### Section 1. Course Title and Description

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<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>PS 425-525</td>
<td>Soybean Production</td>
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Course Description: Soybean crop production and management across all growth stages. Among the topics addressed in this course include soybean crop insurance; variety selection; seeding rates; seed treatments and inoculations; weed, disease, and pest management; fertilizers and applications; crop maturity factors that impact harvest.

Pre-requisites: Junior or Senior standing, Agronomy or AST

### Section 2. Review of Course

Will this be a common or unique course? (select the appropriate option below)

- [X] This course will be a unique course. (Go to Section 3.)

### Section 3. Other Course Information

1. Are there instructional staffing impacts?
   - [X] No, schedule management. Explain: The instructor Dr. Cheryl Reese was hired to help teach soils and other courses. Her appointment is already 100% and this course will only be offered spring of even years.

2. Existing program in which course will be offered: Agronomy, and a Precision Ag Minor (under development)

3. Proposed instructional method: D- Discussion/Recitation  
   (may be found at http://www.sdbor.edu/services/academics/AAC/guidelines.htm )  
   Provide a brief justification: This is the best method for the course.

4. Proposed primary delivery: 001 Face to Face/live  
   (may be found at http://www.sdbor.edu/services/academics/AAC/guidelines.htm )

5. Term in which change will be effective: Fall 2014
6. Can this course be repeated for additional credit? No

7. Will the grade for this course be limited to S/U (pass/fail)? _______ Yes _______ X No

8. Will section enrollments be capped? Yes, 40 maximum per section

9. Will this course be equated (i.e. considered the same course for degree completion) with any other unique or common course in the course database? _______ Yes _______ X No

10. Is this prefix already approved for your university? _______ X Yes _______ No

Section 4. To be completed by Academic Affairs

1. University department code: SPS

2. Proposed CIP code: 010304

Is this a new CIP code for this university? _______ X Yes _______ No

NEW COURSE REQUEST
Supporting Justification for On-Campus Review

Brent Turnipseed                                  Brent Turnipseed  1/22/14
Request Originator                                 Signature                       Date

David Wright                                      David Wright  1/22/14
Department Chair                                 Signature                       Date

Don Marshall                                      Don Marshall  2/03/14
School/College Dean                              Signature                       Date

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.
   Based on significant student and employer feedback, the Agronomy program is proposing the addition of three courses focused on crop production of major grains – corn, wheat and soybeans. This course will address the use of precision ag into the production of major grains. The course was offered as a special topics in spring 2013 with high demand. The course will also be offered as an elective in the proposed Precision Ag minor.

2. Note whether this course is: _______ Required _______ X Elective

3. In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?
   Precision Ag Minor (under development)

4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.
   NA

5. Desired section size 40


6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).
   Dr. Cheryl Reese, Instructor, PhD

7. Note whether adequate facilities are available and list any special equipment that will be needed for
   the course.
   Adequate facilities are available.

8. Note whether adequate library and media support are available for the course.
   Resources are adequate.

9. Will the new course duplicate courses currently being offered on this campus? No

10. If this course may be offered for variable credit, explain how the amount of credit at each offering is
    to be determined. NA

11. Add any additional comments that will aid in the evaluation of this request.
    This course will be added to the Agronomy “Crops” Elective and as part of the Precision Ag Minor
    (under development).