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| For Academic Affairs and Research Use Only |
| Proposal Number | NHP42 |
| CIP Code:  |  |
| Degree Code: |  |

**PROGRAM MODIFICATION FORM**

**[X] Undergraduate Curriculum Council**

**[ ] Graduate Council**

|  |
| --- |
| **Modification Type: [ ]Admissions, [X]Curricular Sequence, or [ ]Other**  |

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

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| Dr. Amy Hyman | 3/16/22 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| --- | --- |
| Dr. Joseph Richmond | 3/18/22 |

**Department Chair**  |

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| --- | --- |
| Sara Walker, MS, NRP | 3/18/22 |

**Head of Unit (if applicable)**   |
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| Shanon Brantley | 3/25/2022 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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**Director of Assessment** *(only for changes impacting assessment)* |

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**Graduate Curriculum Committee Chair** |
| Scott E. Gordon 3/25/22**College Dean** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Vice Chancellor for Academic Affairs** |
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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**General Education Committee Chair (if applicable)**   |  |

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

Sara Walker, sawalker@astate.edu, 870-680-8286

1. **Proposed Change** (for undergraduate curricular changes please provide an 8-semester plan (appendix A), if applicable)

Changes are as follows:

Changes to the Associate of Applied Science Paramedic

* Delete EMSP 2333 Shock & Resuscitation
* Delete EMSP 2424 Emergency Management
* Delete EMSP 2442 Field Experience III
* Modify (decrease credit hours) EMSP 2217
* Modify (decrease credit hours) EMSP 2244
* Modify (decrease credit hours) EMSP 2261
* Modify (decrease credit hours) EMSP 2314
* Modify (decrease credit hours) EMSP 2431
* Create new course EMSP 2223
* Create new course EMSP 2422
* Create new course EMSP 2432
1. **Effective Date**

Fall 2022

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

There are several changes being made to the paramedic program. There are 3 courses being deleted and 3 courses created and added to the paramedic curriculum. There are also course modifications being made to 5 courses.

The changes being made to the paramedic program will bring the program to where it needs to be. Over the years, we have noted deficiencies and the lack of needed content within the program. We have added courses that have proven to be the most difficult subjects for the paramedic student throughout their program. These new courses will improve their knowledge and better prepare them for the national certification exam and in the field as new paramedics. All course modifications were based on national certification exam results and research studies showing the content areas that paramedic students struggle the most in. The changes in the curriculum will also bring the credit hours to 42.5, which will in turn bring the AAS Paramedic to 61.5 hours, where it should be.

**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. Please include a before (with changed areas highlighted) and after of all affected sections.** **\*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.**  |

**BEFORE:**

Page 350 – Before

**Emergency Medical Services**

Assistant Professor Sara Walker, Program Director

Emergency Medical Services programs are offered to ensure entry-level and competent Emergency Medical Technicians and Paramedics in the cognitive, psychomotor, and affective learning domains. Multiple options for completion of these programs exist: The Certificate of Proficiency in Emergency Medical Technician-Basic (EMT-Basic), an Emphasis in EMT-Basic within the AAS of Disaster Preparedness & Emergency Management (DPEM), a Technical Certificate in Paramedic or an AAS in Paramedic. Students successfully completing these programs, with a grade of C or better in all courses, will be eligible to sit for the National Registry examination to become a licensed EMS provider. These programs have an emphasis on emergent pre-hospital care as well as emergency care in the hospital. The EMT-Basic requires ~~12~~ 11 hours of specific courses and the Paramedic contains ~~50.5~~ 42.5 credit hours of specific courses. All students will enter as degree seeking in the AAS in Paramedic or the AAS in DPEM-EMT Emphasis and may earn the Technical Certificate in EMT or Technical Certificate in Paramedic enroute to the AAS in Paramedic. Those wishing to complete the full AAS in Paramedic or the Emphasis in DPEM will also complete the general education requirements for AAS degrees. All courses integrate lecture and lab in a seamless fashion. Clinical and field experiences are at medical centers, specialty clinics or hospitals and ambulance services

