Moberly Area Community College
Common Syllabus

AGR141 Plant Science
Current Term

Instructor:
Office hours:
Response Time: I typically respond to student emails within 24 hours, Monday through Friday.
Contact information:
Classroom number:
Class days and time:

Catalog Description: AGR141: Plant Science (3-2-4)
An introductory course focusing on economically important crop and horticulture plants. Areas of study will include plant anatomy, physiology, growth and development and other related topics. Extensive lab work including plant identification, growth and nutrition will be required. (SP)

Prerequisite/Co-requisite:

Text(s): Title: Intro to Agronomy: Food, Crops & Environment, 2nd Edition
Author: Sheaffer

Other Required Materials:

Purpose of Course:
The central purpose of this course is that the student will develop an understanding of how plants grow and develop, and how cultivated plants are used to meet the needs of human beings. Specifically, the student will increase his or her knowledge of plant structure and plant growth and development, production, maintenance and utilization of plants, and environmental and social conditions that impact plant production. The student will do this by participating in lecture/discussion, reading, library work, group and individual projects and laboratory and field investigations.

Course Objectives: Upon successful completion of this course, students will be able to:

- Demonstrate basic knowledge of plant structure, growth and development.
- Describe principles of soil, water, nutrient and pest management.
- Demonstrate basic knowledge of various types of crops, including those used for food, feed, fiber and fuel.
• Explain the principles of crop production, and how they are influenced by environmental and social pressures.
• Demonstrate basic skills in critical thinking, reading, and writing.

Course Content:
• History, trends and challenges in plant science
• Terrestrial ecosystems and their relationship to cultivating plants
• Overview of plant structure, growth and development
• Elements of genetics, biodiversity and physiological processes
• Plant production and utilization
• Soil, water, nutrient and pest management
• General considerations for production, harvest, handling and marketing

Connection with Career and Technical Education (CTE) Outcome Statement:
In compliance with MACC’s CTE outcomes, the student who successfully completes this course will be able to:
• Students will demonstrate effective written and oral communication skills.
• Students will think critically while systematically assessing problems, identifying issues and implementing solutions.

ASSESSMENT OF STUDENT LEARNING

Grading Scale:
A = > 90%
B = 80-89%
C = 70-79%
D = 60-69%
F = < 60%

(State the way learning outcomes will be measured. They may be measured through, but not limited to, the following: objective and essay questions, papers, quizzes, oral presentations, small group work, and/or projects.)

Description of Major Assignment(s)/Project(s)

INSTRUCTOR POLICIES

Tardiness:
per instructor’s policy

Make-up and late work:
per instructor’s policy
Extra-credit work:
per instructor’s policy

Schedule of Student Assignments/Activities:
(Instructors will identify a Student Assignment/Activities schedule. Instructors have the prerogative to construct the schedule by class periods, weeks, or an overview of topics to be covered.)

Other:
List any other instructor policies.

COLLEGE POLICIES

Attendance:
Students are expected to attend all class sessions for which they are enrolled. The College reserves the right to drop or withdraw students from courses due to lack of attendance.

Students need to be aware that dropping/being dropped from a course and their last date of attendance in the course may impact their financial aid.

MACC faculty are required to track attendance and report lack of attendance. An instructor must complete the appropriate steps to drop a student within one week following the student’s violation of the attendance policy. Additionally, a student’s attendance rate will be calculated based upon the first day the academic session begins (not the student’s date of enrollment in the course). If a student does not attend a course as defined below, the student will be dropped as “Never Attended.”

Term Length Drop Calculations

16-week: Any student who misses two (2) consecutive weeks of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

8-week: Any student who misses one (1) consecutive week of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

4-week: Any student who misses two (2) consecutive days of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

Intersession: Any student who misses one (1) day of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.
Acceptable justification may include, but is not limited to, family emergencies, illness or injury, college-approved co-curricular and extra-curricular activities, and religious holidays.

**Definition of Course Attendance**

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<tr>
<th>Course Type</th>
<th>Description</th>
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<tr>
<td><strong>In Seat Course</strong></td>
<td>Physically attending scheduled, face-to-face, class meetings</td>
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<tr>
<td><strong>Virtual Course</strong></td>
<td>Being present, via appropriate platform, for scheduled class meetings/activities</td>
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| **Hybrid Course** | Physically attending scheduled, face-to-face, class meetings and active participation in the online portion of the course which may include any or all of the following:  
  - Completion of quizzes or exams during class meetings and online  
  - Submission of assignments during class meetings and online  
  - Participation in discussions during class meetings and online |
| **Online Course** | Active participation in an online course includes the following:  
  - Completion of quizzes or exams  
  - Submission of assignments  
  - Participation in threaded discussions |

Simply logging into the Learning Management System (Canvas) and/or accessing the course and course related material does not constitute active participation for the online component of hybrid courses or for online courses. (*Policy Handbook, G.040*)

**Academic Dishonesty:**
MACC board policy is as follows: “Academic dishonesty by students damages institutional credibility and unfairly jeopardizes honest students; therefore, it will not be tolerated in any form.” Forms of academic dishonesty include but are not limited to the following: violations of copyright law, plagiarism, fabrication, cheating, collusion, and other academic misconduct. Incidents of dishonesty regarding assignments, examinations, classroom/laboratory activities, and/or the submission of misleading or false information to the College will be treated seriously. The procedure for handling academic dishonesty is outlined in the Student Handbook (*Policy Handbook G.020*). In cases of alleged academic dishonesty, the burden of proof is on the student, not on the instructor.

**Recording Class Sessions Using Zoom:**
The privacy of students is a priority in live or virtual meetings. Recordings of lectures or class meetings that share student information constitute an educational record and are protected under FERPA. Instructors may share recordings within the course section where they were originally recorded and only with the students enrolled in the section. Documented consent from each student identified in the recording is required to distribute outside of the course where it was originally recorded, or student identity must be redacted.
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Student Email:
MACC Mail is the official student email system at MACC. Official college communication is sent via this email system. Students are responsible for checking their MACC Mail account regularly. Students may also receive notifications and reminders from MACC through the online learning platform. However, students should remain aware that the online learning platform messaging system and MACC Mail (student email) system are two separate systems.

ADA Statement:
Students who have disabilities that qualify under the Americans with Disabilities Act may register for assistance through the Office of Access and ADA Services. Students are invited to contact the Access Office to confidentially discuss disability information, academic accommodations, appropriate documentation and procedures. For more information, please call either the Moberly office at (660) 263-4100 x 11240 or the Columbia office at (573) 234-1067 x 12120, or visit our web page at http://www.macc.edu/index.php/services/access-office.

Title IX Statement:
MACC maintains a strict policy prohibiting sexual misconduct in any form, including sexual harassment, sexual discrimination, and sexual violence. All MACC employees, including faculty members, are considered mandated reporters of sexual misconduct and as such are expected to contact the Title IX Coordinator when they become aware, in conversation or in writing, of an incident of sexual misconduct. For more information on this policy or to learn about support resources, please see http://www.macc.edu/sexual-misconduct-policy or contact Ms. Cheryl Lybarger, MACC's Title IX Coordinator, at 660-263-4110, ext. 11369 or CherylLybarger@macc.edu.