Introductory Plant Sciences
AGRO/HORT 100G
Spring 2019 Syllabus

**Lecture:**
MWF 12:30 - 1:20, Hardman Jacobs (HJLC), Room 228

**Instructor:**
Prof. Rachel Gioannini
Skeen Hall, Room N352
Tel: 646-3638
Email: rachelgi@nmsu.edu
Office Hours: T 10:30-11:30, F 2:30-3:30 and by appt.

**Labs, All in SKEEN Hall**

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<table>
<thead>
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<tbody>
<tr>
<td>M1A: Mon 1:30-3:50pm, W138</td>
<td>M1B: Tues 10:30a-12:50p, W138</td>
<td>M1C: Tues 1:30-3:50pm, W139</td>
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<td>M1D: Wed 1:30-3:50pm, W138</td>
<td>M1E: Thurs 1:30-3:50pm, W138</td>
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**Lab Instructors/Teaching Assistants:**

<table>
<thead>
<tr>
<th>Name</th>
<th>email</th>
<th>Office</th>
<th>Lab time(s)</th>
<th>Office Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>William Bosland</td>
<td><a href="mailto:wbosland@nmsu.edu">wbosland@nmsu.edu</a></td>
<td>Skeen N229</td>
<td>Thurs., 1:30-3:50pm</td>
<td>By appt.</td>
</tr>
<tr>
<td>Srijana Dura</td>
<td><a href="mailto:srijana@nmsu.edu">srijana@nmsu.edu</a></td>
<td>Skeen W341</td>
<td>Tues., 10:30a-12:50p</td>
<td>By appt.</td>
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<tr>
<td>Harpreet Kaur</td>
<td><a href="mailto:harpr123@nmsu.edu">harpr123@nmsu.edu</a></td>
<td>Skeen N325</td>
<td>Wed., 1:30-3:50pm</td>
<td>By appt.</td>
</tr>
<tr>
<td>Jackson Powers</td>
<td><a href="mailto:powers13@nmsu.edu">powers13@nmsu.edu</a></td>
<td>Skeen N329</td>
<td>Mon., 1:30-3:50pm</td>
<td>By appt.</td>
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<tr>
<td>Hanah Rhea</td>
<td><a href="mailto:handsr@nmsu.edu">handsr@nmsu.edu</a></td>
<td>Skeen N255</td>
<td>Tues., 1:30-3:50pm</td>
<td>By appt.</td>
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**Course Description:**
Introduction to the physical, biological, and chemical principles underlying plant growth and development in managed ecosystems. In the laboratory portion of the class, students perform experiments demonstrating the principles covered in lecture. The course uses economic plants and agriculturally relevant ecosystems to demonstrate basic principles. Appropriate for non-science majors.

**Course Objectives:**
1. Describe the role plants play in everyday lives
2. Introduce career opportunities in plant and soil sciences, and related fields
3. Define plants through the concepts of plant structure and anatomy
4. Introduce the wide variety of plants cultivated throughout the world
5. Describe how plants work (growth, reproduction, physiology, and soil)
6. Describe how plants are manipulated to feed, clothe and entertain the world

**Course Materials:**

**NMSU CANVAS** ([http://learn.nmsu.edu](http://learn.nmsu.edu)). Materials related to class lectures and laboratories will be available online. Students should check both their AGRO/HORT 100G Lecture CANVAS page and their AGRO/HORT 100G Laboratory CANVAS page at least 24 hours before each class period for announcements, updates and information. In addition, students should have their CANVAS notifications to arrive either immediately or daily to stay up to date with the course. It is the student’s responsibility to take notes during lectures and labs.

**iCLICKER:** I will be using iClicker Classic this term to conduct polls in class. This will help me understand what you know and give everyone a chance to participate in class. This will also give you feedback on how well you are comprehending course concepts and will help you master the challenging material in this class.

You are required to bring a device to participate in my iClicker sessions during class. It is your responsibility to properly register your iClicker remote in a timely manner.

You have the option to rent an iClicker remote. Visit the Macmillan Learning Student Store to view iClicker rental information, which also includes an option to purchase access to the iClicker Reef mobile app at a discounted rate. You can also find iClicker Reef (formerly REEF polling) in your app store, which you can
then download to your phone. If you’re using the app, you do NOT need to also purchase or rent a remote. Whichever option you choose, it is YOUR RESPONSIBILITY to properly register in a timely manner!

iClicker Registration Instructions:
- If you are using an iClicker remote, register your iClicker remote ID directly through a link in Canvas; you’ll find it on the home page for this course on the left hand side of the page.

