

Marshall Community & Technical College

Institutional Effectiveness & Outcome Assessment

IE/OA Tool Kit

Program-Degree or Certificate

Paramedic Science – Associate in Applied Science

Steps

Date
Completed

Program Mission Statement

January 30, 2004

Statements of Intended Outcome

December 9, 2004

Curriculum Audit

December 9, 2004

Assessment Measures

December 9, 2004

Assessment Timetable

February 9, 2005

Outcomes Assessment Tool (Feedback Loop)

February 9, 2005

Resources Requested for Program Improvement (use space provided below)

September 7, 2005

- One additional full-time faculty.
- Update equipment to meet industry technology changes.
- Maintain lab supplies.
- Maintain video training supplements.
- Dedicated Lab space for EMT-Basic & Paramedic students to practice skills.

New Directions Recommended for Program (IE Program Expansion, New Workforce Focus, etc.) (use space provided below)

September 7, 2005

- Increased release time for Program Coordinator to be able to stay abreast of ever changing medical treatments, curriculum, equipment maintenance & inventory, as well as move closer to the accreditation standards set forth by the West Virginia Office of EMS.
- Expand Paramedic Program to Kanawha County.
- Implement new EMT-Intermediate Level curriculum.
- Work with area High Schools to implement the EMT-Basic Curriculum.

Marshall Community & Technical College

Institutional Effectiveness & Outcomes Assessment

IE/OA 1. PROGRAM MISSION STATEMENT

Program-Degree or Certificate Associate in Applied Science

Program or Department Name

Paramedic Science-Allied Health

Team Members

Edward Bays, B.S., EMT-P Program Coordinator, Steven Murray, A.A.S,
EMT-P Adjunct Faculty

Date

January 30, 2004

Current Institutional Mission Statement

Marshall Community and Technical College is a public institution with open access to learning for a diverse population. Since student learning is the main priority, the MCTC is committed to ensuring excellence and accountability in a learning environment that emphasizes workforce development, career preparation, and lifelong learning that will empower learners to meet regional and global workforce demands. *Need developmental and transfer focus.

Program Mission Statement

The mission of the Allied Health Division is to train Emergency Medical Technician-Basic and Paramedic level students to be competent health care providers and to achieve career success. Students will be prepared to successfully complete the certification exam of the National Registry of EMT'S and to gain employment in their field of study.

Marshall Community & Technical College

Institutional Effectiveness & Outcomes Assessment

IE/OA 2. STATEMENTS OF INTENDED OUTCOMES

Program-Degree or Certificate

Paramedic Science-Associate in Applied Science

Team Members

Edward Bays, B.S., EMT-P Program Coordinator, Steven Murray, A.A.S, EMT-P Adjunct Faculty

Date

December 9, 2004

Program Mission Statement

The mission of the Allied Health Division is to train Emergency Medical Technician-Basic and Paramedic level students to be competent health care providers and to achieve career success. Students will be prepared to successfully complete the certification exam of the National Registry of EMT'S and to gain employment in their field of study.

STATEMENT OF INTENDED OUTCOME 1

Students of this program will be prepared to enter the workforce as paramedics to provide prehospital emergency care to acutely ill or injured patients.

STATEMENT OF INTENDED OUTCOME 2

Students will gain employment in the field and employer surveys will indicate satisfaction with skills and knowledge.

STATEMENT OF INTENDED OUTCOME 3

Students will prepared to successfully pass the National Registry of EMT's Paramedic Level Exam.

