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**Bulletin / Banner Change Transmittal Form**

**[x] Undergraduate Curriculum Council**

**[ ] Graduate Council**

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

Email completed proposals to curriculum@astate.edu for inclusion in curriculum committee agenda.

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**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Donald Kennedy | 2/20/2017 |

**Department Chair:**  |

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**Head of Unit (If applicable)**   |
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| Kim Pittcock | 2/17/2017 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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| Timothy Burcham | 2/20/2017 |

**College Dean** |

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**Graduate Curriculum Committee Chair** |
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**General Education Committee Chair (If applicable)**   |

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**Vice Chancellor for Academic Affairs** |

**1.Contact Person** (Name, Email Address, Phone Number)

Steve Green, sgreen@astate.edu, x-3463

**2.Proposed Change**

Add course description: **Introduction to soil properties and processes through hands-on laboratory** **experience**.

**3.Effective Date**

Fall 2017

**4.Justification –** *Please provide details as to why this change is necessary.*

Re-insertion of course description that at some point was lost in the bulletin.

**Bulletin Changes**

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| **Instructions**  |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Follow the following guidelines for indicating necessary changes.** **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.** - Deleted courses/credit hours should be marked with a red strike-through (~~red strikethrough~~)- New credit hours and text changes should be listed in blue using enlarged font (blue using enlarged font). - Any new courses should be listed in blue bold italics using enlarged font (***blue bold italics using enlarged font***)*You can easily apply any of these changes by selecting the example text in the instructions above, double-clicking the ‘format painter’ icon 🡪 , and selecting the text you would like to apply the change to.**Please visit* [*https://youtu.be/yjdL2n4lZm4*](https://youtu.be/yjdL2n4lZm4) *for more detailed instructions.* |

Plant and Soil Science (PSSC)

PSSC 1301. Plant Science Laboratory  Introduction to agronomic and horticultural concepts related

to crop anatomy, growth and development, physiology, and pest identification and management.

Spring.

PSSC 1303. Introduction to Plant Science  Agronomic and horticultural cropping systems including

crop growth and development, crop physiology, crop ecology, environmental considerations,

and production and protection practices. Fall, Spring.

PSSC 2811. Soils Laboratory **Introduction to soil properties and processes through hands-on laboratory** **experience**. Corequisite or prerequisite, PSSC 2813. Fall.

PSSC 2813. Soils Origin, classification, physical and chemical properties of soil and environmental

considerations. Prerequisite, CHEM 1013 and CHEM 1011 or CHEM 1043 and CHEM 1041. Fall,

Spring.

PSSC 3313. Plant Disease Management Introduction to management of plant diseases. Major

concepts include genetic, cultural, and biological controls as related to management of plant

systems. Self study course utilizing computer technology, seminars, and laboratory exercises.

Prerequisites, PSSC 1303. Spring.

PSSC 3323. Weeds and Weed Control  Identification and pest management of weeds in agronomic,

horticultural, and urban systems. Survey of herbicides, their chemistry, toxicology, modes

of action, uses, and environmental impact. Lecture two hours and laboratory two hours per week.

Prerequisites, CHEM 1013 or CHEM 1043; and PSSC 1303. Spring.