|  |  |
| --- | --- |
| Student Name:  Student ID:   Program:  Credential: | **OSS Only**  Credential Analyst:  Date Reviewed: |

**Agriculture**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CSET Subtest Number** | **Domain** | **Description** | | | | | | | |
| **I** | **1. Plant and Soil Science** | Candidates demonstrate a broad understanding of principles of plant and soil science. Candidates apply this knowledge to plan and implement programs. Candidates are able to demonstrate an understanding of a range of topics in plant and soil science, including soil science; plant nutrition and soil treatments; plant classification, anatomy, and physiology; plant genetics, reproduction, and propagation; crop production practices; and emerging technologies in plant and soil science. | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | **Institutions(s)** | | | **Catalog Link(s)** | **Final Grade(s)** | | **Meets Domain (OSS only)** |
|  |  | |  | | |  |  | | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **I** | **2. Ornamental Horticulture** | Candidates demonstrate a broad understanding of principles of ornamental horticulture. Candidates apply this knowledge to plan and implement programs. Candidates are able to demonstrate an understanding of a range of topics in ornamental horticulture, including greenhouse and nursery management, landscape design and management, and floriculture and floral design. | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | **Institutions(s)** | | **Catalog Link(s)** | | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | |  | |  | | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **II** | **3. Animal Science** | Candidates demonstrate a broad understanding of principles of animal science. Candidates apply this knowledge to plan and implement programs. Candidates are to be able to demonstrate an understanding of a range of topics in animal science, including anatomy and physiology of livestock, animal production practices, animal nutrition, animal genetics and reproduction, and animal facilities management. | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | | **Institutions(s)** | | **Catalog Link(s)** | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | | |  | |  | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **II** | **4. Environmental Science and Natural Resource Management** | Candidates demonstrate a broad understanding of principles of environmental science and natural resource management. Candidates apply this knowledge to plan and implement programs. Candidates are able to demonstrate an understanding of a range of topics in environmental science and natural resource management, including basic ecological principles and natural resources; relationships between agriculture, the environment, and society; ecosystem and resource management; and forestry. | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | | **Institutions(s)** | | **Catalog Link(s)** | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | | |  | |  | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **III** | **5. Agricultural Business and Economics** | Candidates demonstrate a broad understanding of principles of agricultural business and economics. Candidates apply this knowledge to plan and implement programs. Candidates are able to demonstrate an understanding of a range of topics in agricultural business and economics, including agricultural economics, marketing, and trade; agricultural entrepreneurship and management functions; agricultural business management; and government policies that affect agricultural businesses. | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | | **Institutions(s)** | | **Catalog Link(s)** | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | | |  | |  | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **III** | **6. Agricultural Systems Technology** | Candidates demonstrate a broad understanding of principles of agricultural systems technology. Candidates apply this knowledge to plan and implement programs. Candidates are able to demonstrate an understanding of a range of topics in agricultural systems technology, including safety principles and practices, shop fabrication, construction, maintenance and operation of power equipment, and land measurement and irrigation systems. | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | | **Institutions(s)** | | **Catalog Link(s)** | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | | |  | |  | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |

|  |
| --- |
| **OSS Only:**  Subtest I met through coursework: Yes   No  Subtest II met through coursework: Yes   No  Subtest III met through coursework: Yes   No |
| **OSS Notes:** |