

**IAI Agriculture Major Panel**  
Course Approval Criteria  
Revised Fall 2025

An institutionally approved representative syllabus in electronic format is required by the panel for its review. Institutions should submit an actual and recent instructor syllabus which is not more than three years old. If the course is yet to be taught, a sample syllabus intended for future students is still required.

**The representative course syllabus and any additional submission materials must include:**

- **Institutional Name**
- **Course prefix, number, and title**
- **Course description:** Including the full catalog course description is required. The course description should compare favorably with the proposed IAI course description.
- **Number of credit hours:** For combined lecture and lab/studio courses, please include lecture credit hours, lab/studio credit hours as well as contact hours for lecture and lab/studio components. Indicate if these are semester or quarter hours.
- **Prerequisites and co-requisites:** If prerequisites are required for a course, it is preferred that the course prefix, course number, course name, and when IAI approved, the IAI code, are included in the submitted syllabus. Important note: as a rule, general education (GECC) courses in IAI should not have prerequisites. There are a few exceptions to this rule for sequences such as written composition and calculus; see panel specific information. Major courses may have prerequisites as appropriate. Co-requisite courses should show the credit hour breakdown between the two courses.
- **Textbooks, additional readings, additional course materials:** Please note if different resources are required for different delivery modes. Course materials should reflect content outcomes and requirements, and should be recently produced. For published texts, please include author, title, edition, date of publication, publisher, and the ISBN. If the course utilizes online or OER materials, please include an active hyperlink; hyperlinks cannot be embedded in the LMS nor be blocked by a password because the panel needs to have full access to the resource.
- **Delivery mode:** traditional/nontraditional, in-person/online/hybrid, etc.
- **Course Objectives:** The course objectives should clearly support the course description.
- **Assignment descriptions:** Please include a detailed description of assignments, readings, projects, etc. Assignment details should be clearly evident and referenced, and show connection to the course learning objectives. Assignments should demonstrate the rigor and scope of the course.
- **Methods of evaluating student learning:** The syllabus should state clearly how learning outcomes will be assessed, such as through objective/subjective examinations, quizzes, written assignments, oral presentations, projects, etc.
- **Grading scale and assignment weighting:** Please provide a grading scale and indicate the relative weight of assignments or evaluation categories (e.g., exams, essays, projects, etc.).
- **Detailed course outline, daily/weekly/hourly schedule:** A detailed topical outline and weekly schedule that ***goes beyond chapter numbers and titles from a textbook (or select readings)*** must be included and it should provide specific details of topics being presented in class. This may include assignments, readings, projects, etc. as appropriate. This could be done using a few bullet points or a couple of sentences. This level of detail is also appropriate for the lab/studio outline in courses that contain a lab or studio component. The lab/studio outline should include similar information but also detail the tools, materials, equipment, and instruments being used and the outcomes or topics that the students will be exploring.

### **General Coding Practice:**

A course can only be assigned to one IAI code/description per panel. Institutions should be clear and careful in determining which IAI code is identified for any syllabus submitted for approval. The institution should also ensure that the course meets the minimum semester credit hour requirement included with the IAI course description.

A student may “count” only one course per code in fulfilling transfer requirements, even though an institution may assign more than one course to a code. In some cases, however, students at schools on a quarter calendar may need to complete two courses to equate to a one-semester course. An equivalency in this circumstance would be three quarter-credits equals two semester credit hours and five quarter-credits equal three semester credit hours.

### **Panel Specific Requirements:**

Note: If the course is a lab course, please include details of lab topics and activities or a detailed separate lab outline.

Note: Required student contact minutes meeting schedule requirements are as follows:

***Lecture – 1 contact hour = 750 minutes per semester credit hour***

***Lab – 2 student contact hours = 1500 minutes per semester credit hour***

Note: The course topics must be listed in the syllabus outline and include the approximate number of hours, days, or weeks dedicated to each course topic.

Note: A grading scale must also be included in the submitted syllabus and should list any special weighting of particular assignments, quizzes, exams, presentations, or attendance points.

Examples:

Exams/Quizzes - 525; Assignments – 150; Attendance - 75 (Total Points = 750)

or:

Exams/Quizzes - 70%, Assignments – 20%, Attendance – 10%, (Total = 100%)

### **Possibility for Labs in Agriculture courses**

AG 902 - Introduction to Animal Science (3-4 semester credits), lab possible

AG 903 - Introduction to Crop (or Plant) Science (4 semester credits), lab possible

AG 904 - Introduction to Soil Science (3-4 semester credits), lab possible

AG 905 - Introduction to Horticulture (3-4 semester credits), lab possible

AG 906 - Introduction to Agricultural Mechanization (3-4 semester credits), lab possible

AG 907 - Introduction to Precision Agriculture (2-4 semester credits), lab possible

AG 912 - Introduction to Floral Design (3 semester credits), lab possible

AG 913 - Introductory Microcomputer Skills in Agriculture (3 semester credits), lab possible

For lab possible courses, the panel needs a detailed description of lab activities for each lab included in the course. The breakdown of contact hours for lecture and lab to meet the appropriate credit hours required for each lab and the course should be clear. If a course is identified as "lab possible" by the panel, the course does not have to have a lab if it is not designed as such at the institution.

- **AG 901 and AG 911 should not have a lab to achieve the necessary content requirements.**

### **Common Reasons Courses Are Not Approved**

In order to facilitate prompt approval of course submission, it may be helpful to be aware of some common reasons for which courses are not approved:

- Course title does not match course description.
- Course content does not match course description.
- Course is too broad in scope - outline contains too many topics.
- Course is too narrow in scope - outline has too few topics to fulfill course description.
- Course is not a lower division course.
- Course syllabus has weak learning objectives.
- Course syllabus has no means of evaluation or grading scale.
- Course syllabus fails to include time allocation spent on topic areas.
- Course syllabus fails to include weighted measurement of assessment methods.
- If a topical outline within a syllabus does not provide the detail necessary for the panel to determine if all required topics are adequately covered, the course will not be approved.