Grading (points values are subject to change):
A total of 1000 points will be available for grading purposes. No +/- grades will be assigned. Students taking the course “pass/fail” must have at least 700 pts. to “pass”.

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<thead>
<tr>
<th>Range</th>
<th>Percentage</th>
<th>Letter Grade</th>
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<tbody>
<tr>
<td>900-1000 pts.</td>
<td>90-100%</td>
<td>A (4.0)</td>
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<td>800-899 pts.</td>
<td>80-89.9%</td>
<td>B (3.0)</td>
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<td>700-799 pts.</td>
<td>70-79.9%</td>
<td>C (2.0)</td>
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<td>600-699 pts.</td>
<td>60-69.9%</td>
<td>D (1.0)</td>
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<td>0-599 pts.</td>
<td>0-59.9%</td>
<td>F (0.0)</td>
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Graded items (800 pts. total, 80% of grade)
- Exam I: ........................................................................................................100 pts.
- Exam II: .........................................................................................................100 pts.
- Exam III - Final Exam (May 12; 1-3pm) .....................................................100 pts.
- Research Paper (due April 26) ..................................................................100 pts.
- iClicker .........................................................................................................60 pts.
- Online Quizzes (10 x 10 pts. each; if more than 10, lowest grade dropped)....100 pts.
- Laboratory (13 labs x 20 pts. each; lowest grade dropped) ....................240 pts.

All-Or-Nothing (AON) items (200 pts., 20% of grade, pick from the following)
- Attend a student club meeting in Plant & Environmental Sciences ............10 ea., max 100 pts.
  (Hort Forum, OASIS, Turf Club, ESSO, others with prior approval)
- Career Day: Dress the part (Feb 1) ............................................................30
- Career Day: Resume submission (Feb 1) .....................................................30
- Meet with your professor (Before Feb 22, Schedule Office Appointment) ....20
- Research Paper: Topic submission (Before Feb 15) .....................................10
- Research Paper: 1st Draft (Before Mar 22) ................................................40
- Join ASHS ....................................................................................................20
- Outside interview write-up ................................................................. .35
- Paper: News Video/Article of topic ..................................................... .40
- Plant journal: Daily contact with plants write up or photo collage .........20/40
- Video plant topics: Know your plant (unfamiliar plant) ...................... .50
- Video plant topics: Mythbusters (new myth) ........................................ .50
- Fun Fridays: Participation (See lecture calendar) .....................................15
- Fun Fridays: Wikipedia Quest (Info on Mar 1) ..........................................35
- Fun Fridays: Know Your Plant (on Mar 15) ............................................30
- Fun Fridays: Neighborhood Swap & Strange Plants (on Apr 12) .............30
- Fun Fridays: The Great Debate #1 (submit notecard by Apr 17) ...........20
- Fun Fridays: Plant Jeopardy .................................................................15-50 each
- Fun Fridays: I’m farming and I know it replacement video ..................50/75
- “You Call It” (anything preapproved, points predetermined) ................. requires approval

Notes on All-Or-Nothing (AON) assignments.
Students can only receive points once for each approved item unless otherwise stated above. Students shall submit a write-up, journal, video, photo collage, signature from president of student club, etc. to receive points. In other words, a digital or paper copy of something will be turned in. For the “You Call It” items, student must meet with Ms. Gioannini and/or their Teaching Assistant to get approval and to determine point value. An assignment contract will be signed by both parties.

Once AON assignments are turned in, the student will be awarded all assigned points or no points. Allow at least 8 business days for review. All assignments must be turned in on or before April 22 at 4:00pm. If no points are awarded, the student may resubmit their assignment no later than April 29 at 4:00pm. Any assignments turned in on April 29 will not be considered for additional resubmission, truly “All Or Nothing”. Paper topic
submissions will only receive points if submitted prior to February 16 at 4:30pm and the paper draft submission will only be considered if it is a complete draft received before March 31.

Extra Credit. Once a student has completed the required 200 points for AON assignments and IF they fulfill the requirements for the laboratory section including mandatory attendance, they can seek additional points from the non-graded AON assignments (maximum 150pts). All deadlines listed above still apply.

iClicker Grading Information
Class polls will be worth 60 points (6%) of your final grade. You will earn 3 points for each correct question you answer and 1 point for response attempt. Likely, 2-3 questions will be asked in a 1 hour lecture period. Your grades will be synced periodically from iClicker into Canvas. If you are using iClicker Reef, you can also view your points on the iClicker Reef website or iClicker Reef app.

