

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Health Science	131	HSC 131 04/21/2020- CPR/AED and First Aid
Division	Department	Faculty Preparer
Health Sciences	Health Science	Hiralal Dedhia
Date of Last Filed Assessment Report		

**I. Review previous assessment reports submitted for this course and provide the following information.**

1. Was this course previously assessed and if so, when?

Yes  10-2016
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2. Briefly describe the results of previous assessment report(s).

All students who completed this course were successful.
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3. Briefly describe the Action Plan/Intended Changes from the previous report(s), when and how changes were implemented.

None
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**II. Assessment Results per Student Learning Outcome**

Outcome 1: Demonstrate appropriate response to simulated medical emergencies and injuries per American Heart Association and American Red Cross standards.

- Assessment Plan
  - Assessment Tool: ARC or AHA standardized tests for: First Aid component and CPR/AED for the Professional Rescuer
  - Assessment Date: Fall 2020
  - Course section(s)/other population: All
  - Number students to be assessed: All
  - How the assessment will be scored: ARC or AHA test keys

- Standard of success to be used for this assessment: 70% of students will score 80% or higher on tests
- Who will score and analyze the data: Course coordinator

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2019		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
141	117

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

Students who completed the class were successful. Students who were not successful either stopped attending the class or were absent from the testing and were assigned NP.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

All students were assessed.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

CPR/AED exam - Students took the American Red Cross (ARC) First Aid and CPR/AED written tests at the conclusion of the course. These tests are written by ARC and scored with an answer key.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes  
 100% of students scored 98 - 100% on the exams. The minimum score to qualify for certification is 80% so all students met the standard of success.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

All students who completed this class were successful. This class is a two-day class. Students who were not successful either stopped attending or were absent on the testing days.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Since students who completed the course were successful, the class is meeting the students' needs. Students who were not successful in this two-day class either do not attend or attend only one day. We are limited in how we can intervene in these situations.

Outcome 1: Demonstrate appropriate response to simulated medical emergencies and injuries per American Heart Association and American Red Cross standards.

- Assessment Plan
  - Assessment Tool: ARC or AHA Skills Check-outs sheets
  - Assessment Date: Fall 2020
  - Course section(s)/other population: All
  - Number students to be assessed: All
  - How the assessment will be scored: ARC or AHA established skills list
  - Standard of success to be used for this assessment: 70% will satisfactorily perform all ARC or AHA skills
  - Who will score and analyze the data: Course coordinator

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2019		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
141	117

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students who completed the course were assessed. Students who were not successful either stopped attending or were absent from the testing days and were assigned an NP.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

All students were assessed.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

Skill checklist- Demonstrate proficiency of performing simulated CPR/AED and First Aid skills.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes

All students (100%) met the standard of success.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

All students who completed this class were successful. This class is a two-day class. Students who were not successful either stopped attending or were absent on the testing days.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Since students who completed the course were successful, the class is meeting the students' needs. Students who were not successful in this two-day class either do not attend or attend only one day. We are limited in how we can intervene in these situations.

### III. Course Summary and Intended Changes Based on Assessment Results

1. Based on the previous report's Intended Change(s) identified in Section I above, please discuss how effective the changes were in improving student learning.

There were no changes recommended as a result of the last assessment test. Students who complete the class do extremely well.

2. Describe your overall impression of how this course is meeting the needs of students. Did the assessment process bring to light anything about student achievement of learning outcomes that surprised you?

This course is meeting the needs of the students. Students are certified in CPR/AED upon the successful completion of the course.

3. Describe when and how this information, including the action plan, was or will be shared with Departmental Faculty.

This information will be shared at a faculty meeting.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
No changes intended.			

5. Is there anything that you would like to mention that was not already captured?

6.

