

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Dental Assisting	131	DEN 131 06/04/2019- Principles of Dental Specialties
Division	Department	Faculty Preparer
Health Sciences	Allied Health	Jodi Neuman
Date of Last Filed Assessment Report		08/24/2015

**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

9/28/2018

2. Briefly describe the results of previous assessment report(s).

Winter 2016 -100% of the students scored 100%. Standard of success was met that year.

Winter 2017 - 88% of the students scored 90% or higher. Standard of success was not met that year.

Winter 2018 - 92% of the students scored 90% or higher. Standard of success was met that year.

Overall 94% of the students passed at a 90% or higher

3. Briefly describe the Action Plan/Intended Changes from the previous report(s), when and how changes were implemented.

Objectives will be reworded to better reflect the intended changes.

Objectives will now include application knowledge.

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

Outcome 1: Identify concepts and principles of dental specialties.

- Assessment Plan
  - Assessment Tool: Multiple-choice exam
  - Assessment Date: Winter 2016
  - Course section(s)/other population: all
  - Number students to be assessed: all
  - How the assessment will be scored: Answer key followed by item analysis
  - Standard of success to be used for this assessment: At least 80% of students will answer each item correctly and receive at least 80% overall.
  - Who will score and analyze the data: Departmental Faculty

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, 2018, 2017	

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

# of students enrolled	# of students assessed
35	34

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.

In Winter 2019, a student withdrew from the course.

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.

Only students that took the final exam were assessed.

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

The assessment tool was a final exam consisting of multiple choice and true/false questions. The exam was scored through Blackboard, and an item analysis was generated.

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>
Winter 2017 - 85% of the questions were answered correctly by at least 80% of the students. Standard of success was met that year.
Winter 2018 - 89% of the questions were answered correctly by at least 80% of the students. Standard of success was met that year.
Winter 2019 - This year the final exam was changed. 10 questions were chosen for assessment. Students scored 80% or higher on 9 of the 10 questions.

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

In addition to showing their level of understanding of the material, the students were able to apply this knowledge clinically in their DEN 202 rotations and to their DEN 204 validations that pertain to RDA functions performed in the different dental specialties.

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.

One of the 10 questions chosen for assessment was frequently missed on each of the three exams. This question will be reviewed for change in wording, or supplemental information will be provided to the students in the future.

Outcome 2: Identify equipment and associate it with procedures used in dental specialties.

- Assessment Plan
  - Assessment Tool: Multiple-choice exam
  - Assessment Date: Winter 2016
  - Course section(s)/other population: all
  - Number students to be assessed: all
  - How the assessment will be scored: Answer key followed by item analysis
  - Standard of success to be used for this assessment: At least 80% of students will answer each item correctly and receive at least 80% overall.
  - Who will score and analyze the data: Departmental Faculty

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, 2018, 2017	

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

# of students enrolled	# of students assessed
35	34

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.

In Winter 2019, a student withdrew from the course.

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.

Only students that took the final exam were assessed.

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

The assessment tool was a final exam consisting of multiple choice and true/false questions. The exam was scored through Blackboard, and an item analysis was generated.

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>
Winter 2017 - 85% of the questions were answered correctly by at least 80% of the students. Standard of success was met that year.
Winter 2018 - 89% of the questions were answered correctly by at least 80% of the students. Standard of success was met that year.
Winter 2019 - This year the final exam was changed. 10 questions were chosen for assessment. Students scored 80% or higher on 8 of the 10 questions.

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

In addition to showing their level of understanding of the material, the students were able to apply this knowledge clinically in their DEN 202 rotations and to their DEN 204 validations that pertain to RDA functions performed in the different dental specialties.

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.

For the final exam, 2 of the 10 questions chosen were frequently missed. The questions will be reviewed for change in wording, or supplemental information will be provided to the students. For the validation, the standard of success was met with no issues brought up for change. We will continue to present the information and validation expectations in the same manner.

Outcome 2: Identify equipment and associate it with procedures used in dental specialties.

- Assessment Plan
  - Assessment Tool: Performance validation
  - Assessment Date: Winter 2016
  - Course section(s)/other population: all
  - Number students to be assessed: all
  - How the assessment will be scored: departmentally-developed rubric
  - Standard of success to be used for this assessment: 90% or more of the students will score 90% or higher on their first attempt.
  - Who will score and analyze the data: Departmental faculty

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)
	2018, 2017, 2019	

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

# of students enrolled	# of students assessed
35	34

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.

In Winter 2019, a student withdrew from the course.

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 that completed the validations were assessed.