PAPER
The final paper submission is due April 26 at 4:00pm. Paper topics are due to your teaching assistant before Feb 15 for approval (approval/denial notified by Mar. 1). Ms Gioannini and the TA’s will review all paper topics for approval. General paper topics will not be approved. No two students may have the same topic. Paper topics may be changed, with additional approval, at any point prior to April 12. Papers submitted from unapproved topics will not be accepted or graded until topic is approved. Papers shall be submitted electronically through CANVAS (learn.nmsu.edu) as either a word document (doc/docx) or an Adobe Acrobat File (pdf) ONLY.

The written portion of the paper must be six (6) to eight (8) full-pages long, double-spaced, 1.0” margins, Times New Roman or Arial 12 point font. Bibliography, figures, maps, diagrams, etc. will not be counted in the page count. The topic and writing approach is left to the discretion of the student. One acceptable writing approach may be to present an issue, to present various viewpoints of the issue, and to provide evidence for the best solution/opinion. Another writing approach may be to write a ‘compare and contrast’ paper. You must use at least ten (10) recent references (the oldest publication year should be 2010). No more than half of your references can come from “reliable” internet sources, the rest should be from scientific papers (try Google Scholar). A grading rubric will become available later in the semester. Plagiarism will not be tolerated and will result in significant consequences, including a zero on paper and/or further university discipline action (See Below). Do not plagiarize! It is easy to spot. When in doubt, simply use a citation within the paper and a reference in a bibliography. Papers not meeting all of the above guidelines will not be accepted or graded.

Paper topic examples (these are general topic areas, your topic must be much more specific to include a specific plant, plant trait, etc.)
- How should genetically modified plants be managed and how will they affect humankind?
- How will global warming affect plants on Earth and how will plants affect global warming?
- On a global scale, how can an ever expanding population be fed while reducing soil erosion, reducing new land development, and preserving natural ecosystems?
- In the Mesilla Valley of New Mexico, how can crop production agriculture be sustained with increased domestic and international competition, decreasing resources, and increased urbanization?
- With the recent food safety scares involving fresh produce, how can we ensure that produce is safe to eat?
- Should corn be grown for ethanol fuel and what effect will increased corn production have on commodity prices, fuel costs, energy dependence, and the environment?
- Why does steer manure smell so bad when it’s fresh and so “sweet” when it’s composted?
- With the increased prices for farm commodities such as corn, wheat, soybeans, etc., should U.S. farm subsidies and price supports continue? Why or why not?
- If the human population keeps growing and arable farmland keeps decreasing at their current rates, when will we run out of food?
- Is the US agriculture really feeding the world?
- Why do we grow different crops in New Mexico than in Pennsylvania?
POLICIES

Class Attendance and participation
Students are expected to attend every class period. Class participation is encouraged and may help decide borderline grades. Attendance will be taken through the iClicker app at every class session. Excused absences need notification and approval at least 7 days prior to date of first absence. In the case of emergencies, notify instructors as soon as possible. Make-up exams, quizzes or any other assignment will not be given except family/health emergencies with appropriate documentation. Absences for NMSU sponsored activities will also require a letter from the advisor.

Laboratory Section Attendance
Attendance in the laboratory section is mandatory for all students. Points earned in laboratories cannot be made up. A student who misses three (3) or more laboratories will receive no points for the laboratory section (240 points). All students must print out the lab manual before class each week. If the lab questions are turned in on notebook paper and they are illegible, the instructor has the right to not grade the lab and give no credit. A student who arrives five (5) or more minutes late to class will be considered absent, but may be able to complete the day’s activities with the lab instructor’s permission. With prior permission, a student may attend another laboratory section if the section is not full. It is the student’s responsibility to notify the lab instructor for both your original and “switched” laboratories. There will be no makeup options for field trips. At the end of the semester, the lowest lab grade will be dropped and calculated into the final grade. Lab assignments are due at the end of the lab period, and will only be accepted if the lab bench has been cleaned and students have been dismissed by the lab instructor.

