AGRICULTURAL ENGINEERING TECHNOLOGY (AGET)

See Course Description Symbols and Terms (https://catalog.csuchico.edu/academic-standards-policies/course-description-symbols-terms/) for an explanation of course description terminology and symbols, the course numbering system, and course credit units.

AGET 120 Introduction to Agricultural Mechanics **3 Units**
Typically Offered: Spring only
Selection, care, and use of common tools; study of safety, common materials and skills used in electrical, plumbing, woodworking, metal work, and land measurement in the field of agriculture. 3 hours laboratory, 2 hours lecture. (000166)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Lower Division

AGET 150 Agricultural Machine Systems **3 Units**
Typically Offered: Fall only
Principles of operation, adjustments, calibration, and safety of wheel and track-type tractors including implements and equipment commonly used in California agriculture. 3 hours laboratory, 2 hours lecture. (000164)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Lower Division

AGET 198 Special Topics **1-3 Units**
Prerequisite: Department permission.
Typically Offered: Fall and spring
This course is for special topics offered for 1.0-3.0 units. Typically the topic is offered on a one-time-only basis and may vary from term to term and be different for different sections. See the Class Schedule for the specific topic being offered. 3 hours supervision. (000169)
Grade Basis: Graded
Repeatability: You may take this course more than once
Course Attributes: Lower Division

AGET 298 Special Topics **1-3 Units**
Typically Offered: Inquire at department
This course is for special topics offered for 1.0 - 3.0 units. Typically the topic is offered on a one-time-only basis and may vary from semester to semester and be different for different sections. See the class schedule for the specific topic being offered. 3 hours seminar. (020966)
Grade Basis: Graded
Repeatability: You may take this course more than once
Course Attributes: Lower Division

AGET 299 Special Problems **1-3 Units**
Prerequisite: Faculty permission.
Typically Offered: Fall and spring
This course is an Independent study of a topic or problem and is offered for 1.0-3.0 units. Students must register with a supervising faculty member. A maximum of 6 units of special problems may be applied toward a bachelor's degree in agriculture. 9 hours supervision. (020957)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Lower Division

AGET 320 Agricultural Mechanics Project Development **2 Units**
Prerequisite: AGET 120
Typically Offered: Spring only
Medium-sized project development techniques for agricultural mechanics instruction. Emphasis is on curriculum development, materials, planning, and construction techniques typically used in secondary instruction for construction courses and SAE. 1 hour discussion, 3 hours laboratory. (022526)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 2 units
Course Attributes: Upper Division

AGET 340 GPS & GIS in Agriculture and Natural Resource Management **3 Units**
Typically Offered: Fall only
Application of Global Positioning Systems (GPS) and Geographic Information Systems (GIS) in agriculture and natural resource management. Identification and delineation of locations and areas; collection, analysis, storage, and retrieval of site and time specific data for agriculture and natural resource management and monitoring. 3 hours laboratory, 2 hours lecture. (000168)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Sustainable Course

AGET 360 Irrigation **3 Units**
Prerequisite: PSSC 101 or PSSC 250 or faculty permission.
Typically Offered: Spring only
Design, management, and evaluation of landscape and agricultural irrigation systems for efficient water use. 3 hours laboratory, 2 hours lecture. (000170)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Sustainable Course

AGET 389 Internship in Agricultural Engineering Technology **1-3 Units**
Prerequisite: Prior approval of academic goals by the Internship Coordinator.
Typically Offered: Spring, summer, fall
This course is an internship offered for 1.0-3.0 units. You must register directly with a supervising faculty member. Work experience with selected farm machinery shop or corporations is to be completed and supervised by faculty and staff of cooperating ranch or industry. 0 hours independent study. (000174)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 15 units
Course Attributes: Upper Division

AGET 398 Special Topics **1-3 Units**
Typically Offered: Inquire at department
This course is for special topics offered for 1.0 - 3.0 units. Typically the topic is offered on a one-time-only basis and may vary from semester to semester and be different for different sections. See the class schedule for the specific topic being offered. 3 hours seminar. (000176)
Grade Basis: Graded
Repeatability: You may take this course more than once
Course Attributes: Upper Division

AGET 399 Special Problems **1-3 Units**
Prerequisite: Upper-division standing, faculty permission.
Typically Offered: Fall and spring
This course is an independent study of a topic or problem and is offered for 1.0-3.0 units. Students must register with a supervising faculty member. Study/research in agriculture under direct supervision of a faculty member. A maximum of 6 units may be applied toward a bachelor's degree in agriculture. 0 hours independent study. (000177)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Upper Division

AGET 489 Internship in Agri Engineering **1-3 Units**
Typically Offered: Fall and spring
3 hours lecture. (000180)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 15 units
Course Attributes: Upper Division

AGET 498 Special Topics **1-3 Units**
Prerequisite: Department permission.
Typically Offered: Fall and spring
This course is for special topics offered for 1.0-3.0 units. Typically the topic is offered on a one-time-only basis and may vary from term to term and be different for different sections. See the Class Schedule for the specific topic being offered. 3 hours supervision. (000184)
Grade Basis: Graded
Repeatability: You may take this course more than once
Course Attributes: Upper Division

AGET 499 Special Problems **1-3 Units**
Prerequisite: Faculty permission.
Typically Offered: Fall and spring
This course is an independent study of special problems offered for 1.0-3.0 units. You must register directly with a supervising faculty member. 0 hours independent study. (000186)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Upper Division