# **REAL Curriculum Program Alignment Proposal**

Department or Sc	chool:	RUC – Clinical Health Professions / Emergency Services	Date:	1/15/202	1
Degree type: 🛛 🛭	⊠BS □	BA □BBA □BSN □BM □BFA □BSW □Minor □	Certific	cate	
Program: B	Bachelo	or of Science Emergency Services – Degree Comp	oletion	Track	
REAL Area Progra	ram De	signation Sought (check all that apply):	IR ⊠	IE ⊠A	
Dept/School Cont	tact: [	Dr. John Cook, <u>icook85@radford.edu</u> 540-400-35	536		
BS/BA Requireme	ents:				

- Any degree program that fulfills a REAL area must include at least 9 unique credit hours for each area covered. At least 3 of these 9 credit hours must be at the 300 level or above
- A single major degree program may fulfill no more than three REAL areas for any one student, unless all four REAL areas are fulfilled by accreditation or licensure requirements.
- A single minor or certificate degree program may fulfill no more than two REAL areas.
- Degree program may cover up to two REAL areas using a single prefix.
- All courses documenting the coverage of a REAL area must fulfill all learning outcomes and be designated in that area.
- All courses that document fulfillment of a REAL area within a degree program of study are NOT
  required to be taught by the department/school. However, departments/schools are expected to
  formally communicate with other departments about reliance on and inclusion of courses in their
  degree program plans of study. Indicate this through signature of chair or director of the
  partnering department or school in the areas below.
- Departments or schools that seek to fulfill REAL areas must acknowledge assessment requirements for those areas. Assessment of degree seeking students is required to be conducted yearly by the department or school offering the degree program.
- If departments or schools want to use a menu of courses to fulfill a particular area, please duplicate the sections below for each REAL area and include information for each course included in the menu of options.
- Please save this file for submission as PROGRAM NAME\_ProgramType.docx (Example: Criminal Justice\_BS.docx)

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Dept/School Signature	Date:

# Official Program Description:

#### Mission

The Emergency Services Program at Radford University Carilion develops highly qualified and innovative leaders in the field by creating an immersive, people-centered culture of evidence-based practice, advocacy, research, professional excellence, and life-long learning.

The mission of the Paramedic education component of the Emergency Services Program is to prepare competent entry-level Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

# Goals/Outcomes

Graduates of the Bachelor of Science in Emergency Services program will be able to

- 1. provide care to patients of all age groups and ethnicities,
- 2. advocate for patients,
- 3. serve in a designated National Incident Management System (NIMS) command or staff position during incident operations,
- 4. communicate effectively on an interprofessional team and with peers,
- 5. analyze data and assess findings to formulate an appropriate plan of action,
- 6. mitigate the hazard level of an incident scene,
- 7. assess the need for and propose appropriate fire, injury, and/or illness prevention strategies,
- 8. evaluate emergency services related research,
- 9. exhibit caring, culturally competent behaviors in the delivery of services,
- 10. value life-long professional development,
- 11. participate in research processes in an emergency services organization

#### Accreditation

#### National Accreditation

The Emergency Services program is accredited by the Commission on Accreditation of Allied Health Education Programs (*www.caahep.org*) upon the recommendation of the Committee on Accreditation for Emergency Medical Services Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs 131 Park Street Clearwater, FL 33763 727-210-2350 www.caahep.org Committee on Accreditation for Emergency Medical Services Professions 8301 Lakeview Parkway
Suite 111 - 312
Rowlett, TX 75099
Phone 214-703-8445
www.coaemsp.org

#### State Accreditation

The program is also accredited by the

Virginia Department of Health,
Office of Emergency Medical Services (VAOEMS)
1041 Technology Park Drive
Glen Allen, VA 23059-4500
Phone 804-888-9120

# Background

The Bachelor of Science Degree in Emergency Services (BSES) prepares graduates for entry level practitioner and management positions in the field of emergency services. The Emergency Services profession has experienced dynamic changes since September 11, 2001. These changes have placed an increased emphasis on a well-educated and prepared workforce to meet the needs of both traditional and all-hazards responses. The program meets these challenges by providing a well-rounded core of general education courses and allows students to customize their plans of study to fit long-term career goals. Students enjoy a perfect blend of classroom, laboratory, clinical and field internship experiences in pursuit of their degree. The College offers three tracks to the BSES.