### III. Attached Files

[HSC 131 Data](#)

**Faculty/Preparer:** Hiralal Dedhia **Date:** 04/22/2020  
**Department Chair:** Rene Stark **Date:** 04/23/2020  
**Dean:** Valerie Greaves **Date:** 05/12/2020  
**Assessment Committee Chair:** Shawn Deron **Date:** 07/14/2020

**Course Assessment Report**  
**Washtenaw Community College**

Discipline	Course Number	Title
Health Science	131	HSC 131 10/19/2016- CPR/AED for the Professional Rescuer and First Aid
Division	Department	Faculty Preparer
Health Sciences	Nursing & Health Science	Hiralal Dedhia
Date of Last Filed Assessment Report		

**I. Assessment Results per Student Learning Outcome**

Outcome 1: Respond appropriately to simulated medical emergencies and injuries per American Red Cross standards.

- Assessment Plan
  - Assessment Tool: ARC Skills Check-outs sheets
  - Assessment Date: Spring/Summer 2013
  - Course section(s)/other population: All
  - Number students to be assessed: Offer ~ 10 section/sem = ~ 300 students/yr.
  - How the assessment will be scored: ARC established skills list
  - Standard of success to be used for this assessment: 70% will satisfactorily perform ARC skills
  - Who will score and analyze the data: Course coordinator

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
		2016

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
101	79

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students who completed the course were assessed.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

All students were assessed

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

Skill Checklist- Demonstrate proficiency of performing simulated CPR/AED and First Aid skills.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes

100% of students successfully completed all skills on the checklist.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Students who complete the class are successful. Students who are not being successful, either stop attending or are absent from the testing days and are assigned a grade of NP. Multiple e-mails are sent to students who aren't attending.

Students who attend follow skill instructions and practice the skills. They were all successful at check off.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

This is a two-day class, therefore, we are limited in how we can intervene in these situations.

Outcome 1: Respond appropriately to simulated medical emergencies and injuries per American Red Cross standards.

- Assessment Plan
  - Assessment Tool: ARC standardized tests for: ARC First Aid component and CPR/AED for the Professional Rescuer
  - Assessment Date: Spring/Summer 2013
  - Course section(s)/other population: All
  - Number students to be assessed: ~ 10 sections offered per semester= 300 students per year.
  - How the assessment will be scored: ARC test keys
  - Standard of success to be used for this assessment: 70% students will score 80% or higher on ARC tests
  - Who will score and analyze the data: Course coordinator

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
		2016

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
101	79

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students who completed the class were assessed.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

All students were assessed

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

Students were given American Red Cross tests.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this

learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: <u>Yes</u>
100% of students successfully scored 80% or higher on the two tests.

- Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

<p>Students who complete the class are successful. Students who are not being successful, either stop attending or are absent from the testing days and are assigned a grade of NP. Multiple e-mails are sent to students who aren't attending.</p> <p>Students who attend follow skill instructions and practice the skills. They were all successful at check off.</p>
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- Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

This is a two-day class, therefore, we are limited in how we can intervene in these situations.
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## II. Course Summary and Action Plans Based on Assessment Results

- Describe your overall impression of how this course is meeting the needs of students. Did the assessment process bring to light anything about student achievement of learning outcomes that surprised you?

<p>This course provides the requisite knowledge and skills to respond to patients who are experiencing respiratory, cardiac arrest, airway obstruction, breathing and first aid emergencies. The course teaches skills that students need to know to give immediate care to suddenly injured or ill persons until more advanced medical personnel arrive and take over. Students were very well prepared for this course.</p>
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- Describe when and how this information, including the action plan, was or will be shared with Departmental Faculty.

Department meeting.
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- Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
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No changes intended.

4. Is there anything that you would like to mention that was not already captured?

5.

### III. Attached Files

[skill check offs](#)

**Faculty/Preparer:** Hiralal Dedhia **Date:** 11/14/2016

**Department Chair:** Mary Burns-Coral **Date:** 11/15/2016

**Dean:** Valerie Greaves **Date:** 11/21/2016

**Assessment Committee Chair:** Ruth Walsh **Date:** 01/29/2017

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Health Science	131	HSC 131 03/15/2013- CPR/AED for the Professional Rescuer and First Aid
Division	Department	Faculty Preparer
Math, Science and Health	Nursing & Health Science	Hiralal Dedhia
Date of Last Filed Assessment Report		

**I. Assessment Results per Student Learning Outcome**

Outcome 1: Respond appropriately to simulated medical emergencies and injuries per American Red Cross standards.

- Assessment Plan
  - Assessment Tool: ARC standardized tests for: ARC First Aid component and CPR/AED for the Professional Rescuer
  - Assessment Date: Spring/Summer 2013
  - Course section(s)/other population: All
  - Number students to be assessed: ~ 10 sections offered per semester= 300 students per year.
  - How the assessment will be scored: ARC test keys
  - Standard of success to be used for this assessment: 70% students will score 80% or higher on ARC tests
  - Who will score and analyze the data: Course coordinator

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
	2013	

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
117	90

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

Random sample of students

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

All populations of students assessed such as MM students, evening, and weekend.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

As per American Red Cross standard, check offs and exams from ARC were scored against the answer key.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes

92.22% students scored 80% or higher. Students were able to respond appropriately to breathing and cardiac emergencies. This includes automated external defibrillator to care for a victim of experiencing cardiac arrest. Students were able to demonstrate skills to respond appropriately to breathing and cardiac emergencies. Students were able to demonstrate skills needed to give immediate care to suddenly injured or ill persons until more advanced medical personnel arrive and take over. Students were able to recognize and respond appropriately to first aid emergencies.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Students recognize and respond appropriately to cardiac, breathing and first aid emergencies.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Students have been consistently demonstrating the skills needed to respond to emergencies.

Outcome 1: Respond appropriately to simulated medical emergencies and injuries per American Red Cross standards.

- Assessment Plan
  - Assessment Tool: ARC Skills Check-outs sheets
  - Assessment Date: Spring/Summer 2013
  - Course section(s)/other population: All
  - Number students to be assessed: Offer ~ 10 section/sem = ~ 300 students/yr.
  - How the assessment will be scored: ARC established skills list
  - Standard of success to be used for this assessment: 70% will satisfactorily perform ARC skills
  - Who will score and analyze the data: Course coordinator

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
	2013	

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
117	52

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

Random sample of students was taken.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

All populations of students assessed such as MM, evening, weekend.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

As per American Red Cross standards, check offs and exams from ARC were scored against the answer key.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: <u>Yes</u>
91% students scored 80% or higher. Students have achieved this outcome. Check offs and department exams were used.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Students recognize and respond appropriately to cardiac, breathing and first aid emergencies.
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8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Students have been consistently demonstrating the skills needed to respond to emergencies.
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## II. Course Summary and Action Plans Based on Assessment Results

1. Describe your overall impression of how this course is meeting the needs of students. Did the assessment process bring to light anything about student achievement of learning outcomes that surprised you?

Students have performed very well in identifying emergency situations and taking proper care such as performing CPR, using an AED, taking care of a conscious choking victim. Students respond very well to injury scenarios, and taking proper actions such as using bandages to stop bleeding, and using slings for suspected leg or arm injuries.
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2. Describe when and how this information, including the action plan, was or will be shared with Departmental Faculty.

During department meeting
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3. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Other: test	revise my test	I need to get a better	2014

		understanding of their knowledge.	
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4. Is there anything that you would like to mention that was not already captured?

Looks good
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### III. Attached Files

[HSc 131 summary](#)

<b>Faculty/Preparer:</b> Hiralal Dedhia	<b>Date:</b> 6/14/13
<b>Department Chair:</b> Vickie Salter	<b>Date:</b> 6/17/13
<b>Dean:</b> Martha Showalter	<b>Date:</b> 6/17/13
<b>Assessment Committee Chair:</b> Michelle Garey	<b>Date:</b> 7/16/13

**COURSE ASSESSMENT REPORT**

**I. Background Information**

1. Course assessed:

Course Discipline Code and Number: **HSC 131**

Course Title: **CPR/AED/ for the Professional Rescuer and First Aid**

Division/Department Codes: **HAT / NHSD**

2. Semester assessment was conducted (check one):

- Fall 2009
- Winter
- Spring/Summer

3. Assessment tool(s) used: check all that apply.

- Portfolio
- Standardized test – **developed by American Red Cross (ARC)**
- Other external certification/licensure exam (specify):
- Survey
- Prompt
- Departmental exam
- Capstone experience (specify):
- Other (specify): **Demonstration of skills (per Skill Sheets developed by ARC)**

4. Have these tools been used before?

- Yes
- No

If yes, have the tools been altered since its last administration? If so, briefly describe changes made.

