

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Dental Assisting	205	DEN 205 06/30/2021-Expanded Duties for the RDA
College	Division	Department
	Health Sciences	Allied Health
Faculty Preparer		Kristina Sprague
Date of Last Filed Assessment Report		08/03/2016

**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  3/30/16
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2. Briefly describe the results of previous assessment report(s).

This course met the needs of RDAs that obtained their license prior to the Public Health Code changes of 2003 and 2004. Students performed well and met the requirements to perform the additional expanded duties in Michigan.
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3. Briefly describe the Action Plan/Intended Changes from the previous report(s), when and how changes were implemented.

Supplemental dental materials were added immediately to the course syllabus and implemented in the next course offering.
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**II. Assessment Results per Student Learning Outcome**

Outcome 1: Identify intraoral functions and procedures as outlined in the Public Health Code and Administrative Rules of the Board of Dentistry.

- Assessment Plan
  - Assessment Tool: Multiple-choice test
  - Assessment Date: Winter 2019
  - 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: 90% of the students will receive 80% overall.
- Who will score and analyze the data: Department 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		2019

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

# of students enrolled	# of students assessed
5	4

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 four students completed the assessment tool.

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 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 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  
 100% of the students passed at 87% or higher. The standard of success was 90% of the students will receive 80% overall. The standard of success was met.

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

Based on the overall outcome of the final exam and the fact that 100% of the students passed the written portion of the RDA exam, the faculty feel as though the students have an appropriate level of understanding of the material.

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.

Any frequently missed questions were identified and rewritten/reviewed as deemed appropriate.

**Outcome 2: Perform intraoral functions and procedures as outlined in the Public Health Code and Administrative Rules of the Board of Dentistry.**

- **Assessment Plan**
  - Assessment Tool: Review of performance ratings using performance evaluation criteria
  - Assessment Date: Winter 2019
  - 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: 100% of the students will pass all the required validations to either laboratory or clinical competency.
  - Who will score and analyze the data: Department 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		2019

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

# of students enrolled	# of students assessed
5	5

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 were assessed. There were no students enrolled in Winter 2017.

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 enrolled were assessed.

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

Each performance validation contains a list of criteria that are expected to be met. Each criterion is evaluated on a pass/fail basis. Performance validations have numerical scores which are added to obtain a total.

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 the students passed all required validations. The standard of success was 100% of the students will pass all the required validations to either laboratory or clinical competency. The standard of success was met.

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

Students have had great success in completing the validations with the support of their dentists. They are getting the hands-on experience in both a laboratory and clinical setting.

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.

Materials and procedures are always evolving. All validations are reviewed periodically for relevancy.

### 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.

The students' level of understanding improved greatly with the additional required resource of the dental materials text.

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?

Both students and their employers are highly motivated to complete all the course requirements in order to be able to be delegated/delegate the additional RDA duties. This course meets the Administrative Rules of the Board of Dentistry requirements. The low number of students that completed this course recently while not surprising, gives us pause as to whether it needs to be offered without any major Rules changes in the foreseeable future.

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 the next faculty meeting as well as the next Advisory Board meeting.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Other: Inactivate the course	Inactivate the course.	This course was developed in order to meet the Public Health Code and Administrative Rules of the Board of Dentistry change in 2003 and 2004. The change outlined required hours of additional education that Registered Dental Assistants (RDA's) must obtain in order to perform the additional duties that were delegated to RDA's in above	2021

		mentioned rules change. As seen in this course assessment, the course has only been offered a couple times since it was last assessed. The Master Syllabus should be updated. The faculty feel at this point a syllabus update should be made if and when another major Administrative Rules change occurs.	
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5. Is there anything that you would like to mention that was not already captured?

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**III. Attached Files**

[DEN 205 Assessment Data](#)

**Faculty/Preparer:** Kristina Sprague **Date:** 07/01/2021

**Department Chair:** Kristina Sprague **Date:** 07/01/2021

**Dean:** Valerie Greaves **Date:** 07/08/2021

**Assessment Committee Chair:** Shawn Deron **Date:** 10/30/2021

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Dental Assisting	205	DEN 205 03/30/2016-Expanded Duties for the RDA
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 intraoral functions and procedures as outlined in the Public Health Code

- Assessment Plan
  - Assessment Tool: Multiple-choice test
  - Assessment Date: Winter 2009
  - Course section(s)/other population: all
  - Number students to be assessed: all
  - How the assessment will be scored:
  - Standard of success to be used for this assessment:
  - Who will score and analyze the data:

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)
2015, 2013		2015, 2014, 2013

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

# of students enrolled	# of students assessed
6	6

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 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.

This course is only offered as MM. 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 is scored in BlackBoard and an item analysis is 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

100% of the 6 students passed at 87% or higher. The benchmark was 85%.

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

Given their overall performance on the final exam, the students have a basic understanding of the procedures that can be performed by the RDA in the state of Michigan since the 2003/2004 change in the Administrative Rules of the Board of Dentistry.

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 faculty would like to see a better understanding of the materials used in these procedures.

## Outcome 2: Perform intraoral functions and procedures as outlined in the Public Health Code

- Assessment Plan
  - Assessment Tool: Review of performance ratings using performance evaluation criteria
  - Assessment Date: Winter 2009



- Course section(s)/other population: all
- Number students to be assessed: all
- How the assessment will be scored:
- Standard of success to be used for this assessment:
- Who will score and analyze the data:

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)
2015, 2013		2015, 2014, 2013

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

# of students enrolled	# of students assessed
6	6

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 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.

This course is only offered as MM. 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 validations contain a list of criteria that are expected to be met. Each criteria is evaluated on a pass/fail basis. Validations have numerical scores which are added to obtain a total. Students are expected to obtain 90%.

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  
5 out of the 6 students scored 100% on all validations.

6 out of 6 students achieved 92% or higher on all validations.

100% of the students correctly performed the skills.

The benchmark was 90% of the students will correctly perform the skills.

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

Given their overall performance on the validations, the students are exceeding in performing at laboratory and clinical competency.

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 validations will continue to be viewed for relevancy given the changes in materials and technology.

## 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?

Nothing about the students' performance was a surprise. Since there is such a small number of students taking this course, the faculty can closely monitor performance. Students and dentists alike are appreciative to have this course offering in order to meet the educational requirement for the expanded duties of the RDA.

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 were involved in this assessment process. Any action plan will be discussed at our next meeting.

- 3.

Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Course Materials (e.g. textbooks, handouts, on-line ancillaries)	We will be requiring a supplemental dental materials text.	A textbook will allow students to review materials other than those	2016

		used in their own private practice and expand their knowledge base to include the properties of the materials beyond the manufacturer's directions.	
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4. Is there anything that you would like to mention that was not already captured?

Unfortunately dental materials are constantly evolving in the field of dentistry. It is difficult to keep up with what may be used in each office. Some offices use the “latest and greatest”, while others are “old school”.

FYI the discrepancy with regards to the number of validations in the attached data has to do with the opportunities for clinical practice that the students were given. Also, the Administrative Rules of the Board of Dentistry increased the number of duties the RDA could perform in 2014. Those duties were added to DEN 205 in the Fall of 2014.

**III. Attached Files**

[Assessment data](#)

- Faculty/Preparer:** Kristina Sprague **Date:** 06/07/2016
- Department Chair:** Connie Foster **Date:** 06/08/2016
- Dean:** Valerie Greaves **Date:** 06/09/2016
- Assessment Committee Chair:** Michelle Garey **Date:** 08/03/2016