- The Firefighter / Paramedic Track prepares students for management and leadership positions in the fire and emergency medical services (EMS) professions. Graduates will be eligible to sit for the national paramedic credentialing exam and complete numerous fire certifications. This track is offered on-campus only.
- The Critical Care / Paramedic Track prepares students for management and leadership positions in critical care ground and air transport services as well as non-fire service based EMS agencies. Graduates will be eligible to sit for the national paramedic credentialing exam (NRP), Certified Flight Paramedic (FP-C), and the Certified Critical Care Paramedic (CCP-C). This track is offered on-campus only.
- The **Degree Completion Track** is designed for students that are already working in the field of emergency services and are looking to take their career to the next level. Students looking to enter this track should already have some college experience and may receive institutional credit for already possessing a national paramedic credential (NRP). This track is offered 100% online for those that qualify

Bachelor of Science in Emergency Services
Degree Completion Track

Effective Fall, 2021
\*\*Track is offered 100%
online\*\*

#### Notes:

- A. Students who have completed of a VCCS Transferable Associate Degree (see additional information in the Radford University Transfer Guide) will satisfy all requirements for the REAL Curriculum.
- B. Students who have not completed one of these approved transfer associate degrees but have at least 60 approved transfer credit hours and at least 3 credit hours in each of the REAL areas (R, E, A, and L) are only required to complete a major, minor or certificate that fulfills at least one area of the REAL Curriculum. If students are missing any 3 credit hour requirements in the REAL areas, those courses may be taken at Radford University to complete general education requirements.
- C. This Plan of Study covers the "R," "E," and "A" areas of the REAL curriculum.
- D. Applicants holding valid certification from the National Registry of EMTs at the Paramedic level are eligible to receive 42 credits through the "Credit by Exam" process.

# Required for Admission to the Program Previous Coursework 42 Requirements (or equivalent) Beyond Program Requirements Foundational Writing 3 Foundational Math 3 Electives 16

Total 22

### Semester 1: Fall

Prefix	Course Title	Credits
PHIL 112 / E	Foundations of Ethics	3
STAT 130, 200 / R	STAT 130 or STAT 200	3
ESID 110	Foundations of Evidence Based Practice	1
HSCI 300 / R	Foundations of Healthcare Research	3
ENGL 112 / E / WI <u>OR</u>	Critical Reading and Writing in the Digital Age	3

		01/14/2020
PHIL 213 / E	Critical Reasoning and Argumentation Semester Tota	13
Semester 2: Spring		
Prefix	Course Title	Credits
ESID 390	Political & Legal Foundations of Emergency Services	3
ESID 245 / R / WI	Introduction to Emergency Services Research	3
ESID 375 / L	Introduction to Emergency Management	3
PHIL 320, 330 or 350 /E	PHIL "E" Elective	3
	Elective	3
	Semester Tota	15
Semester 3: Fall		
Prefix	Course Title	Credits
ESID 431 / L / PPD	Senior Practicum Proposal	3
ESID 425 / L	Personnel Management in ES	3
ESID 360	Educational Methods for Emergency Services	3
SOCY 110 / A	Introduction to Sociology	3
PSYC 121 / A	Introduction to Psychology	3
	Semester Tota	15
Semester 4: Spring		
Prefix	Course Title	Credits
ESID 490 / L	Senior Practicum	3
ESID 440 / A/ WI	Current Issues in Emergency Services	3
ESID 480 / L	Emergency Services Administration	3
(L) Elective	(L) Elective	3
	ES Elective 300/400	3
	Semester Tota	15
	Program Tota	122