Office Hours and Getting Help
Office Hours are available by appointment with the course and laboratory instructors. These hours are first come, first serve. You are also free to use the “Muddiest Points” Discussion Board within CANVAS to post any questions you might have about the course materials. These will be answered by your fellow students, teaching assistants and/or the course instructor. Do not post non-class related material in the Muddiest Points Discussion. A separate discussion posting board will be created for “Items of Interest” Discussion Board within CANVAS for students to post other items. All inappropriate items will be removed from the course and one’s ability to post items may be revoked for any reason.

Late Assignments
Late assignments will automatically lose 50% of points and no assignments will be accepted if more than 2 business days late, except in the case of emergencies or prior approval from the course instructor. This is true for both the laboratory and lecture portion of the course. All AON assignments and extra credit assignments will not be accepted late.

Examinations
See schedule of class for proposed dates. Bring your student ID with you for each Exam Period. Dates are subject to change and any changes will be announced at least 1 week prior to the new date. Exam I will cover all material from the beginning of the class. Exam II will cover all materials between Exam I and Exam II. Exam III (Final Exam) will include all material after Exam II. Information learned in laboratories will be included in the exams. There will be NO comprehensive exam. Make-up exams will not be given except with doctor’s excuse and will differ from the original exam. Absences for NMSU sponsored activities require a signed letter from the advisor. No hats, headphones, cell phones, cheat sheets or other cheating aide will be permitted into the exam. All bags must be placed against the walls during the exam. You will need to show your student ID when you turn in your exam. Once the first student turns in their exam, no additional exams will be administered to late arriving students. Exams will be picked up promptly at the end of the exam period, no exceptions. Students with disabilities must make prior arrangements. Cheating will not be tolerated; the student will receive a zero for the exam and will be considered for further disciplinary action by the university.

Online Quizzes
Ten (10) or more online quizzes will be given throughout the semester. Once announced in lecture, students will be given two (2) business days to complete the quiz. All resources may be used to take the quizzes, but quizzes can only be submitted once. Format of quizzes may change throughout the semester. If more than 10 quizzes are offered, only the highest 10 scores will contribute to the student’s grade and the remainder will be dropped.
CANVAS
This course will use CANVAS (http://learn.nmsu.edu/) frequently as an avenue to support lecture and laboratory materials. Topic clarification and additional information may show up within the CANVAS course. Students are expected to visit their lecture and laboratory CANVAS pages often for announcements, updates and information. Students are encouraged to form discussion groups, chat sessions and other opportunities to seek answers associated with the course materials. All online quizzes will offered in CANVAS, and only in CANVAS.

Email
The instructor and the teaching assistants will respond to every student email prior to the end of the next business day (allow for 72 hours on weekends). NMSU policy says that instructors and teaching assistants can only respond to students through their NMSU email. Therefore, students are expected to check their NMSU email daily or forward their NMSU email to another account. Instructions for forwarding emails can be found under the help section of my.nmsu.edu.

Class Distractions
The lecture class is in a large classroom where the sound travels well. Be respectful of your fellow students and instructors. Whispers can be heard by most people in the room. If you need to have a conversation with a fellow student, please wait until after class. If a student disrupts the class, they will be asked to leave the room for the day. If the disruptions become regular, the student will be removed from the course.

Cell Phones and Other Portable Devices
Please turn your cell phone off or to vibrate while in class. On the first offense and any additional offenses for the semester, offenders will be required to make a 5 minute presentation to the class on the topic to be determined by the instructor. During graded exams or other activities, cell phones must be turned OFF. The instructor will confiscate any cell phones used during graded assignments. If a cell phone is used to cheat, the student will receive 0 points for the graded assignment. A second offense will result in failure for the course.

ACADEMIC MISCONDUCT and PLAGIARISM

Academic misconduct including plagiarism will not be tolerated in the Plant and Environmental Sciences Department. The Department follows the policies and procedures pertaining to academic misconduct and plagiarism found in the NMSU Student Code of Conduct available online at https://studenthandbook.nmsu.edu/

Students at NMSU are expected to observe and maintain the highest academic, ethical, and professional standards of conduct. Any student found guilty of academic misconduct shall be subject to disciplinary action. Academic misconduct includes, but is not limited to, the following actions:
1. Cheating or knowingly assisting another student in committing an act of cheating or other forms of academic dishonesty;
2. Plagiarism, which includes, but is not necessarily limited to, submitting examinations, themes, reports, drawings, laboratory notes, undocumented quotations, computer-processed materials, or other material as one's own work when such work has been prepared by another person or copied from another person;
3. Unauthorized possession of examinations, reserve library materials, or laboratory materials;
4. Unauthorized changing of grades on an examination, in an instructor's grade book, or on a grade report; or unauthorized access to academic computer records;
5. Nondisclosure or misrepresentation in filling out applications or other university records in, or for, academic departments or colleges.