**This is the first formal course assessment process.**

5. Indicate the number of students assessed/total number of students enrolled in the course.

**All students for all sections for Fall 2008, Winter 2009, Spring/Summer 2009 – 102, 128, 125 respectively.  
Total number of students assessed = 355 out of 355**

6. Describe how students were selected for the assessment.

**All students enrolled in HSC 131**

**II. Results**

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.

N/A

2. List each outcome that was assessed for this report exactly as it is stated on the course master syllabus.

**Respond appropriately to simulated medical emergencies and injuries per American Red Cross standards.**

3. Briefly describe assessment results based on data collected during the course assessment, demonstrating the extent to which students are achieving each of the learning outcomes listed above. *Please attach a summary of the data collected.*

**For the three (3) semesters assessed, the number and percentage of students passing skills check-outs and ARC test with 80% or higher:**

**Fall 2008 - 80 out of 102 / 78%**

**Winter 2009 – 120 out of 128 / 94%**

**Spring/Summer 2009 – 106 out of 125 / 85%**

**COURSE ASSESSMENT REPORT**

4. For each outcome assessed, indicate the standard of success used, and the percentage of students who achieved that level of success. *Please attach the rubric/scoring guide used for the assessment.*  
**Benchmark of 75% of students passing the skills check-outs and ARC test with 80% or higher was met in all three (3) semesters.**

5. Describe the areas of strength and weakness in students' achievement of the learning outcomes shown in assessment results.

Strengths: **Assessment methods are effective in measuring course outcomes; these are external standards/skill sheets and exams developed and approved through the American Red Cross.**

Weaknesses: **None noted**

**III. Changes influenced by assessment results**

1. If weaknesses were found (see above) or students did not meet expectations, describe the action that will be taken to address these weaknesses.

No change necessary at this time

2. Identify intended changes that will be instituted based on results of this assessment activity (check all that apply). Please describe changes and give rationale for change. **None planned until ARC changes standards for course.**

a.  Outcomes/Assessments on the Master Syllabus

Change/rationale:

b.  Objectives/Evaluation on the Master Syllabus

Change/rationale:

c.  Course pre-requisites on the Master Syllabus

Change/rationale:

d.  1<sup>st</sup> Day Handouts

Change/rationale:

e.  Course assignments

Change/rationale:

f.  Course materials (check all that apply)

Textbook

Handouts

Other:

g.  Instructional methods

Change/rationale:

h.  Individual lessons & activities

Change/rationale:

3. What is the timeline for implementing these actions?

**IV. Future plans**

1. Describe the extent to which the assessment tools used were effective in measuring student achievement of learning outcomes for this course. **It is effective because the students have achieved the outcome.**

2. If the assessment tools were not effective, describe the changes that will be made for future assessments.

3. Which outcomes from the master syllabus have been addressed in this report?

All   X   Selected

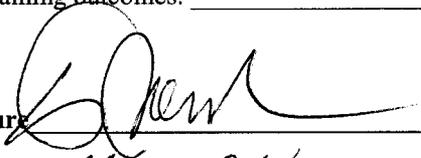
**COURSE ASSESSMENT REPORT**

If "All", provide the report date for the next full review: Fall 2013

If "Selected", provide the report date for remaining outcomes: \_\_\_\_\_

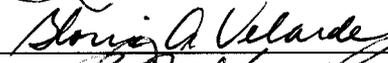
**Submitted by:**

Print: Hiralal Dedhia  
Faculty/Preparer

Signature 

Date: 2/1/2010

Print: Gloria Velarde  
Department Chair

Signature 

Date: 2/1/2010

Print: Granville Lee  
Dean/Administrator

Signature 

Date: 2/1/2010