# SCIENTIFIC AND QUANTITATIVE REASONING

	<del>,</del>
R Area:	Is this course required or an elective for your degree program? ☐ Required ☐ Elective
Course Prefix: STAT	Is this course offered within your dept/school? ☐ Yes ☒ No
Course Number: 130	If no, collaborating dept/school must also complete the remaining elements, and must sign below.
Course Title: Understanding	
Statistics in Society	Course Rotation: ☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)
Credit Hours: 3	
New course: ☐ Yes ☒ No	Intended Frequency: ⊠ Every academic year □ Every semester □ Every other year
Revised course: ☐ Yes ☒ No	☐ At least once every three years ☐ Other
Nevisea course. El res El No	
Projected student enrollment	Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if
per academic year:	not offered in dept/school: See email approval
R Area:	Is this course required or an elective for your degree program? ☐ Required ☒ Elective
	Is this course offered within your dept/school? ☐ Yes ☒ No
Course Prefix: STAT	If no, collaborating dept/school must also complete the remaining elements, and must sign below.
Course Number: 200	anno, conaborating depty school must also complete the remaining elements, and must sign below.
Course Title: Introduction to	Course Rotation:   区 Fall Spring □ Intersession □ Other (Explain below)
Statistics	Course Rotation:
Credit Hours: 3	
New course: ☐ Yes ☒ No	Intended Frequency: ☐ Every academic year ☐ Every semester ☐ Every other year
Revised course: ☐ Yes ☒ No	☐ At least once every three years ☐ Other
Projected student enrollment	Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if
per academic year:	not offered in dept/school: See email approval
R Area:	Is this course required or an elective for your degree program? ⊠ Required ☐ Elective
Course Prefix: HSCI	Is this course offered within your dept/school? ☐ Yes ☐ No
Course Number: 300	If no, collaborating dept/school must also complete the remaining elements, and must sign below.
Course Title: Foundations in	
Healthcare Research	Course Rotation: ☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)
Credit Hours: 3	
New course: ☐ Yes        No	Intended Frequency: ⊠ Every academic year □ Every semester □ Every other year
Revised course: ☐ Yes 🗵 No	☐ At least once every three years ☐ Other
Projected student enrollment	Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if
per academic year:	not offered in dept/school: See email approval
R Area:	Is this course required or an elective for your degree program?   ☐ Required ☐ Elective
Course Prefix: ESID	Is this course offered within your dept/school? ⊠ Yes ☐ No
Course Number: 245	If no, collaborating dept/school must also complete the remaining elements, and must sign below.
Course Title: Introduction to	
Emergency Services Research	Course Rotation:  ☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)
Credit Hours: 3	
New course: ☐ Yes ☒ No	Intended Frequency: ⊠ Every academic year □ Every semester □ Every other year
	☐ At least once every three years ☐ Other
Revised course: ☐ Yes ☒ No	Acticast office every times years in other
Due in the district out a resulting out	   Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if
Projected student enrollment	not offered in dept/school:
per academic year:	
R Designated Course Rec	quired within the Program of Study Approved for Inclusion in the General
	please list at least one, can also be listed above but does not need to be)
	prease hist at reast one, can also be listed above but does not need to be
HSCI 300	

#### R Area

Learning Goal: To apply scientific and quantitative reasoning to questions about the natural world, mathematics, or related areas.

Learning Outcome 1: Students apply scientific and quantitative information to test problems and draw conclusions.	Description of learning outcome assessment plan: The plan for assessment of the Bachelor of Science in Emergency Services is to use the university-based assessment that will be developed for REAL studies minors and that a program can opt into. The Bachelor of Science in Emergency Services program plans to opt into the assessment that the university will offer for indirect and direct measures.
Learning Outcome 2: Students evaluate the quality of data, methods, or inferences used to generate scientific and quantitative knowledge.	Description of learning outcome assessment plan: The plan for assessment of the Bachelor of Science in Emergency Services is to use the university-based assessment that will be developed for REAL studies minors and that a program can opt into. The Bachelor of Science in Emergency Services program plans to opt into the assessment that the university will offer for indirect and direct measures.
Additional information for REAL Coun	cil consideration:

# **HUMANISTIC OR ARTISTIC EXPRESSION**

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E Area:	Is this course required or an elective for your degree program? ⊠ Required □ Elective		
Course Prefix: ENGL	Is this course offered within your dept/school? ☐ Yes ☒ No		
Course Number: 112	If no, collaborating dept/school must also complete the remaining elements, and must sign below.		
Course Title: Critical Reading			
and Writing in the Digital Age	Course Rotation: ☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)		
Credit Hours: 3			
New course: ☐ Yes ⊠ No	Intended Frequency: ⊠ Every academic year □ Every semester □ Every other year		
Revised course: ☐ Yes ☒ No	☐ At least once every three years ☐ Other		
Projected student enrollment	Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if		
per academic year:	not offered in dept/school: See email approval		
E Area:	Is this course required or an elective for your degree program? ☒ Required ☐ Elective		
Course Prefix: PHIL	Is this course offered within your dept/school? ☐ Yes ☑ No		
Course Number: 112	If no, collaborating dept/school must also complete the remaining elements, and must sign below.		
Course Title: Introduction:			
Ethics and Society	Course Rotation: ☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)		
Credit Hours: 3			
New course: ☐ Yes        No	Intended Frequency: ⊠ Every academic year □ Every semester □ Every other year		
Revised course: ☐ Yes ☒ No	☐ At least once every three years ☐ Other		
Projected student enrollment	Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if		
per academic year:	not offered in dept/school: See email approval		
E Area:	Is this course required or an elective for your degree program? ☐ Required ☒ Elective		
Course Prefix: PHIL	Is this course offered within your dept/school? ☐ Yes ☒ No		
Course Number: 213	If no, collaborating dept/school must also complete the remaining elements, and must sign below.		
Course Title: Critical Reasoning			
and Argumentation	Course Rotation: ☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)		
Credit Hours: 3			
New course: ☐ Yes	Intended Frequency: ⊠ Every academic year □ Every semester □ Every other year		
Revised course: ☐ Yes ☒ No	☐ At least once every three years ☐ Other		
Projected student enrollment	Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if		
per academic year:	not offered in dept/school: Email approval		
E Area:	Is this course required or an elective for your degree program? ☐ Required ☒ Elective		
Course Prefix: PHIL	Is this course offered within your dept/school? $\square$ Yes $\square$ No		

		01/14/2020
Course Number: 320	If no, collaborating dept/	school must also complete the remaining elements, and must sign below.
Course Title: Philosophy of		
Mind and Metaphysics	Course Rotation:	☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)
Credit Hours: 3		
New course: ☐ Yes        No	Intended Frequency:	☑ Every academic year □ Every semester □ Every other year
Revised course: ☐ Yes 🗵 No		☐ At least once every three years ☐ Other
Projected student enrollment	Signature of collabora	ting chair/director indicating acknowledgement for inclusion and designation if
per academic year:	not offered in dept/sc	hool: Email approval
E Area:	Is this course required	d or an elective for your degree program? □ Required        Elective
Course Prefix: PHIL	Is this course offered	within your dept/school? ☐ Yes
Course Number: 330	If no, collaborating dept/	school must also complete the remaining elements, and must sign below.
Course Title: Theories of		
Knowledge	Course Rotation:	☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)
Credit Hours: 3		
New course: ☐ Yes        No	Intended Frequency:	☑ Every academic year □ Every semester □ Every other year
Revised course: ☐ Yes 🗵 No		☐ At least once every three years ☐ Other
Projected student enrollment	-	ting chair/director indicating acknowledgement for inclusion and designation if
per academic year:	not offered in dept/sc	
E Area:		d or an elective for your degree program? ☐ Required        Elective
Course Prefix: PHIL		within your dept/school? ☐ Yes 🛛 No
Course Number: 350	If no, collaborating dept/	school must also complete the remaining elements, and must sign below.
Course Title: Philosophy of		
Religion	Course Rotation:	☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)
Credit Hours: 3		
New course: ☐ Yes	Intended Frequency:	☑ Every academic year ☐ Every semester ☐ Every other year
Revised course: ☐ Yes ☒ No		☐ At least once every three years ☐ Other
	Signature of collabora	ting chair/director indicating acknowledgement for inclusion and designation if
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Projected student enrollment	_	
per academic year:	not offered in dept/sc	hool: Email approval
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per academic year: E Designated Course Rec	not offered in dept/sc quired within the	hool: Email approval Program of Study Approved for Inclusion in the General

#### E Area: Learning Goal: To explore humanistic or artistic expression through inquiry or creativity. Learning Outcome 1: Description of learning outcome assessment plan: Students demonstrate understanding The plan for assessment of the Bachelor of Science in Emergency of diverse ideas, languages, products, Services is to use the university-based assessment that will be or processes of humanistic inquiry or developed for REAL studies minors and that a program can opt artistic expression. into. The Bachelor of Science in Emergency Services program plans to opt into the assessment that the university will offer for indirect and direct measures. Learning Outcome 2: Students critically Description of learning outcome assessment plan: evaluate, synthesize, or create forms of The plan for assessment of the Bachelor of Science in Emergency human expression or inquiry. Services is to use the university-based assessment that will be developed for REAL studies minors and that a program can opt into. The Bachelor of Science in Emergency Services program plans to opt into the assessment that the university will offer for indirect and direct measures.