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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/

|  |  |
| --- | --- |
| **University Requirements** |  |
| See University General Requirements for Associate degrees (p. 46) |  |
| **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 | 19 |
| **Prerequisite Requirements:** | **Sem. Hrs.** |
| ~~EMS 1041, Introduction to EMS~~ | ~~1~~ |
| **Major Requirements:** | **Sem. Hrs.** |
| EMSP ~~2217~~ 2214, Anatomy and Physiology for Paramedics with Lab | ~~7~~ 4 |
| EMSP 2222, Cardiac Dysrhythmias | 2 |
| EMSP 2223, Paramedic Pharmacology | 3 |
| EMSP 2233, Patient Assessment and Airway Management | 3 |
| EMSP ~~2244~~ 2243, Medical Emergencies I  | ~~4~~ 3 |
| EMSP 2252, Paramedic Clinical I (90 hours) | 2 |
| EMSP ~~226V~~2261, Paramedic Field Experience I (~~67~~ 45 hours) | ~~1.5~~ 1 |
| EMSP 2314, Medical Emergencies I | 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 2422 EMS Operations | 2 |
| EMSP 2432 National Registry of Emergency Medical Technicians Prep Course | 2 |
| EMSP ~~243V.~~ 2431, Paramedic Clinical III (~~67~~ 45 hours) | ~~1.5~~ 1 |
| ~~EMSP 2242, Paramedic Field Experience III (90 hours)~~ | ~~2~~ |
| EMSP 2457, Paramedic Field Internship (315 hours) | 7 |
| **Sub-total** | ~~49.5~~ 42.5 |
| **Total Required Hours:** | ~~69.5~~ 61.5 |

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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. This certificate is to be completed for-credit, enroute to the AAS in Paramedic or for non-credit on a case-by-case basis.

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| **Requirements:** |  |
| **Prerequisite**  | **Sem. Hrs.** |
| ~~EMS 1041, Introduction to EMS~~ | ~~1~~ |
| **Sub-total** |  |
| **Paramedic Requirements:** | **Sem. Hrs.** |
| EMSP ~~2217~~ 2214, Anatomy and Physiology for Paramedics with Lab | ~~7~~ 4 |
| EMSP 2222, Cardiac Dysrhythmias | 2 |
| EMSP 2223, Paramedic Pharmacology | 3 |
| EMSP 2233, Patient Assessment and Airway Management | 3 |
| EMSP ~~2244~~ 2243, Medical Emergencies I  | ~~4~~ 3 |
| EMSP 2252, Paramedic Clinical I (90 hours) | 2 |
| EMSP ~~226V~~2261, Paramedic Field Experience I (~~67~~ 45 hours) | ~~1.5~~ 1 |
| EMSP 2314, Medical Emergencies I | 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 2422 EMS Operations | 2 |
| EMSP 2432 National Registry of Emergency Medical Technicians Prep Course | 2 |
| EMSP ~~243V.~~ 2431, Paramedic Clinical III ~~(67~~ 45 hours) | ~~1.5~~ 1 |
| ~~EMSP 2242, Paramedic Field Experience III (90 hours)~~ | ~~2~~ |
| EMSP 2457, Paramedic Field Internship (315 hours) | 7 |
| **Total Required Hours:** | ~~49.5~~ 42.5 |

Page 508 - Before:

**EMSP ~~2217~~ 2214. Anatomy and Physiology for Paramedics with Lab**. Demonstrates 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 AAS in Paramedic or Technical Certificate in Paramedic. Fall, Spring, Summer.

**EMSP 2223. Paramedic Pharmacology.** Emergency pharmacology, pharmacokinetics, and pharmacodynamics. This course will include laws affecting the use and distribution of medications, dosing, clinical calculations, routes of administration and discussion of common medication classifications, to include indications, contraindications, and side effects. Prerequisites, Admission to Technical Certificate of Paramedic or AAS of Paramedic. Fall, Spring, Summer.