STATEMENT OF INTENDED OUTCOME 4

STATEMENT OF INTENDED OUTCOME 5

STATEMENT OF INTENDED OUTCOME 6

Current General Education Outcomes

- Communication/Interpersonal Skills
 - Oral
 - Written
- Computer Literacy
- Social Sciences
- Quantitative Skills/Science

STATEMENT OF INTENDED OUTCOME 7

Marshall Community & Technical College

Institutional Effectiveness & Outcomes Assessment

IE/OA 3. CURRICULUM AUDIT

Curriculum Audit Grid*																					
Program Degree or Title		Applied Process Technology			Courses (listed in required sequence for student progression through program)																
Intended Outcomes		EME 109	EME 109L	EME 130	PAR 210	PAR 211	PAR 212	PAR 241	PAR 251	SCI 257	PAR 220	PAR 221	PAR 230	PAR 231	PAR 242	PAR 252	EME 125	PAR 243	PAR 253		
1.	Students of this program will be prepared to enter the workforce as paramedics to provide prehospital emergency care to acutely ill or injured patients.	I	I	I	E	E	E	R	R	I	I	R	I	I	R	R	I	R	R		
2.	Students will gain employment in the field and employer surveys will indicate satisfaction with skills and knowledge.	I	I	I	E	E	E	R	R	I	I	R	I	I	R	R	I	R	R		
3.	Students will be prepared to successfully pass the National Registry of EMT's Paramedic Level Exam.	I	I	I	E	E	E	R	R	I	I	R	I	I	R	R	I	R	R		
4.																					
5.																					
6.	*Current General Education Outcomes																				
	*Communication/Interpersonal Skills																				
	-Oral																				
	-Written																				
	*Computer Literacy																				
	*Social Sciences																				
	*Quantitative Skills/Science																				
*Modeled after Hatfield (1999)		I = Introduced E = Emphasized R = Reinforced																			
<p>Introduces-Student is not familiar with content/skill, behavioral, or affective disposition. Instruction concentrates on introducing students to the content area/skill and bring them to some predetermined level of competence.</p>		<p>Emphasizes-Student should have brought basic content/skill to the component area. Instruction concentrates on enhancing content/strengthening skill and adding new content material/building more complex skills based on entrance competency.</p>							<p>Reinforces – Student bring reasonable knowledge/content/skill/competency to the situation as a result of content/skill being taught and/or emphasized at some previous point in their educational career. Instructional activity continues to build upon previous competency and reinforces content/skill competency.</p>												

Marshall Community & Technical College

Institutional Effectiveness & Outcomes Assessment

IE/OA 4. ASSESSMENT MEASURES

Program – Degree or Certificate

Paramedic Science-Associate in Applied Science

Team Members

Edward Bays, B.S., EMT-P Program Coordinator, David Gesner, M.A., EMT-P Faculty, Steven Murray, A.A.S, EMT-P Adjunct Faculty

Date

December 9, 2004

*For each Outcome assessment measure, designate the assessment result/level that indicates

- Student learning has exceeded standards
- Student learning has met standards
- Student learning is below standards

Statement of Intended Outcome 1

Students of this program will be prepared to enter the workforce as paramedics to provide prehospital emergency care to acutely ill or injured patients.

Assessment Measure #1

Successful completion of the Paramedic program.

Assessment Measure #2

Clinical evaluations indicate that students have completed the clinical and performed all competencies successfully.

Assessment Measure #3

Statement of Intended Outcome 2

Students will gain employment in the field and employer surveys will indicate satisfaction with skills and knowledge.

Assessment Measure #1

Employer surveys will indicate positive responses to all questions.

Assessment Measure #2

Assessment Measure #3

Statement of Intended Outcome 3

Students will prepared to successfully pass the National Registry of EMT's Paramedic Level Exam

Assessment Measure #1

Students will pass the written National Registry with a 70% or above score.

Assessment Measure #2

Students will pass all practical evaluations for the National Registry.

Assessment Measure #3

Statement of Intended Outcome 4

Assessment Measure #1

Assessment Measure #2

Assessment Measure #3

Statement of Intended Outcome 5	
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Assessment Measure #1

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Assessment Measure #2

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Assessment Measure #3

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Statement of Intended Outcome 6	Current General Education Outcomes
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- Communication/Interpersonal Skills
 - Oral
 - Written
 - Computer Literacy
 - Social Sciences
- Quantitative Skills/Science

Assessment Measure #1

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Assessment Measure #2

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Assessment Measure #3

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Statement of Intended Outcome 7