Additional information for REAL Council consideration:	

# CULTURAL OR BEHAVIORAL ANALYSIS

COLIGINAL ON BEIN WICH	71271117121313			
A Area:	Is this course required	l or an elective for your degree program? ⊠ Required □ Elective		
Course Prefix: PSYC	Is this course offered within your dept/school? ☐ Yes ☒ No			
Course Number: 121	If no, collaborating dept/school must also complete the remaining elements, and must sign below.			
Course Title: Introductory				
Psychology	Course Rotation:	☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)		
Credit Hours: 3				
New course: ☐ Yes        No	Intended Frequency:	☑ Every academic year ☐ Every semester ☐ Every other year		
Revised course: ☐ Yes       No		$\square$ At least once every three years $\square$ Other		
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Projected student enrollment	_	ting chair/director indicating acknowledgement for inclusion and designation if		
per academic year:	· ·	hool: See email approval		
A Area:		l or an elective for your degree program? ⊠ Required ☐ Elective		
Course Prefix: SOCY		within your dept/school? ⊠ Yes □ No		
Course Number: 110	If no, collaborating dept/	school must also complete the remaining elements, and must sign below.		
Course Title: Introduction to				
Sociology	Course Rotation:	☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)		
Credit Hours: 3				
New course: ☐ Yes ☐ No	Intended Frequency:	☑ Every academic year □ Every semester □ Every other year		
Revised course: ☐ Yes ☒ No		☐ At least once every three years ☐ Other		
Due in the district on the line out	Signature of collabora	ting chair/director indicating acknowledgement for inclusion and designation if		
Projected student enrollment	_	hool: See email approval		
per academic year:				
A Area:	I	l or an elective for your degree program? ⊠ Required ☐ Elective		
Course Prefix: ESID		within your dept/school? ⊠ Yes □ No		
Course Number: 440	if no, collaborating dept/	school must also complete the remaining elements, and must sign below.		
Course Title: Current Issues in	Carrier Datation	Distill Mississ Distance in Distance (Sould below)		
Emergency Services	Course Rotation:	☐ Fall ☐ Spring ☐ Intersession ☐ Other (Explain below)		
Credit Hours: 3				
New course: ☐ Yes ☐ No	Intended Frequency:	, , , , , , , , , , , , , , , , , , , ,		
Revised course: ☐ Yes ☒ No		☐ At least once every three years ☐ Other		
Projected student enrollment	Signature of collabora	ting chair/director indicating acknowledgement for inclusion and designation if		
per academic year:	not offered in dept/sc			
		Program of Study Approved for Inclusion in the General		

A Designated Course Required within the Program of Study Approved for Inclusion in the General Education Coursework: (please list at least one, can also be listed above but does not need to be) PSYC 121

, , , , , , , , , , , , , , , , , , , ,	
Learning Goal: To examine the	context and interactions of culture(s) and/or behavior(s).
Learning Outcome 1. Students	Description of learning outcome assessment plans

social institutions, and/or environments.

A Area

Description of learning outcome assessment plan:

describe behaviors, beliefs, cultures, The plan for assessment of the Bachelor of Science in Emergency Services is to use the university-based assessment that will be developed for REAL studies minors and that a program can opt into. The Bachelor of Science in Emergency Services program plans to opt into the assessment that the university will offer for indirect and direct measures.

behaviors, beliefs, cultures, social institutions, and/or environments.	Description of learning outcome assessment plan: The plan for assessment of the Bachelor of Science in Emergency Services is to use the university-based assessment that will be developed for REAL studies minors and that a program can opt into. The Bachelor of Science in Emergency Services program plans to opt into the assessment that the university will offer for indirect and direct measures.
Additional information for REAL Coun	cil consideration:

Are existing material resources adequate to support this program alignment proposal? ☑ Yes ☐ No If not, what additional material resources would be needed?
Are existing space resources adequate to support this program alignment proposal? ☑ Yes ☐ No If not, what additional space resources would be needed?
Are existing human resources adequate to support this program alignment proposal?  X Yes □ No If not, what additional human resources would be needed?

Department Curriculum Committee Recommendation:	Signature: MM	Date: 01/15/2021
Chair/Dean on Behalf of Dept/School:	Signature:	Date: 1/15/2021
College Curriculum Committee Approval:	Signature: Gl R.A	Date: 01/27/21
Dean/AVP Approval:	Signature:	Date:1.27.21
REAL Council Recommendation:	Signature:	Date:
Faculty Senate Curriculum Committee Recommendation:	Signature:	Date:
Faculty Senate Approval:	Signature:	Date:

Provost Approval:	Signature:	Date: