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| CIP Code: |  |
| Degree Code: |  |

**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](mailto:curriculum@astate.edu) for inclusion in curriculum committee agenda.

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| |  |  | | --- | --- | | Shawn Bayouth | 11/7/2019 |   **Department Curriculum Committee Chair** | |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **COPE Chair (if applicable)** |
| |  |  | | --- | --- | | Shawn Bayouth | 11/7/2019 |   **Department Chair:** | |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **Head of Unit (If applicable)** |
| |  |  | | --- | --- | | Shanon Brantley | 11/7/2019 |   **College Curriculum Committee Chair** | |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **Undergraduate Curriculum Council Chair** |
| |  |  | | --- | --- | | Susan Hanrahan | 11/7/2019 |   **College Dean** | |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **Graduate Curriculum Committee Chair** |
| |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **General Education Committee Chair (If applicable)** | |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **Vice Chancellor for Academic Affairs** |

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

Sara Walker

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870-680-8286

**2.Proposed Changes**

- Adding a new course for the Paramedic program (EMSP 2217).

- Remove BIO 2203 and BIO 2201 from the Certificate and AAS Paramedic programs due to the inclusion of EMSP 2217

- Remove BIO 2223 and BIO 2221 from the Certificate and AAS Paramedic programs due to the inclusion of EMSP 2217

- Remove the prerequisite of a grade of C or better in BIO 2203 and BIO 2201 for EMSP 2222, EMSP 2244, EMSP 2252 and EMSP 226V

**3.Effective Date**

Spring 2020

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

Proposing a new course for the Paramedic program. The proposed course, EMSP 2217, would replace BIO 2203 and BIO 2201 as a prerequisite and BIO 2223 and BIO 2221 as a corequisite in the Certificate of Paramedic and the AAS Paramedic program. By removing BIO 2201, BIO 2203, BIO 2223 and BIO 2221, the prerequisite of a grade of C or better must be removed from EMSP 2222, EMSP 2244, EMSP 2252 and EMSP 226V. This would allow students to take the Certificate of Paramedic program for non-college credit, which is what the ambulance agencies provide scholarships for with their employees. This would also allow our students to streamline from the EMT program into the Paramedic program.

**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.* |

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Technical Certificate in Paramedic This program is intended to prepare students for entry-level practice as Paramedic. The resulting certificate will allow the student to test for national certification as a Paramedic. The program includes didactic content, required lab sessions, hospital clinicals and pre-hospital experience, which will prepare competent paramedics in the cognitive, psychomotor and affective learning domains.

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| **Requirements:** |  |
| **Prerequisites** | **Sem. Hrs.** |
| EMS 1041, Introduction to EMS | 1 |
| ~~BIO 2203~~ **~~AND~~** ~~2201, Human Anatomy and Physiology I and Laboratory~~ | ~~4~~ |
| **Sub-total** | **5**1 |
| **Paramedic Requirements** |  |
| ~~BIO 2223~~ **~~AND~~** ~~BIO 2221, Human Anatomy and Physiology II and Laboratory~~ | 4 |
| ***EMSP 2217 Anatomy and Physiology for Paramedics with lab*** | 7 |
| EMSP 2222, Cardiac Dysrhythmias | 2 |
| EMSP 2233, Patient Assessment and Airway Management | 3 |
| EMSP 2314, Medical Emergencies I | 4 |
| EMSP 2252, Paramedic Clinical I (90 hours) | 2 |
| EMSP 226V, Field Experience I (67 hours) | 1.5 |
| EMSP 2314, Medical Emergencies II | 4 |
| EMSP 2323, Traumatic Injuries | 3 |
| EMSP 2333, Shock and Resuscitation | 3 |
| EMSP 2352, Paramedic Clinical II (90 hours) | 2 |
| EMSP 236V, Paramedic Field Experience II (67 hours) | 1.5 |
| EMSP 2412, Special Populations | 2 |
| EMSP 2424, Emergency Management | 4 |
| EMSP 243V, Paramedic Clinical III (67 hours) | 1.5 |
| EMSP 2242, Paramedic Field Experience III (90 hours) | 2 |
| EMSP 2457, Paramedic Field Internship (315 hours) | 7 |
| **Sub-total** | **~~46.5~~ 49.5** |
| **Total Required Hours** | **~~51.5~~ 50.5** |

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Major in Paramedic

Associate of Applied Science

A complete degree plan is available at <https://www.astate.edu/info/academics/degrees/>

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| **University Requirements:** |  |
| See University General Requirements for Associate degrees (p. 43) |  |
| **General Education Requirements:**  Grade of “C” or better required for all General Education Requirements, including prerequisites. | **Sem. Hrs.** |
| See General Education Curriculum for Associate of Applied Science Degrees (p. 80)  Students with this major must take the following: MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite ~~BIO 2203 AND BIO 2201, Human Anatomy and Physiology I and Laboratory~~ | 19 |
| **Prerequisite Requirements:** |  |
| EMS 1041 Introduction to EMS | 1 |
| **Major Requirements** |  |
| ~~BIO 2223~~ **~~AND~~** ~~BIO 2221, Human Anatomy and Physiology II and Laboratory~~ | ~~4~~ |
| ***EMSP 2217 Anatomy and Physiology for Paramedics with lab*** | 7 |
| EMSP 2222, Cardiac Dysrhythmias | 2 |
| EMSP 2233, Patient Assessment and Airway Management | 3 |
| EMSP 2314, Medical Emergencies I | 4 |
| EMSP 2252, Paramedic Clinical I (90 hours) | 2 |
| EMSP 226V, Field Experience I (67 hours) | 1.5 |
| EMSP 2314, Medical Emergencies II | 4 |
| EMSP 2323, Traumatic Injuries | 3 |
| EMSP 2333, Shock and Resuscitation | 3 |
| EMSP 2352, Paramedic Clinical II (90 hours) | 2 |
| EMSP 236V, Paramedic Field Experience II (67 hours) | 1.5 |
| EMSP 2412, Special Populations | 2 |
| EMSP 2424, Emergency Management | 4 |
| EMSP 243V, Paramedic Clinical III (67 hours) | 1.5 |
| EMSP 2242, Paramedic Field Experience III (90 hours) | 2 |
| EMSP 2457, Paramedic Field Internship (315 hours) | 7 |
| **Sub-total** | **~~46.5~~ 49.5** |
| **Total Required Hours** | **~~66.5~~ 69.5** |

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**Emergency Medical Services (EMSP)**

***EMSP 2217. Anatomy and Physiology for Paramedics with Lab. Describes the structure and function of molecules, cells, tissues, organ systems and their association with health and disease. Demonstrates an understanding of pathophysiology and disease processes.******Prerequisite, Admission to the Paramedic program. Spring.***

**EMSP 2222. Cardiac Dysrhythmias** Application of fundamental knowledge of cardiac dysrhythmias and 12 Lead EKG performance and interpretation. Development of proficiency in the associated psychomotor skills related to these topics. Prerequisites: Admission to the AAS in Paramedic or Technical Certificate in Paramedic~~; Grade of C or better in BIO 2203 and BIO 2201.~~ Fall, Spring, Summer.

**EMSP 2244. Medical Emergencies I** Application of fundamental knowledge of respiratory, cardiovascular, neurological, abdominal, gastrointestinal, genitourinary, and renal emergencies and diseases of the eyes, ears, nose and throat. Development of proficiency in the associated psychomotor skills related to these topics. Prerequisite: Admission to the AAS in Paramedic or Technical Certificate in Paramedic; ~~Grade of C or better in BIO 2203 and BIO 2201~~. Fall, Spring, Summer.

**EMSP 2252. Paramedic Clinical I** Supervised experience in a hospital to develop proficiency and sound clinical judgment for patient assessment, management of care, and required paramedic psychomotor skills. Requires 90 clock hours of patient care. Prerequisites: Admission to the AAS in Paramedic or Technical Certificate in Paramedic; ~~Grade of C or better in BIO 2203 and BIO 2201~~. Fall, Spring, Summer.

**EMSP 226V. Paramedic Field Experience I** Supervised experience in an ambulance to develop proficiency and sound clinical judgment for patient assessment, management of care, and required paramedic psychomotor skills. Requires 67 clock hours of patient care. Prerequisites: Admission to the AAS in Paramedic or Technical Certificate in Paramedic~~; Grade of C or better in BIO 2203 and BIO 2201~~. Fall, Spring, Summer.

**EMSP 2314. Medical Emergencies II** Application of fundamental knowledge of endocrine, hematologic, immunologic, infectious, and toxicology and psychiatric emergencies. Development of proficiency in the associated psychomotor skills related to these topics. Prerequisites: Grade of C or better in EMSP 2222, 2233, 2244, 2252 and 226V. Fall, Spring, Summer.