

ASSESSMENT REPORT
CENTRAL NEW MEXICO COMMUNITY COLLEGE

The purpose of this form is to provide a written summary of your assessment results for the current assessment cycle.

Fall 2011/Spring 2012
 (Assessment Period Covered)

June 11, 2012
 (Date Report Submitted)

See definitions for each category in Assessment Process document

Choose one:			
Gen Ed Area (see definitions) AA/AS <input type="checkbox"/> AAS <input type="checkbox"/>	or	Program Certificate AA/AS AAS	EMS-Paramedic Program <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Discipline Area (see definitions) <u>HWPS</u>			

Outcome(s) assessed:

1.
Part A: Affective Domain
 This course prepares the student to be able to:

- Be a role model of exemplary professional behavior including: but not limited to, integrity, empathy, self-motivation, appearance/personal hygiene, self-confidence, communications, time management, teamwork/ diplomacy, respect, patient advocacy, and careful delivery of service. (Professionalism)

Preparedness: the student consistently arrived on time with required materials and was ready to learn.
Professional appearance: the student is dressed appropriately and is neat in appearance. No hygiene issues.
Initiative: student demonstrates interest in EMS through actions and interactions with evaluator.
Conduct: Student interacts with other in a respectful and empathetic manner. Demonstrates respectability and professional ethics.
Careful Delivery of Service: Student follows policies, procedures & protocols. Uses appropriate safeguards in the performance of duties.

2.
Part B: Psychomotor Domain
 This course prepares the student to be able to:

- Perform a Paramedic-level patient assessment.
 - a. Perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. (Assessment)
 - b. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. (Assessment)
 - c. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. (Assessment)
 - d. Integrate and synthesize the multiple determinants of health and clinical care. (Assessment)
 - e. Perform health screening and referrals. (Assessment)
- Safely and effectively perform all psychomotor skills within the National EMS Scope of Practice Model and the New Mexico Scope of Practice at the Paramedic level. (Psychomotor Skills)

Student demonstrates proficiency in skills performed.

3.

Part C: Cognitive Domain

This course prepares the student to be able to:

- Perform Paramedic-level decision making in the content areas of: (a) preparatory, (b) airway/respiration/ventilation, (c) cardiology/resuscitation/ECG, (d) trauma, (e) medical/obstetrics/gynecology, and (f) EMS operations
 - a. Anticipate and prospectively intervene to improve patient outcome. (Decision Making)
 - b. Perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient. (Decision Making)
 - c. Evaluate the effectiveness of interventions and modifies treatment plan accordingly. (Decision Making)

Knowledge: the student can recall common terms, facts, principles and basic concepts in EMS.

Problem Solving: the student uses knowledge to solve a previously unencountered situation.

Evaluation: the student can judge the appropriateness of actions and can defend his/her decisions.

Classes/Cohort Assessed:

Fall 2011

Spring 2012

Measurement tool(s):

Outcome #1(affective)

EMS 2390 Student Evaluation Tool – Affective Portion (Direct, External)

EMS 2393 Professional Behavior Assessment (Direct, Internal)

EMS 2490 Professional Behavior Assessment (Direct, External)

EMS 2590 Student Evaluation Tool – Affective Portion (Direct, External)

EMS 2593 Professional Behavior Assessment (Direct, Internal)

EMS 2690 Professional Behavior Assessment (Direct, External)

DATA ARC Survey – Behavioral/Affective Portion (Indirect, External)

Outcome #2(psychomotor)

EMS 2390 Student Evaluation Tool – Psychomotor Portion (Direct, External)

Complete all clinical requirements to achieve a 70 % in the course

EMS 2393 Final Assessment Testing (Direct, Internal)

EMS 2490 Phase I Final Evaluation (Direct, External)

EMS 2590 Student Evaluation Tool – Psychomotor Portion (Direct, External)

Complete all clinical requirements to achieve a 70 % in the course

EMS 2593 Final Assessment Testing (Direct, Internal)

EMS 2690 Phase II Final Evaluation (Direct, External)

FISDAP Goals Report (Lab, Clinical, Field)

EMS 2999 Final Assessment Testing (Direct, Internal)

DATA ARC Survey – Clinical/Psychomotor Portion (Indirect, External)

Outcome #3(Cognitive)