**~~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. Fall, Spring, Summer.~~

**EMSP 2233. Patient Assessment and Airway Management.** Application of fundamental paramedic knowledge of causes and pathophysiology in patient assessment and airway management. Development of proficiency in the associated psychomotor skills related to these topics. Prerequisite, Admission to the AAS in Paramedic or Technical Certificate in Paramedic. Fall, Spring, Summer.

**EMSP ~~2244~~ 2243. Medical Emergencies I.** Application of fundamental knowledge of respiratory, cardiovascular, neurological, abdominal, gastrointestinal, genitourinary, and renal emergencies. Development of proficiency in the associated psychomotor skills related to these topics. Prerequisite, Admission to the AAS in Paramedic or Technical Certificate in Paramedic.

**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. Fall, Spring, Summer.

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**EMSP ~~226V~~ 2261. 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~~ 45 clock hours of patient care. Prerequisite, Admission to the AAS in Paramedic or Technical Certificate in Paramedic. Fall, Spring, Summer.

**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, Grade of C or better in EMSP 2233, 2243, 2252 and 2261. 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~~ 2243, 2252 and ~~226V~~ 2261. Fall, Spring, Summer.

**EMSP 2323. Traumatic Injuries.** Application of fundamental knowledge of traumatic injuries involving soft-tissue, burns, face/neck, head/spine, chest, abdomen, orthopaedic and knowledge of environmental injuries. Development of proficiency in the associated psychomotor skills related to these topics. Prerequisites, Grade of C or better in EMSP ~~2222~~, 2233, ~~2244~~ 2243, 2252 and ~~226V~~ 2261. Fall, Spring, Summer.

**~~EMSP 2333. Shock and Resuscitation~~** ~~Application of fundamental paramedic knowledge of causes and pathophysiology into the management of cardiac arrest and pre-arrest states and the management of shock. 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.~~

**EMSP 2352. Paramedic Clinical II.** Supervised experience in a hospital to develop further proficiency and sound clinical judgment for patient assessment, management of care, and required paramedic psychomotor skills. Requires 90 clock hours of patient care. Prerequisites, Grade of C or better in EMSP ~~2222~~, 2233, ~~2244~~ 2243, 2252 and ~~226V~~ 2261. Fall, Spring, Summer.

**EMSP 236V. Paramedic Field Experience II.** Supervised experience in an ambulance to further 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, Grade of C or better in EMSP ~~2222~~, 2233, ~~2244~~ 2243, 2252 and ~~226V~~ 2261. Fall, Spring, Summer.

**EMSP 2412. Special Populations** Application of fundamental paramedic knowledge to the special populations of: pregnant women, newborns, toddlers, school-age children, adolescents, geriatric patients and patients with special challenges. Development of proficiency in the associated psychomotor skills related to these populations. Prerequisites, Grade of C or better in EMSP 2222, 2314, 2323, ~~2333~~, 2352 and 236V. Fall, Spring, Summer.

**~~EMSP 2424. Emergency Management~~** ~~Application of incident management principles for disasters and emergencies involving transport of victims, vehicle extrication and special rescue, mass casualties, hazardous materials, terrorism and crime scenes. Development of proficiency in psychomotor skills related to these disaster operations. Prerequisites, Grade of C or better in EMSP 2314, 2323, 2333, 2352 and 236V. Fall, Spring, Summer.~~

**EMSP 2432. National Registry of Emergency Medical Technician Prep Course (NREMT Prep Course).** Review and preparation in standards of paramedic emergency care at the state and national levels. Includes developing testing skills and questions related to assessment, analysis, intervention or evaluation. Also includes each component of the Paramedic National Standards Curriculum. Prerequisites, Admission to Technical Certificate of Paramedic or AAS of Paramedic. Grade of C or better in EMSP 2222, 2314, 2323, 2352 and 2261. Fall, Spring, Summer.