Assessment Measure #1

Assessment Measure #2

Assessment Measure #3

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IE/OA 6. OUTCOMES ASSESSMENT TOOLS (FEEDBACK LOOP)

An Outcomes Assessment Plan should be in accord with the College's Mission Statement, the Division's Mission Statement, and the Program's intended outcomes. Ongoing Assessment Techniques should assess the effects of the program and its services upon campus students and the workforce:

Marshall Community and Technical College Mission Statement

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Program Mission Statement

The mission of the Allied Health Division is to train Emergency Medical Technician-Basic and Paramedic level students to be competent health care providers and to achieve career success. Students will be prepared to successfully complete the certification exam of the National Registry of EMT'S and to gain employment in their field of study.

Program Outcomes Upon completion of the program, <u>What must students know?</u>	Assessment Methods Used for Each Program Outcome	What standards or benchmarks (such as %) did you use?	How did you use the assessment results in program planning?	What dates were the assessment data reviewed and program/ curriculum revised?
Students of this program will be prepared to enter the workforce as paramedics to provide prehospital emergency care to acutely ill or injured patients.	Clinical evaluations, test, quizzes, etc.	Students must complete with a 78% or above		
Students will gain employment in the field and employer surveys will indicate satisfaction with skills and knowledge.	Employer surveys	Employer surveys completed with no areas of dissatisfaction.		
Students will prepared to successfully pass the National Registry of EMT's Paramedic Level Exam	National Registry.	Completion of national registry.		
Current General Education Outcomes <ul style="list-style-type: none"> • Communication/Interpersonal Skills <ul style="list-style-type: none"> ○ Oral ○ Written • Computer Literacy • Social Sciences Quantitative Skills/Science				

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PROGRAM ASSESSMENT METHODS	Would Like To Try This X	Have Used This X	Title of Course That Assessment Method Was Used In
<u>PRE-ENTRY ASSESSMENT</u>			
Application forms/Student Information		X	Program entry
Placement Tests			
Competencies			
Other??			
<u>MID-PROGRAM ASSESSMENT</u>			
Internship/Fieldwork Performance Review		X	PAR 251, PAR 252
Skills Proficiency Tests		X	PAR 241, PAR 242
Student Focus Groups			
Other??			
<u>END OF MAJOR ASSESSMENT</u>			
Summary Project, Paper			
Student GPA			
Portfolios			
Competency Exam		X	PAR 243
Oral Presentation			
Are students performing better/worse than predecessors on Capstone Experience? Basis for judgment?			
Exit Interview, Oral and/or Written			
Licensure/Certification Practice Tests		X	PAR 243
Licensure/Certification Exam Pass Rates		X	
Alumni Satisfaction Survey	X		
Community Needs Assessment		X	
Advisory Committees and Employer Feedback		X	
Placement Effectiveness			
Employment and/or Employer Satisfaction Measures	X		
Dropout and Non-Completer Rates			
Program Demographics – # Students Beginning, # Halfway, # Completes; % Change in Completes Over Time			
Program Review & Specialized Accreditation	X		Ongoing
Other??			

CLASSROOM ASSESSMENT METHODS	Would Like to Try This X	Have Used This X	Title of Course that Assessment Method Was Used In:
Classroom Activities (handouts)		X	All
Daily Assignments		X	All
Evaluation Instruments From Other Sources			
Exam Evaluations		X	All
Faculty Self-Assessment			
Notebooks			
Oral Presentation			
Placement Tests			
Portfolio			
Pre-Test, Post-Test		X	PAR 220
Prompts (Journals/Index Cards)			
Quizzes		X	All
Student Evaluations using MCTC format		X	
Student Focus Groups	X		
Student-Generated Test Questions			
Student Information			
Student Self-Assessment			
Student Focus Groups			
Student Input – Free form oral and written			
Team Assessments by Students			
Weekly Questions Drop Box			
Writing (Para, Essays, Reports, etc.)			
Minute Paper (CAT)			
Muddiest Point (CAT)			
One-sentence Summary (CAT)			
Other CAT's			