EMS 2103 Course Final - Preparatory (Direct, Internal)
EMS 2203 Course Final - Preparatory (Direct, Internal)
EMS 2207 Course Final - EMS Operations (Direct, Internal)
EMS 2213 Course Final - Medical (Direct, Internal)
EMS 2217 Course Final - Preparatory (Direct, Internal)
EMS 2223 Course Final - Trauma (Direct, Internal)
PHTLS Provider Final Exam (Direct, External)

EMS 2303 Course Final – Cardiology/Resuscitation/ECG (Direct, Internal)
BLS HCP Exam (Direct, External)
ACLS Provider Exam (Direct, External)
EMS 2307 Course Final – Airway/Respiration/Ventilation (Direct, Internal)
EMS 2313 Course Final – Medical (Direct, Internal)

EMS 2503 Course Final – OB/Peds (Direct, Internal)
PALS Provider Exam (Direct, External)
PEPP Provider Exam (Direct, External)
EMS 2507 Environmental Toxicology Course Final – Medical (Direct, Internal)
EMS 2507 Environmental Ops Course Final – EMS Ops (Direct, Internal)
EMS 2513 Course Final – Medical (Direct, Internal)
Mosby Reach Exam (Direct, External)

FISDAP Blue Exam (Direct, External)

NREMT Certification Exam (Direct, External)

DATA ARC Survey – Cognitive/Knowledge Portion (Indirect, External)

Type of tool (for each tool listed above, indicate type of tool):

Achievement Target (if more than one measurement tool, list target for each tool separately):

Outcome #1.Affective

EMS 2390 Student Evaluation Tool – Affective Portion (Direct, External) target: achieve 4 or higher on this evaluation tool. Grading of 1 to 5.

EMS 2393 Professional Behavior Assessment (Direct, Internal) – target: achieve a 3 or higher on questions 1 thru 5. Achieve a total score of 15 or better. 20 total points possible

EMS 2490 Professional Behavior Assessment (Direct, *External*) –target: achieve a 3 or higher on questions 1 thru 5. Achieve a total score of 15 or better. 20 total points possible

EMS 2590 Student Evaluation Tool – Affective Portion (Direct, External) achieve 4 or higher on this evaluation tool.

Grading of 1 to 5.

EMS 2593 Professional Behavior Assessment (Direct, Internal) : achieve a 3 or higher on questions 1 thru 5. Achieve a total score of 15 or better. 20 total points possible

EMS 2690 Professional Behavior Assessment (Direct, External) target: achieve a 3 or higher on questions 1 thru 5. Achieve a total score of 15 or better. 20 total points possible

DATA ARC Survey – Behavioral/Affective Portion (Indirect, External) Achieve a 3 or higher on Behavioral Skills portion of survey. Response rate must be higher than 50 percent response rate for data to be meaningful.

Outcome #2. Psychomotor

EMS 2390 Student Evaluation Tool – Psychomotor Portion (Direct, External) 4 or higher on this evaluation tool.
Grading of 1 to 5.

Complete all clinical requirements , which is equivalent to achieving a 70% in clinical course

EMS 2393 Final Assessment Testing (Direct, Internal) Successfully complete and pass 8 out of 11 skills testing stations

EMS 2490 Phase I Final Evaluation (Direct, External) Achieve a “yes” when asked “Can student complete a comprehensive BLS level assessment?”

Achieve an “A” (assisted), as a minimum in all categories on grading rubric filled out by preceptor on final evaluation.

EMS 2590 Student Evaluation Tool – Psychomotor Portion (Direct, External) 4 or higher on this evaluation tool.
Grading of 1 to 5.

Complete all clinical requirements , which is equivalent to achieving a 70% in clinical course

EMS 2593 Final Assessment Testing (Direct, Internal) Successfully complete and pass 8 out of 11 skills testing stations

EMS 2690 Phase II Final Evaluation (Direct, External) Achieve a “yes” when asked “Can student complete a comprehensive ALS level assessment?”

Achieve an “A” (assisted), as a minimum in all categories on grading rubric filled out by preceptor on final evaluation.

FISDAP Goals Report (Lab, Clinical, Field) Complete 50 EMS Team Leads in the pre-hospital setting(field)

EMS 2999 Final Assessment Testing (Direct, Internal) 70 % Grade achieved in course

DATA ARC Survey – Clinical/Psychomotor Portion (Indirect, External) Achieve a 3 or higher on 1 to 5 scale. Must have a 50 percent response rate for data to be meaningful.