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

The clinical validation contains a list of criteria evaluated on a pass/fail basis. Clinical validations have numerical scores which are added to obtain a total. Students are expected to obtain 90%, or the clinical validation must be retaken.

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

Winter 2017 - 88% of the students scored 90% or higher. Standard of success was not met that year.

Winter 2018 - 92% of the students scored 90% or higher. Standard of success was met that year.

Winter 2019 - 100% of the students scored 90% or higher. Standard of success was met this year.

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

In addition to showing their level of understanding of the material, the students were able to apply this knowledge clinically in their DEN 202 rotations and to their DEN 204 validations that pertain to RDA functions performed in the different dental specialties.

- 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.

For the final exam, 2 of the 10 questions chosen were frequently missed. The questions will be reviewed for change in wording, or supplemental information will be provided to the students. For the validation, the standard of success was met with no issues brought up for change. We will continue to present the information and validation expectations in the same manner.

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

- 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.

No changes were implemented.

- 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?

The assessment process did shed some light on a couple areas of the final exam that could be improved upon (better question writing) and where additional information needs to be provided to the students. This was not a great surprise as we review finals each semester, but it was a good reminder. Also, while the content in this course is adequate, and knowledgeable speakers are brought in, the class is lacking in application of the knowledge at the time of presentation. By introducing interactive scenarios rather than waiting until students are in a clinical situation, we hope they gain a better foundation of knowledge and the course addresses the variety of learning styles within our student population.

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

All faculty will be consulted in this action plan at a program meeting.

- Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Outcome Language	Objectives will be reworded to better reflect the intended changes.	Objectives will now include application knowledge.	2020

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

6.

### III. Attached Files

**Faculty/Preparer:** Jodi Neuman **Date:** 06/11/2019

**Department Chair:** Kristina Sprague **Date:** 06/12/2019

**Dean:** Valerie Greaves **Date:** 06/14/2019

**Assessment Committee Chair:** Shawn Deron **Date:** 07/18/2019



**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Dental Assisting	131	DEN 131 08/30/2018- Principles of Dental Specialties
Division	Department	Faculty Preparer
Health Sciences	Allied Health	Kristina Sprague
Date of Last Filed Assessment Report		

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

Outcome 1: Identify concepts and principles of dental specialties.

- Assessment Plan
    - Assessment Tool: Multiple-choice exam
    - Assessment Date: Winter 2016
    - Course section(s)/other population: all
    - Number students to be assessed: all
    - How the assessment will be scored: Answer key followed by item analysis
    - Standard of success to be used for this assessment: At least 80% of students will answer each item correctly and receive at least 80% overall.
    - Who will score and analyze the data: Departmental Faculty
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)
	2017, 2018, 2016	

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

# of students enrolled	# of students assessed
35	32

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.

Only students that completed the written final 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 that completed the written final were assessed.

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

The assessment tool was a final exam consisting of multiple choice and true/false items. The exam was scored through Blackboard and an item analysis was generated.

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

Winter 2016 - 90% of the questions were answered correctly by at least 80% of the students. Standard of success was met that year.

Winter 2017 - 77% of the questions were answered correctly by at least 80% of the students. Standard of success was not met that year.

Winter 2018 - 85% of the questions were answered correctly by at least 80% of the students. Standard of success was met that year.

Overall 97% of the students passed at a 80% or higher.

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

In addition to showing their level of understanding of the material, the students were able to apply this knowledge clinically in their DEN 202 rotations in addition to their DEN 204 validations that pertain to RDA functions performed in the different dental specialties.

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.

There were several questions identified that students frequently missed. Not only will the question be reviewed, but the content in the course associated with the question will be reviewed with future classes to ensure understanding.

Outcome 2: Identify equipment and associate it with procedures used in dental specialties.

- Assessment Plan
  - Assessment Tool: Multiple-choice exam
  - Assessment Date: Winter 2016
  - Course section(s)/other population: all
  - Number students to be assessed: all
  - How the assessment will be scored: Answer key followed by item analysis
  - Standard of success to be used for this assessment: At least 80% of students will answer each item correctly and receive at least 80% overall.
  - Who will score and analyze the data: Departmental Faculty

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)
	2017, 2016, 2018	

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

# of students enrolled	# of students assessed
35	32

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.

Only those students that completed the written final 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 that completed the written final were assessed.

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

The assessment tool was a final exam consisting of multiple choice and true/false items. The exam was scored through Blackboard and an item analysis was generated.

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

Winter 2016 - 85% of the questions were answered correctly by at least 80% of the students. Standard of success was met that year.

Winter 2017 - 85% of the questions were answered correctly by at least 80% of the students. Standard of success was met that year.

Winter 2018 - 89% of the questions were answered correctly by at least 80% of the students. Standard of success was met that year.

Overall 97% of the students passed with an 80% or higher.

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

In addition to showing their level of understanding of the material, the students were able to apply this knowledge clinically in their DEN 202 rotations in addition to their DEN 204 validations that pertain to RDA functions performed in the different dental specialties.

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.

There were several questions identified that students frequently missed. Not only will the question be reviewed, but the content in the course associated with the question will be reviewed with future classes to ensure understanding.

Outcome 2: Identify equipment and associate it with procedures used in dental specialties.

- Assessment Plan
  - Assessment Tool: Performance validation
  - Assessment Date: Winter 2016
  - Course section(s)/other population: all

- Number students to be assessed: all
- How the assessment will be scored: departmentally-developed rubric
- Standard of success to be used for this assessment: 90% or more of the students will score 90% or higher on their first attempt.
- Who will score and analyze the data: Departmental faculty

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)
	2018, 2017, 2016	

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

# of students enrolled	# of students assessed
35	32

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.

Only those students that completed the validations 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 that completed the validations were assessed.

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

The clinical validation contains a list of criteria that are expected to be met. Each criteria is evaluated on a pass/fail basis. Clinical validations have numerical scores which are added to obtain a total. Students are expected to obtain 90% or the clinical validation must be retaken.

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

Winter 2016 - 100% of the students scored 100%. Standard of success was met that year.

Winter 2017 - 88% of the students scored 90% or higher. Standard of success was not met that year.

Winter 2018 - 92% of the students scored 90% or higher. Standard of success was met that year.

Overall 94% of the students passed at a 90% or higher.

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

In addition to showing their level of understanding of the material, the students were able to apply this knowledge clinically in their DEN 202 rotations in addition to their DEN 204 validations that pertain to RDA functions performed in the different dental specialties.

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.

There were several questions identified that students frequently missed. Not only will the question be reviewed, but the content in the course associated with the question will be reviewed with future classes to ensure understanding.

## 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?

The assessment process itself didn't shed any light on any areas that we know we wanted to improve. While the content is adequate and knowledgeable speakers are brought in, the class is lacking in application of the knowledge at the time of presentation. By introducing interactive scenarios rather than waiting until students are in a clinical situation we hope they gain a better foundation of knowledge and the course addresses the variety of learning styles within our student population.

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

All faculty were consulted in this action plan at a program meeting.

3.

Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Objectives	Objectives will be reworded to better reflect the intended changes.	Objectives will now include application knowledge.	2019

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

5.
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### III. Attached Files

[Assessment Data](#)

**Faculty/Preparer:** Kristina Sprague **Date:** 09/06/2018

**Department Chair:** Kristina Sprague **Date:** 09/07/2018

**Dean:** Valerie Greaves **Date:** 09/10/2018

**Assessment Committee Chair:** Shawn Deron **Date:** 09/27/2018

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Dental Assisting	131	DEN 131 07/07/2015- Principles of Dental Specialties
Division	Department	Faculty Preparer
Health Sciences	Allied Health	Kristina Sprague
Date of Last Filed Assessment Report		

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

Outcome 1: Identify concepts and principles of dental specialties.

- Assessment Plan
  - Assessment Tool: Multiple-choice exam.
  - Assessment Date: Winter 2016
  - Course section(s)/other population: all
  - Number students to be assessed: all
  - How the assessment will be scored: Answer key followed by item analysis
  - Standard of success to be used for this assessment: At least 80% of students will answer each item correctly and receive at least 80% overall.
  - Who will score and analyze the data: DA Faculty

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)
	2014, 2013, 2015	

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

# of students enrolled	# of students assessed
44	43

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 that took the final exam 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 that took the final exam were assessed.

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

The final exam was scored in BlackBoard and an item analysis was generated.

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

2013 -84% of the questions were answered correctly by 80% or more of the students.

2014- 88% of the questions were answered correctly by 80% or more of the students.

2015- 90% of the questions were answered correctly by 80% or more of the students.

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

Students have a basic understanding of the concepts of the different dental specialties. Test scores covering this outcome have improved each year over the past 3 years.

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.

While the standard of success was met, this class is made up of many specialty speakers that are often difficult to schedule. The faculty will continue to coordinate speakers with hands-on activities.

Outcome 2: Identify equipment and procedures used in dental specialties

- Assessment Plan
  - Assessment Tool: Multiple-choice exam.
  - Assessment Date: Winter 2016
  - Course section(s)/other population: all
  - Number students to be assessed: all
  - How the assessment will be scored: Answer key followed by item analysis
  - Standard of success to be used for this assessment: At least 80% of students will answer each item correctly and receive at least 80% overall.
  - Who will score and analyze the data: DA Faculty

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, 2014, 2015	

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

# of students enrolled	# of students assessed
44	43

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 that took the final 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.

The final exam was scored in BlackBoard and an item analysis was generated.

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>
2013- 84% of the questions were answered correctly by 80% or more of the students.
2014 - 84% of the questions were answered correctly by 80% or more of the students.
2015 - 82% of the questions were answered correctly by 80% or more of the students.

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

Identifying the equipment and procedures involved in the different specialties involves more than a basic understanding of concepts and principles of dental specialties. While the standard of success was met, the faculty feel as though this area needs improvement.

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.

The questions that were targeted for review will be addressed as well as adding more hands-on activities reviewing instruments and instrument identification validations.

## 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?

Student performance in this class was as expected and validated the faculty's thoughts of adding additional practice with instruments and including instrument identification validations.

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

The faculty meet on a regular basis and all were involved in this assessment process.

3.

Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Assessment Tool	Performance validations will be added to to assess Outcome #2.	In order to better assess the students, a performance validation will allow the students to apply their knowledge of equipment and procedures used in dental specialties rather than just through a multiple choice exam.	2016

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

5.
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### III. Attached Files

[2013-2015 Assessment Data](#)

**Faculty/Preparer:** Kristina Sprague **Date:** 07/13/2015

**Department Chair:** Connie Foster **Date:** 07/14/2015

**Dean:** Valerie Greaves **Date:** 07/15/2015

**Assessment Committee Chair:** Michelle Garey **Date:** 08/24/2015

**COURSE ASSESSMENT REPORT**

**I. Background Information**

1. Course assessed:  
 Course Discipline Code and Number: DEN 131  
 Course Title: Dental Specialties  
 Division/Department Codes: MSH
  
2. Semester assessment was conducted (check one):  
 Fall 20\_\_  
 Winter 20\_\_  
 Spring/Summer 20\_\_12\_\_
  
3. Assessment tool(s) used: check all that apply.  
 Portfolio  
 Standardized test  
 Other external certification/licensure exam (specify):  
 Survey  
 Prompt  
 Departmental exam  
 Capstone experience (specify):  
 Other (specify):
  
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.  
**Yes, the 2012 departmental exam was slightly modified taking into account frequently missed questions from 2010 and 2011.**

5. Indicate the number of students assessed and the total number of students enrolled in the course.  
**All 2012 students total 19**
  
6. If all students were not assessed, describe how students were selected for the assessment. *(Include your sampling method and rationale.)*  
**All 2012 students were assessed**

**II. Results**

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.  
**Post-tests and the final exam were modified following an item analysis of the previous years.**
  
2. List each outcome that was assessed for this report exactly as it is stated on the course master syllabus. *(You can copy and paste these from CurricUNET's WR report.)*  

<b>Outcome #1</b>	<b>Identify concepts and principles of dental specialties.</b>
<b>Outcome #2</b>	<b>Identify equipment and procedures used in dental specialties.</b>
  
3. For each outcome that was assessed, indicate the standard of success exactly as it is stated on the course master syllabus. *(You can copy and paste these from CurricUNET's WR report.)*  
**Outcome 1: Standard to be used is 80% for each item. Items with scores lower than 80% will be targeted for review.**  
**Outcome 2: Standard to be used is 80% for each item. Items with scores lower than 80% will be targeted for review.**
  
4. Briefly describe assessment results based on data collected during the course assessment. Indicate the extent to which students are achieving each of the learning outcomes listed above and state whether the standard of success was met for each outcome. ***In a separate document, include a summary of the data collected and any rubrics or scoring guides used for the assessment.***

**COURSE ASSESSMENT REPORT**

**Outcome #1**            15 out of 59 questions were targeted for review – Departmental exam  
75% of questions were passed – Benchmark not met

**Outcome #2**            14 out of 41 questions were targeted for review – Departmental exam  
66% of questions were passed – Benchmark not met

**Overall 17 out of 19 students passed the final exam with a score of 80% or higher.**

5. Describe the areas of strength and weakness in students' achievement of the learning outcomes shown in the assessment results. *(This should be an interpretation of the assessment results described above and a thoughtful analysis of student performance.)*

**Strengths: Overall the students showed a basic understanding of the material.**

**Weaknesses: It was apparent that the students did not take notes during lectures and demonstrations and did not complete the readings as assigned.**

**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. *(If students met all expectations, describe your plan for continuous improvement.)*

**At orientation, prior to beginning the program, the importance of taking notes will be emphasized. Quizzes will be given weekly and may involve walk around instrument identification. Students will be required to complete the student workbook that accompanies the textbook.**

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.

