonstrate knowledge of specialty agriculture markets
OD	6	Develop and interpret marketing plans
OE		AGRICULTURAL MATHEMATICS SKILLS
OE	1	Utilize basic units of distance, dry, and liquid measurements
OE	2	Calculate break-even prices
OE	3	Calculate proper medicine dosages
OE	4	Formulate and evaluate rations
OE	5	Determine material supplies
OE	6	Calculate area and volume measurements (e.g., acreage, storage, stocking)
OF		MONITOR AND CONTROL HEALTH, DISEASES, AND PESTS
OF	1	Demonstrate effective pest management practices
OF	2	Recognize common animal diseases
OF	3	Apply appropriate prevention techniques and treatments of animal diseases
OF	4	Utilize understanding of animal nutrition in the management and prevention of diseases
OF	5	Utilize understanding of varieties and breeds in the management and prevention of diseases
OF	6	Understand agriculture's relationship and responsibility to guarantee a safe food supply and a healthy environment
OG		APPROPRIATE PRODUCTION TECHNIQUES
OG	1	Utilize appropriate production techniques for livestock (e.g., beef cattle, dairy cattle, swine, horses)
OH		BEST MANAGEMENT SAFETY PRACTICES
OH	1	Follow anti-theft and security procedures

OH	2	Identify immediate and real costs of an accident
OI		GOVERNMENT AND LEGAL ISSUES
OI	1	Demonstrate an understanding of state and federal agricultural legislation (e.g., farm bill)
OI	2	Demonstrate an understanding of agricultural law (e.g., border disputes, incorporation, liability issues, injury claims, attractive nuisance, farming in populated areas)
OI	3	Demonstrate an understanding of the issues related to utilizing immigrant labor
OI	4	Identify related government agencies, their functions and their programs, as they relate to the farm
OJ		INDUSTRY-RELATED TERMINOLOGY AND IDENTIFICATION SYSTEMS
OJ	1	Identify common agronomic plants, grains, feeds, and seeds
OJ	2	Use appropriate agricultural terminology
OJ	3	Identify the anatomical parts of domestic livestock
OJ	4	Demonstrate knowledge of livestock breeds
OJ	5	Demonstrate knowledge of the livestock carcass
OJ	6	Recognize livestock pests
OK		AGRICULTURAL STRUCTURES AND FACILITIES
OK	1	Identify needs of livestock and equipment storage
OK	2	Calculate and analyze cost of storage
OK	3	Demonstrate the ability to safely operate basic agriculture equipment
OL		MANAGEMENT PRACTICES AS RELATES TO AGRICULTURAL ENVIRONMENTAL ISSUES
OL	1	Identify and apply appropriate water conservation practices
OL	2	Utilize livestock to enhance soil and water quality