Outcome # 3. Cognitive

EMS 2103 Course Final - Preparatory (Direct, Internal) Target : 70 % or better on course final

EMS 2203 Course Final - Preparatory (Direct, Internal) Target : 70 % or better on course final

EMS 2207 Course Final - EMS Operations (Direct, Internal) 70 % or better on course final

EMS 2213 Course Final - Medical (Direct, Internal) 70 % or better on course final

EMS 2217 Course Final - Preparatory (Direct, Internal) 80 % or better on course final

EMS 2223 Course Final - Trauma (Direct, Internal) 80 % or better on course final
PHTLS Provider Final Exam (Direct, External) 85 % or better on course final

EMS 2303 Course Final – Cardiology/Resuscitation/ECG (Direct, Internal) Target : 70 % or better on course final
BLS HCP Exam (Direct, External) 84 percent on course final
ACLS Provider Exam (Direct, External) 84 percent on course final
EMS 2307 Course Final – Airway/Respiration/Ventilation (Direct, Internal) Target : 70 % or better on course final
EMS 2313 Course Final – Medical (Direct, Internal) 70 % or better on course final

EMS 2503 Course Final – OB/Peds (Direct, Internal) Target : 70 % or better on course final
PALS Provider Exam (Direct, External) 84 percent on course final
PEPP Provider Exam (Direct, External) 84 percent on course final
EMS 2507 Environmental Toxicology Course Final – Medical (Direct, Internal) Target : 70 % or better on course final
EMS 2507 Environmental Ops Course Final – EMS Ops (Direct, Internal) Target : 70 % or better on course final
EMS 2513 Course Final – Medical (Direct, Internal) Target : 70 % or better on course final

Mosby Reach Exam (Direct, External) 70% conversion score per syllabus

FISDAP Blue Exam (Direct, External) 70 % or better, may have two attempts

NREMT Certification Exam (Direct, External) pass on cognitive and psychomotor exams

DATA ARC Survey – Cognitive/Knowledge Portion (Indirect, External)
Achieve a 3 or higher on 1 to 5 scale. Must have a 50 percent response rate for data to be meaningful.

Assessment Results/Findings (if more than one measurement tool, list results for each tool separately):

Outcome #1 Affective

EMS 2390 Hospital Clinical I

Majority of students enrolled in course achieved target, may need to adopt new rubric similar to rest of program

EMS 2393 Paramedic Lab 1

100% of students did not achieve target in the peer evaluation version of this tool. Overall, many students received a “2” rather than a “3” from peers. The 2 students with affective issues consistently received “1” on a scale of 0 to 4. Overall, 94% percent of students did achieve the target after averaging multiple evaluations by various proctors. Seems to be an effective tool.

EMS 2490 Prehospital Clinical I

88% percent of students achieved target

EMS 2590 Hospital Clinical II

Majority of students achieved target

EMS 2593 Paramedic Lab II

100% of students met target, may need to adopt rubric similar to rest of program

EMS 2690

100% of students achieved target

Data Arc Survey-Behavioral

There were issues with obtaining this data. This survey was sent out to employers too soon, many of our students had very recently been hired or were still in the hiring process during the time that the employers could fill out this survey. We will be sending out these surveys 9 months post graduation in the next assessment cycle. Of the 11 responses to this survey, all responses by employers were a 4 or 5, above average. This was not a 50 percent response rate .

Outcome #2 Psychomotor**EMS 2390 Hospital Clinical I**

100 % achieved both targets

2 students had to do an additional clinical rotation to meet minimum clinical requirements for skills

EMS 2393 Paramedic Lab 1

80% of students achieved target

EMS 2593 Paramedic Lab II

86 % of students achieved target

EMS 2590 Hospital Clinical II

100% of students achieved both targets

No one had to be extended to compete minimum clinical requirements

EMS 2490 Prehospital Clinical I

92 % of students achieved target

EMS 2690 Prehospital Clinical II

100% achieved target

Note: 2 students had to be extended, however met target upon completion of extension.

FISDAP Goals Report

100 percent of students met target, average of 64 field internship team leads

Data Arc Survey

There were issues with obtaining this data. This survey was sent out to employers too soon, many of our students had very recently been hired or were still in the hiring process during the time that the employers could fill out this survey. We will be sending out these surveys 9 months post graduation in the next assessment cycle. Of the 11 responses to this survey, all responses by employers were a 4 or 5, above average. This was not a 50 percent response rate.

Advanced Trauma Lab EMS 2293

The data indicated the average student performed at the 81%. The majority of the students performed between the low 80's and high 70's. No problems were noted in the data.

