# 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Typically Offered</th>
<th>Prerequisite</th>
<th>Grade Basis</th>
<th>Repeatability</th>
<th>Course Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGET 120</td>
<td>Introduction to Agricultural Mechanics</td>
<td>3</td>
<td>Spring only</td>
<td>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)</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>Lower Division</td>
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<tr>
<td>AGET 150</td>
<td>Agricultural Machine Systems</td>
<td>3</td>
<td>Fall only</td>
<td>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)</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>Lower Division</td>
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<tr>
<td>AGET 198</td>
<td>Special Topics</td>
<td>1-3</td>
<td>Fall only</td>
<td>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)</td>
<td>Graded</td>
<td>You may take this course more than once</td>
<td>Lower Division</td>
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<tr>
<td>AGET 220</td>
<td>Agricultural Mechanics Project Development</td>
<td>2</td>
<td>Spring only</td>
<td>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)</td>
<td>Graded</td>
<td>You may take this course for a maximum of 2 units</td>
<td>Lower Division</td>
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<tr>
<td>AGET 298</td>
<td>Special Topics</td>
<td>1-3</td>
<td>Inquire at department</td>
<td>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)</td>
<td>Graded</td>
<td>You may take this course more than once</td>
<td>Lower Division</td>
</tr>
<tr>
<td>AGET 299</td>
<td>Special Problems</td>
<td>1-3</td>
<td>Fall and spring</td>
<td>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)</td>
<td>Credit/No Credit</td>
<td>You may take this course for a maximum of 6 units</td>
<td>Lower Division</td>
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<tr>
<td>AGET 340</td>
<td>GPS &amp; GIS in Agriculture and Natural Resource</td>
<td>3</td>
<td>Fall and spring</td>
<td>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)</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>Upper Division; Sustainable Course</td>
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<tr>
<td>AGET 360</td>
<td>Irrigation</td>
<td>3</td>
<td>Spring only</td>
<td>Design, management, and evaluation of landscape and agricultural irrigation systems for efficient water use. 3 hours laboratory, 2 hours lecture. (000170)</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
<td>Upper Division; Sustainable Course</td>
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<tr>
<td>AGET 389</td>
<td>Internship in Agricultural Engineering Technology</td>
<td>3-3</td>
<td>Spring only</td>
<td>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)</td>
<td>Credit/No Credit</td>
<td>You may take this course for a maximum of 15 units</td>
<td>Upper Division</td>
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<tr>
<td>AGET 398</td>
<td>Special Topics</td>
<td>1-3</td>
<td>Inquire at department</td>
<td>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)</td>
<td>Graded</td>
<td>You may take this course more than once</td>
<td>Upper Division</td>
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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