

Agriculture Specialist Standards and Elements by Course Matrix

	AG ED	AG ED	AG ED	AG ED	AG ED	CI	AG RI	AG RI	EHD	EHD
	50	135	150	187	189	161	280	281	155 A	155 B
STD 1 - PROGRAM DESIGN										
1a Rationale and Delivery of Coursework and Fieldwork										
1b Cohesive Learning Experiences										
1c Organizational Structure										
1d Opportunities to Practice Concepts, Skills, Principles										
STD 2 - CAREER AND TECHNICAL EDUCATION										
2a Philosophical Underpinnings	I	R		R		R	A			
2b Historical Background	I	R		R		R	A			
2c Current and Emerging Trends	I	R		R		R	A		R	A
2d Current and Emerging Research	I	R		R		R	A	A	R	A
STD 3 - PROGRAM MANAGEMENT										
3a Organization and Delivery of Comprehensive Program	I	R	R	R			A		R	A
3b Acquisition of Resources	I	R	A	R	R		A		A	A
3c Integration of Classroom Instruction, SAE, and FFA	I	R		R	R		A		R	A
3d Community-based Programs	I	R		R						A
3e Program Accountability	I	R	R	R	R		A			A
3f Statewide Organizations	I	R		R			A		R	A
STD 4 - COORDINATION OF SAE PROGRAMS										
4a California Record Book		I	R				A		R	A
4b Project Site Visits	I	R		R			A		R	A
4c Identifying and Establishing Projects	I	R		R	R		A		R	A
4d Ethical Principles	I	R		R	R		A		R	A
STD 5 - COORDINATION OF FFA PROGRAMS										
5a Student, Chapter, and Community FFA Activities	I	R	R	R			A		R	A
5b Integrating Leadership Concepts and Activities	I	R	R	R			A		R	A
5c Creating and Maintaining Interpersonal Relationships	I	R		R			A		A	A
STD 6 - AREA OF SPECIALIZATION										
6a Procedures for Identifying Specialization Areas	I	R					A	A	R	A
6b Demonstration of Advanced Knowledge in One Domain		I					A		R	A
STD 7 - TEACHING METHODS IN AG SYSTEMS TECHNOLOGY										
7a Preparation to Teach Agricultural Systems Technology	I	R				A			A	A
7b Lesson Plans and Teaching Materials for Ag Mechanics	I	R	R			A			A	A
7c Application of Current Safety Practices	I	R				A			A	A
7d Knowledge of Tool Nomenclature/Selection/Management	I	R				A			A	A
STD 8 - TEACHING IN NON-TRADITIONAL ENVIRONMENTS										
8a Strategies & Methods for Non-traditional Environments	I	R	R			R	A		A	A
8b Practice Teaching/Management-Non-traditional Envir	I	R	R			R			A	A
8c Non-traditional Environment Teaching Opportunities	I	R				R	A		A	A
STD 9 CAREER PLANNING AND PREPARATION										
9a History, Organization, and Future of Work		I		R					R	A
9b Career Planning and Development	I	R		R					R	A
9c Content Area and Workplace Needs in Ag Occupations		I		R	R				R	A
9d Economic and Socioeconomic Conditions and Patterns		I		R					R	A
9e Lifelong Learning		I		R					A	A

STD 10 - FIELD EXPERIENCES										
10a	Managing/Delivering Programs/Maintaining Support	I			R			A	R	A
10b	Entrepreneurial and Workplace Education	I						A	R	A
10c	Professional Development Activities	I						A	R	A
10d	Serving as an FFA Advisor	I	R					A	R	A
10e	Experience in Non-traditional Learning Environments	I		R		R		A	R	A
STD 11 - OCCUPATIONAL EXPERIENCE										
11a	Completion of Occupational Experience									
11b	Experiencing Employer/Employee Interactions							A	R	A
11c	Integrating Employment Skills/Concepts into Class	I	R				R	A	R	A
STD 12 - ASSESSMENT OF CANDIDATE COMPETENCE										
12a	Philosophy, History, Issues, and Current Research							X	X	X
12b	Managing Agricultural Education Programs				X					X
12c	Supervised Agricultural Experience Programs		X		X					X
12d	Future Farmers of America Programs		X		X					X
12e	Specialization in One Program Domain									X
12f	Teaching Agricultural Systems Technology					X			X	X
12g	Non-traditional Learning Environments			X					X	X
12h	Advising Students for Careers									X