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 only
 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 220  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. (021527)
 Grade Basis: Graded
 Repeatability: You may take this course for a maximum of 2 units
 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 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