Academic Misconduct Class Policy:
Cheating will not be tolerated on any class activity. Any student caught cheating will receive zero points for the activity. In addition, the student may be asked to leave the class, or the student may be subjected to further disciplinary action at the university level (e.g., hearing with possible dismissal from the university). Plagiarism is a crime, in addition to being academically dishonest, and will not be tolerated. Plagiarism can be committed unintentionally by quoting or copying others' works without providing the proper credit (literature citations). Ask the instructors for help if you are unsure about plagiarism. Plagiarism is easy to spot; please just don't do it. When in doubt, use a citation within the text to indicate you are using someone else's work, ideas or thoughts.
STUDENTS WITH DISABILITIES:

If you have (or believe you have) a disability and would benefit from classroom accommodation(s), please contact the Services for Students with Disabilities (SSD) Office located at Corbett Center, Room 208 [Phone: 646-6840: TTY: 646-1918, sas@nmsu.edu]. Trudy Luken is coordinator.

Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act Amendments Act (ADAAA) covers issues relating to disability and accommodations. If a student has questions or needs an accommodation in the classroom (all medical information is treated confidentially), contact:

Trudy Luken, Director
Student Accessibility Services (SAS) - Corbett Center Student Union, Rm. 208
Phone: (575) 646-6840 E-mail: sas@nmsu.edu
Website: http://sas.nmsu.edu/

Student Responsibilities:
1. Register with SAS and obtain accommodation documents early in the semester;
2. Deliver the completed accommodation and testing form(s) to the instructor(s) within the first two weeks of beginning of classes (or within one week of the date services are to commence);
3. Retrieve the signed form(s) from faculty and return to SAS within (5) days of the receipt from faculty and at least one week before any scheduled exam; and,
4. Contact the SAS Office if the services/accommodations requested are not being provided, not meeting your needs, or if additional accommodations are needed. Do not wait until you receive a failing grade. Retroactive accommodations cannot be considered.

Faculty Responsibilities
1. Sign the ACCOMMODATION REQUEST FORM and TESTING ACCOMMODATION FORM (when presented), retain a copy, and return the original to the student within five (5) working days of receipt;
2. Contact SAS immediately if there are any questions or disputes regarding accommodation(s), disruptive behavior, etc.; and,
3. Refer the student to SAS for any additional accommodations.

Discrimination Policy
NMSU policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status. Furthermore, Title IX prohibits sex discrimination to include sexual misconduct: sexual violence (sexual assault, rape), sexual harassment and retaliation.

For more information on discrimination issues, Title IX, Campus SaVE Act, NMSU Policy Chapter 3.25, NMSU's complaint process, or to file a complaint contact:
Lauri Millot, Director and Title IX Coordinator
Agustin Diaz, Associate Director, Title IX Deputy Coordinator
Office of Institutional Equity (OIE) - O'Loughlin House, 1130 University Avenue
Phone: (575) 646-3635 E-mail: equity@nmsu.edu
Website: http://eeo.nmsu.edu/

Other NMSU Resources:
NMSU Police Department: (575) 646-3311 www.nmsupolice.com
NMSU Police Victim Services: (575) 646-3424
NMSU Counseling Center: (575) 646-2731
NMSU Dean of Students: (575) 646-1722
For Any On-campus Emergencies: 911
### COURSE SCHEDULE

Dates and Topics are subject to change.