Paramedic Lab I EMS 2393

The data indicated the average student performed at the 86%. The majority of the students performed between the low 80's and high 70's. No problems were noted in the data.

Advanced Trauma Lab EMS 2293

The data indicated the average student performed at the 79%. The majority of the students performed between the low 80's and high 70's. No problems were noted in the data.

Paramedic Lab II EMS 2593

The data indicated the average student performed at the 87%. The majority of the students performed between the high and low 80's. These grades are higher than expected when compared to the rest of the paramedic courses. In addition the range is very tight. A review of the grading matrix might be warranted but these scores do not indicate a problem.

Capstone EMS 2999

The data indicated the average student performed at the 86%. The majority of the students performed between the low 80's and high 70's. No problems were noted in the data.

Outcome #3 Cognitive**Human Systems EMS 2103**

The data indicated the average student performance was at 65%. This class also had one of the largest ranges of grades. The point spread between the high and low grade was 91 points. The data is slightly skewed because several students were not dropped. If these students are factored out the overall performance improves but is still slightly lower than the rest of the paramedic courses.

Legal Issues and Report Writing EMS 2207

The data indicated the average student performed at 79%. The majority of the students performed between the low 80's and high 70's. No problems were noted in the data.

Endocrine and GI/GU EMS 2213

The data indicated the average student performed at the 82%. The majority of the students performed between the low 80's and high 70's. No problems were noted in the data.

Pharmacology EMS 2217

The data indicated the average student performed at the 80%. The majority of the students performed between the low 80's and high 60's. No problems were noted in the data. The passing grade for this class needs to be lowered to a "C" to bring the pass / fail ratio into alignment with the other paramedic courses.

Advanced Trauma Theory EMS 2223

The data indicated the average student performed at the 79%. The majority of the students performed between the low 80's and high 60's. No problems were noted in the data. The passing grade for this class needs to be lowered to a "C" to bring the pass / fail ratio into alignment with the other paramedic courses.

Cardiology EMS 2303

The data indicated the average student performed at the 83%. The majority of the students performed between the low 80's and high 70's. No problems were noted in the data.

BLS HCP Exam

All met target after allowed re-test per AHA. Initial average on this exam was 83.8 percent, below target. Second time average was 91.5 %, which met the target.

ACLS Exam

All met target after initial exam 84.4%.

Respiratory EMS 2307

The data indicated the average student performed at the 85%. The majority of the students performed between the low 80's and high 70's. No problems were noted in the data.

Neurology EMS 2313

The data indicated the average student performed at the 80%. The majority of the students performed between the low 80's and high 70's. No problems were noted in the data.

Pediatric and Gynecology EMS 2503

The data indicated the average student performed at the 88%. The majority of the students performed between the low 90's and high 80's. These grades are higher than expected when compared to the rest of the paramedic courses. A review of the grading matrix might be warranted but these scores do not indicate a problem.

PALS Exam

All met initial target, class average on exam was 95 %

PEPP Exam

All met initial target, class average on exam was 90%

Environmental EMS 2507

The data indicated the average student performed at the 81%. The majority of the students performed between the low 80's and high 70's. No problems were noted in the data.

Behavioral Emergencies EMS 2513

The data indicated the average student performed at the 93%. The majority of the students performed between the low 90's and high 80's. These grades are higher than expected when compared to the rest of the paramedic courses. A review of the grading matrix might be warranted but these scores do not indicate a problem.

Mosby Reach Exam (Direct, External)

2 students did not meet target set by Mosby, which is to achieve a minimum score of 650 in all categories, however, all students met the course outcome which is a 70 percent conversion score, we need to re-visit course outcome on this.

FISDAP Blue Exam

79 % pass rate on this exam. Only one student did not meet this target. He is currently repeating courses and PD is working with him to successfully complete the CAPSTONE course and move on to National registry testing.

Data Arc Survey

There were issues with obtaining this data. This survey was sent out to employers too soon, many of our students had very recently been hired or were still in the hiring process during the time that the employers could fill out this survey. We will be sending out these surveys 9 months post graduation in the next assessment cycle. Of the 11 responses to this survey, all responses by employers were a 4 or 5, above average. This was not a 50 percent response rate.

NREMT EXAM

All students met target, all passed both cognitive and psychomotor exams, 96 % passed both on 1st attempt, 100% passed both on 2nd attempt.

Action Plan (close the loop):

Due in september