**EMSP 2422. EMS Operations.** Operational knowledge and skills needed for safe and effective patient care within the paramedic’s scope of practice. Content areas include: research, illness and injury prevention, medical-legal-ethical issues, medical terminology, ambulance operations, and incident command rescue operations.Prerequisites, Grade of C or better in EMSP 2222, 2261, 2314, 2323, and 2352. Admission to the Technical Certificate of Paramedic or AAS of Paramedic Fall, Spring, Summer.

**EMSP ~~243V~~ 2431. Paramedic Clinical III.** Supervised experience in a hospital to develop further proficiency and sound clinical judgment for patient assessment, management of care, and required paramedic psychomotor skills. Requires ~~67~~ 45 clock hours of patient care. Prerequisites, Grade of C or better in EMSP 2222, 2314, 2323, ~~2333~~, 2352 and ~~226V~~ 2261. Fall, Spring, Summer.

**~~EMSP 2442. Paramedic Field Experience III~~** ~~Supervised experience in an ambulance to further 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, Grade of C or better in EMSP 2314, 2323, 2333, 2352, 236V. Fall, Spring, Summer.~~

**EMSP 2457. Paramedic Field Internship.** Capstone developing further ability to perform lead paramedic functions in pre-hospital environment. 315 clock hours of patient care and 50 team lead patient encounters. Develop proficiency in clinical judgment for patient assessment, management of care, and in psychomotor skills. Prerequisites, Grade of C or better in EMSP 2222, 2314, 2323, ~~2333~~, 2352 and 236V. Fall, Spring, Summer.

**AFTER:**

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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. 46) |  |
| **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 | 19 |
| **Major Requirements:** | **Sem. Hrs.** |
| EMSP 2214, Anatomy and Physiology for Paramedics with Lab | 4 |
| EMSP 2222, Cardiac Dysrhythmias | 2 |
| EMSP 2223, Paramedic Pharmacology | 3 |
| EMSP 2233, Patient Assessment and Airway Management | 3 |
| EMSP 2243, Medical Emergencies I  | 3 |
| EMSP 2252, Paramedic Clinical I (90 hours) | 2 |
| EMSP 2261, Paramedic Field Experience I (45 hours) | 1 |
| EMSP 2314, Medical Emergencies I | 4 |
| EMSP 2323, Traumatic Injuries | 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 2422 EMS Operations | 2 |
| EMSP 2431, Paramedic Clinical III (45 hours) | 1 |
| EMSP 2432. National Registry of Emergency Medical Technician Prep Course (NREMT Prep Course). | 2 |
| EMSP 2457, Paramedic Field Internship (315 hours) | 7 |
| **Sub-total** | 42.5 |
| **Total Required Hours:** | 61.5 |

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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. This certificate is to be completed for-credit, enroute to the AAS in Paramedic or for non-credit on a case-by-case basis.

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| **Requirements:** |  |
| **Paramedic Requirements:** | **Sem. Hrs.** |
| EMSP 2214, Anatomy and Physiology for Paramedics with Lab | 4 |
| EMSP 2222, Cardiac Dysrhythmias | 2 |
| EMSP 2223, Paramedic Pharmacology | 3 |
| EMSP 2233, Patient Assessment and Airway Management | 3 |
| EMSP 2243, Medical Emergencies I  | 3 |
| EMSP 2252, Paramedic Clinical I (90 hours) | 2 |
| EMSP 2261, Paramedic Field Experience I (45 hours) | 1 |
| EMSP 2314, Medical Emergencies II | 4 |
| EMSP 2323, Traumatic Injuries | 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 2432. National Registry of Emergency Medical Technician Prep Course (NREMT Prep Course). | 2 |
| EMSP 2422 EMS Operations | 2 |
| EMSP 2431, Paramedic Clinical III (45 hours) | 1 |
| EMSP 2457, Paramedic Field Internship (315 hours) | 7 |
| **Total Required Hours:** | 42.5 |

Page 508 – After:

**EMSP 2214 Anatomy and Physiology for Paramedics with Lab**. Demonstrates 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 AAS in Paramedic or Technical Certificate in Paramedic. Fall, Spring, Summer.

**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, Grade of C or better in EMSP 2233, 2243, 2252 and 2261. Fall, Spring, Summer.

**EMSP 2223. Paramedic Pharmacology.** Emergency pharmacology, pharmacokinetics, and pharmacodynamics. This course will include laws affecting the use and distribution of medications, dosing, clinical calculations, routes of administration and discussion of common medication classifications, to include indications, contraindications, and side effects. Prerequisites, Admission to Technical Certificate of Paramedic and AAS of Paramedic. Fall, Spring, Summer.

**EMSP 2233. Patient Assessment and Airway Management.** Application of fundamental paramedic knowledge of causes and pathophysiology in patient assessment and airway management. Development of proficiency in the associated psychomotor skills related to these topics. Prerequisite, Admission to the AAS in Paramedic or Technical Certificate in Paramedic. Fall, Spring, Summer.

**EMSP 2243. Medical Emergencies I.** Application of fundamental knowledge of respiratory, cardiovascular, neurological, abdominal, gastrointestinal, genitourinary, and renal emergencies. Development of proficiency in the associated psychomotor skills related to these topics. Prerequisite, Admission to the AAS in Paramedic or Technical Certificate in Paramedic .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. Prerequisite, Admission to the AAS in Paramedic or Technical Certificate in Paramedic. Fall, Spring, Summer.

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**EMSP 2261. 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 45 clock hours of patient care. Prerequisite, Admission to the AAS in Paramedic or Technical Certificate in Paramedic. 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 2233, 2243, 2252 and 2261. Fall, Spring, Summer.

**EMSP 2323. Traumatic Injuries.** Application of fundamental knowledge of traumatic injuries involving soft-tissue, burns, face/neck, head/spine, chest, abdomen, orthopaedic and knowledge of environmental injuries. Development of proficiency in the associated psychomotor skills related to these topics. Prerequisites, Grade of C or better in EMSP 2233, 2243, 2252 and 2261. Fall, Spring, Summer.

**EMSP 2352. Paramedic Clinical II**. Supervised experience in a hospital to develop further proficiency and sound clinical judgment for patient assessment, management of care, and required paramedic psychomotor skills. Requires 90 clock hours of patient care. Prerequisites, Grade of C or better in EMSP 2233, 2243, 2252 and 2261. Fall, Spring, Summer.

**EMSP 236V. Paramedic Field Experience II.** Supervised experience in an ambulance to further develop proficiency and sound clinical judgment for patient assessment, management of care, and required paramedic psychomotor skills. Requires 45 clock hours of patient care. Prerequisites, Grade of C or better in EMSP 2233, 2243, 2252 and 2261. Fall, Spring, Summer.

**EMSP 2412. Special Populations.** Application of fundamental paramedic knowledge to the special populations of: pregnant women, newborns, toddlers, school-age children, adolescents, geriatric patients and patients with special challenges. Development of proficiency in the associated psychomotor skills related to these populations. Prerequisites, Grade of C or better in EMSP 2222, 2314, 2323, 2352 and 236V. Fall, Spring, Summer.

**EMSP 2422. EMS Operations.** Operational knowledge and skills needed for safe and effective patient care within the paramedic’s scope of practice. Content areas include: research, illness and injury prevention, medical-legal-ethical issues, medical terminology, ambulance operations, and incident command rescue operations.Prerequisites, Grade of C or better in EMSP 2222, 2261, 2314, 2323, and 2352. Admission to the Technical Certificate of Paramedic or AAS of Paramedic. Fall, Spring, Summer.

**EMSP 2431. Paramedic Clinical III**. Supervised experience in a hospital to develop further proficiency and sound clinical judgment for patient assessment, management of care, and required paramedic psychomotor skills. Requires 45 clock hours of patient care. Prerequisites, Grade of C or better in EMSP 2222, 2314, 2323, 2352 and 2261. Fall, Spring, Summer.

**EMSP 2432. National Registry of Emergency Medical Technicians Prep Course (NREMT Prep Course).** Review and preparation in standards of paramedic emergency care at the state and national levels. Includes developing testing skills and questions related to assessment, analysis, intervention or evaluation. Also includes each component of the Paramedic National Standards Curriculum. Prerequisites, Grade of C or better in EMSP 2222, 2314, 2323, 2352 and 2261. Admission to Technical Certificate of Paramedic or AAS of Paramedic. Fall, Spring, Summer.

**EMSP 2457. Paramedic Field Internship.** Capstone developing further ability to perform lead paramedic functions in pre-hospital environment. 315 clock hours of patient care and 50 team lead patient encounters. Develop proficiency in clinical judgment for patient assessment, management of care, and in psychomotor skills. Prerequisites, Grade of C or better in EMSP 2222, 2314, 2323, 2352 and 236V. Fall, Spring, Summer.

**Appendix A, 8-Semester Plan**

(**Referenced in #2** - **Undergraduate Proposals Only)**

*Instructions: Please identify new courses in italics*.

|  |
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|  **Arkansas State University-Jonesboro** **Degree: AAS** **Major: Paramedic** **Year: 2022-2023** |
| Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper division credit (3000-4000 level) is required for this degree. |
| **Year 1** |  | **Year 1** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| ENG 1003 | COMPOSITION 1 | 3 |  |  | ENG 1013 | COMPOSITION II | 3 |  |
| MATH 1023 | COLLEGE ALGEBRA | 3 |  |  | HIST 2763 | THE US SINCE 1876 | 3 |  |
| BIOL 1003 | BIOLOGICAL SCIENCE | 3 |  |  |  |  |  |  |
| BIOL 1001 | BIOLOGICAL SCIENCE LAB | 1 |  |  |  |  |  |  |
| CS 1013 | INTRO TO COMPUTERS | 3 |  |  |  |  |  |  |
| **Total Hours** |  | 13 |  |  | **Total Hours** |  | 6 |  |
| **Year 2** |  | **Year 2** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| EMSP 2214 | A&P FOR PARAMEDICS WITH LAB | 4 |  |  | EMSP 2222 | CARDIAC DYSRHYTHMIAS | 2 |  |
| EMSP 2223 | PARAMEDIC PHARMACOLOGY | 3 |  |  | EMSP 2314 | MEDICAL EMERGENCIES II | 4 |  |
| EMSP 2233 | PATIENT ASSESSMENT & AIRWAY MGMT | 3 |  |  | EMSP 2323 | TRAUMATIC INJURIES | 3 |  |
| EMSP 2243 | MEDICAL EMERGENCIES I | 3 |  |  | EMSP 2352 | PARAMEDIC CLINICAL II | 2 |  |
| EMSP 2252 | PARAMEDIC CLINICAL | 2 |  |  | EMSP 2361.5 | FIELD EXPERIENCE II | 1.5 |  |
| EMSP 2261 | PARAMEDIC FIELD EXPERIENCE I | 1 |  |  |  |  |  |  |
| **Total Hours** |  | 16 |  |  | **Total Hours** |  | 12.5 |  |
| **Year 3** |  | **Year 3** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| EMSP 2412 | SPECIAL POPULATIONS | 2 |  |  |  |  |  |  |
| EMSP 2432 | NREMT PREP COURSE | 2 |  |  |  |  |  |  |
| EMSP 2422 | EMS OPERATIONS | 2 |  |  |  |  |  |  |
| EMSP 2431 | PARAMEDIC CLINICAL III | 1 |  |  |  |  |  |  |
| EMSP 2457 | FIELD INTERNSHIP | 7 |  |  |  |  |  |  |
| **Total Hours** |  | 14 |  |  | **Total Hours** |  |  |  |
| **Year 4** |  | **Year 4** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
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| **Total Hours** |  |  |  |  | **Total Hours** |  |  |  |
| **Total Jr/Sr Hours \_0\_\_ Total Degree Hours \_\_61.5\_** |
| **Graduation Requirements:** |