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: **The importance of taking notes will be emphasized.**

e.  Course assignments

Change/rationale: **Quizzes will be given weekly and may involve walk around instrument identification. Students will be required to complete the student workbook that follow the appropriate chapter readings.**

f.  Course materials (check all that apply)

Textbook

Handouts

Other: Student Workbook

g.  Instructional methods

Change/rationale:

h.  Individual lessons & activities

Change/rationale:

3. What is the timeline for implementing these actions?

**The modifications will be addressed prior to the next offering in the Winter of 2013**

**Please return completed form to the Office of Curriculum & Assessment, SC 247.**

COURSE ASSESSMENT REPORT

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.

All assessment tools were found to be effective.

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  Selected

If "All", provide the report date for the next full review: Winter 2016

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

Submitted by:

Print: Kathleen Weber \_\_\_\_\_ Signature: Kathleen Weber Date: 6/27/12  
Faculty/Preparer

Print: Connie Foster \_\_\_\_\_ Signature: Connie Foster Date: 6/27/12  
Department Chair

Print: M. Shaver \_\_\_\_\_ Signature: Martha Shaver Date: 8/3/12  
Dean/Administrator

**COURSE ASSESSMENT REPORT**

**I. Background Information**

1. Course assessed:  
 Course Discipline Code and Number: **DEN 131**  
 Course Title: **Dental Specialties**  
 Division/Department Codes: **Health and Applied Technologies (HAT)**
  
2. Semester assessment was conducted (check one):  
 Fall 2009\_\_  
 Winter 20\_\_  
 Spring/Summer 20\_\_
  
3. Assessment tool(s) used: check all that apply.  
 Portfolio  
 Standardized test  
 Other external certification/licensure exam (specify):  
 Survey  
 Prompt  
 Departmental exam  
 Capstone experience (specify):  
 Other (specify):
  
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.  
**The administration of the exam was changed to allow for item analysis.**

5. Indicate the number of students assessed/total number of students enrolled in the course.  
**All students enrolled in the Winter 2009 course completed the departmental exam.**
  
6. Describe how students were selected for the assessment.  
**All 20 students were assessed.**

**II. Results**

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.  
**The administration of the exam was changed to allow for item analysis.**
  
2. List each outcome that was assessed for this report exactly as it is stated on the course master syllabus.
  1. **Identify concepts and principles of dental specialties.**
  2. **Identify equipment and procedures used in dental specialties.**
  
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.*  
**Outcome 1: 9 out of 51 items were targeted for review**  
**Outcome 2: 8 out of 49 items were targeted for review**
  
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.*  
**Outcome 1: Standard to be used is 80% for each item. Items with scores lower than 80% will be targeted for review.**  
**Outcome 2: Standard to be used is 80% for each item. Items with scores lower than 80% will be targeted for review.**



**COURSE ASSESSMENT REPORT**

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

**Strengths: 90% of the students passed with 80% or higher on the final exam.**

**Weaknesses: The faculty feel that there were no weaknesses.**

**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.

**While the faculty feel that there weren't any weaknesses, all items with scores lower than 80% will be reviewed. Frequently missed questions on the final will be reviewed and additional questions will be added to the post-tests to better assess the student's level of comprehension thus preparing them for the final.**

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.

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: **As mentioned above, post-tests and final exam will be revised/reviewed as needed.**

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?

**Changes to the post-tests and/or final will be made prior to the next offering.**

**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.

**The assessment tool was found to be effective.**

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

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

All  X  Selected \_\_\_\_\_

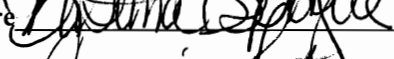
If "All", provide the report date for the next full review:  Winter 2012

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

**COURSE ASSESSMENT REPORT**

Submitted by:

Print: Kristina Sprague  
Faculty/Preparer

Signature 

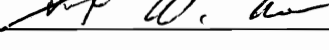
Date: 11/4/09

Print: Connie Foster  
Department Chair

Signature 

Date: 11/4/09

Print: Granville Lee  
Dean/Administrator

Signature 

Date: 11/9/09