<table>
<thead>
<tr>
<th>Week</th>
<th>Class</th>
<th>Date</th>
<th>Topics</th>
<th>Pre-Readings Plants &amp; People</th>
<th>Lab Topics</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>W Jan 16</td>
<td>Introduction, Syllabus,</td>
<td>Ch. 1</td>
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<tr>
<td></td>
<td>2</td>
<td>F Jan 18</td>
<td>What is a Plant? Daily Contact with Plants</td>
<td>Ch. 1</td>
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<td>2</td>
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<td>M Jan 21</td>
<td><strong>MLK DAY! NO CLASS!</strong></td>
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<td>W Jan 23</td>
<td>Agro or Hort? Careers in Plant Sciences</td>
<td>Ch. 2</td>
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<td>Research Paper Information</td>
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<td>Fun Friday: Unusual Contact with Plants</td>
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<td>6</td>
<td>M Jan 28</td>
<td>Plant Leaves</td>
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<td>7</td>
<td>W Jan 30</td>
<td>Plant Shoots</td>
<td>Ch. 2</td>
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<td>8</td>
<td>F Feb 1</td>
<td>Fun Friday: Career Day in Plant Sciences</td>
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<td><em>Guest Speaker: Dr. St. Hilaire</em></td>
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<td><strong>Guest Speakers: Dr. Shukla</strong></td>
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<td>Plant Roots</td>
<td>Ch. 2</td>
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<td>11</td>
<td>F Feb 8</td>
<td>Fun Friday: Plant Journals</td>
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<td>M Feb 11</td>
<td>Plant Flowers &amp; Fruits</td>
<td>Ch. 2</td>
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<td>13</td>
<td>W Feb 13</td>
<td>Life Spans</td>
<td>Ch. 2</td>
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<td>14</td>
<td>F Feb 15</td>
<td>Fun Friday: Plant Myths</td>
<td></td>
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<td>15</td>
<td>M Feb 18</td>
<td>Herbs &amp; Woody Plants</td>
<td>Ch. 2</td>
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<td>16</td>
<td>W Feb 20</td>
<td>Turf Grass</td>
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<td><em>Guest Speaker: Jackson Powers</em></td>
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<td>F Feb 22</td>
<td>Fun Friday: Plant Jeopardy - Exam I</td>
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<td>M Feb 25</td>
<td><strong>EXAM I</strong></td>
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<td></td>
<td>19</td>
<td>W Feb 27</td>
<td>Plant Cells</td>
<td>Ch. 3, p. 42-50</td>
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<td>20</td>
<td>F Mar 1</td>
<td>Fun Friday: WikiPedia Quest</td>
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<td>Week</td>
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<td>M Mar 4: Plant Sexual &amp; Asexual Reproduction</td>
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<td>W Mar 6: Plant Growth</td>
<td>Ch. 6</td>
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<td>F Mar 8: Fun Friday: Neighborhood Swap &amp; Strange Plants</td>
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<td>M Mar 11: Light and Temperature</td>
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<td>W Mar 13: Photosynthesis</td>
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<td>F Mar 15: Fun Friday: Know Your Plant, Last day to drop with a W</td>
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<td>M Mar 18: Photosynthesis</td>
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<td>W Mar 20: Photosynthesis and Respiration</td>
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<td>F Mar 22: Fun Friday: Plant Jeopardy—Exam II</td>
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<td>Mar 25 – 29</td>
<td>SPRING BREAK - YAY! NO CLASSES!!!!</td>
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<td>M Apr 1: Exam II</td>
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<td>W Apr 3: Soils and Mineral Nutrition</td>
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<td>M Apr 8: Agriculture &amp; Biosphere</td>
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<td>W Apr 10: Guest Lecture: Dr. DuBois</td>
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<td>F Apr 12: Fun Friday: TBA</td>
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<td>M Apr 15: Types of Agriculture &amp; Plant Breeding</td>
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<td>W Apr 17: Guest Lecture: Dr. Cramer</td>
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<td>F Apr 19: Spring Holiday! NO CLASS</td>
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<td>M Apr 22: Plant Breeding &amp; Technology, Environmental Impact</td>
<td>Ch. 12</td>
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<td>W Apr 24: Guest Lecture: Dr. Gopalan</td>
<td>Ch. 13-18</td>
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<td>F Apr 26: Fun Friday: The Great Debate, Paper Due, All AON Due</td>
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<td>M Apr 29: Economic Botany</td>
<td>Ch. 13-18</td>
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<td>W May 1: Guest Lecture</td>
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<td>F May 3: Fun Friday: Plant Jeopardy - Final Exam</td>
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<td>May 6: FINAL EXAM 1-3p</td>
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1.15.19
Assignment Contract for AGRO/HORT 100

Student: ______________________  Date: ______________
Approver: ______________________  Proposed point value: ____________ pts.

Description of assignment:
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

Approver signature/date: ________________________________________________

Student signature/date: ________________________________________________

Completion Date and Final Points awarded: ________________________________
Approver: ________________________________________________

Assignment Contract for AGRO/HORT 100

Student: ______________________  Date: ______________
Approver: ______________________  Proposed point value: ____________ pts.

Description of assignment:
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Approver signature/date: ________________________________________________

Student signature/date: ________________________________________________

Completion Date and Final Points awarded: ________________________________
Approver: ________________________________________________