

# AGRICULTURE, FOOD, AND NATURAL RESOURCES CAREER CLUSTER

## Preparations that can add this Endorsement:

Preparation	Pedagogy		CTE Methods		Test		Coursework
Early Childhood Preparation	X	AND	X	AND	X	OR	X
Elementary Preparation	X	AND	X	AND	X	OR	X
Secondary Preparation			X	AND	X	OR	X
CTE Preparation					X	OR	X
K-12 Preparation			X	AND	X	OR	X
Early Childhood SPED Preparation	X	AND	X	AND	X	OR	X
K-12 SPED Preparation			X	AND	X	OR	X

## State-Designated Pedagogy Requirements:

Test #	Test Name	Cut Score	Effective Date
5624	Principals of Learning and Teaching (7-12 PLT)	157	07/01/2012
<b>Waiver of Pedagogy Test</b>			<b>7-12 PLT</b>
The PLT test may be waived if verification of two or more years of state-certified teaching experience in the grade span of the endorsement is documented.			Experience in a 5-12 grade span

## State-Designated Test Requirements:

Test #	Test Name	Cut Score	Effective Date
5701	PRAXIS Agriculture	147	09/01/2014

## Coursework Requirements:

<b>15 Semester hours of coursework</b>
<ul style="list-style-type: none"> <li>• 2 or more credits in each of the following:               <ul style="list-style-type: none"> <li>○ Power, structural, and technical systems</li> <li>○ Plant systems</li> <li>○ Animal systems</li> <li>○ Agribusiness systems</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• 1 or more credits in each of the following:               <ul style="list-style-type: none"> <li>○ Natural resources/environmental services systems</li> <li>○ Food products and processing systems</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• The remaining 5 credits may include any of the previous areas.</li> </ul>

## Assignment Codes:

Code	Assignment Description
02993	Mathematics – Test Preparation
10004	Workplace Technology Skills
18000	MS Agriculture, Food, and Natural Resources
18001	Intro to Ag, Food, and Natural Resources
18051	Fundamental Plant Science
18052	Fundamental Horticulture
18053	Horticulture Operations
18057	Advanced Plant Science
18101	Fundamental Animal Science
18102	Companion Animals
18107	Advanced Animal Science
18201	Agribusiness Sales and Marketing
18202	Agribusiness Management

18203	Ag Leadership and Communication
18248	Independent Supervised Agricultural Experience (SAE)
18302	Ag Processing Technology
18305	Food Science
18308	Agriculture Biotechnology
18401	Fundamental Ag Mechanical Technologies
18402	Ag Systems Technology
18403	Fundamental Ag Structures Technology
18404	Ag Metal Fabrications Technology
18407	Advanced Ag Structures Technology
18501	Wildlife and Fisheries
18502	Advanced Natural Resources
18504	Natural Resources
18508	Issues in Environmental Science
21014	Bioprocess Engineering
22001	Standardized Test Preparation
22004	Dropout Prevention
22051	Office Aide (By Students)
22054	Tutoring (By Students)
22101	Leadership and Service
22104	Service Learning
22106	Freshman Seminar
22110	AP Seminar
22151	Career Exploration
22152	Employability
22250	Exploratory
22990	JAG – Middle School
22991	JAG – High School
25013	Life Management
80018	Youth Internships
80019	Senior Experience
80026	Entrepreneurship Experience
80020	Youth Apprenticeship
80033	E-Mentor (certified staff)