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# Course Summary Report

Year		
2019 - 2020		
Period		
Fall	<b>~</b>	
Division		
Mathematics,	Business & Computer Technology	•
Dant		
Dept		
МАТН	•	
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Tools

Course SLOs

## Note: Course SLO Summary Evaluation Form is available.

#	SLO Statement	# of Students Assessed	# of Students who Met SLO	% of Students who Met SLO
1	Students will demonstrate the ability to solve real-world problems involving quadratic equations.	585	221	37.78%
2	Students will demonstrate the ability to simplify Pradical expressions and solve equations containing radicals.	585	342	58.46%
3	Students will demonstrate the ability to solve systems of linear equations and inequalities.	585	416	71.11%

#SLO Statement	# of Students Assessed	# of Students who Met SLO	% of Students who Met SLO
<sup>4</sup> Students will demonstrate mastery of function concepts and operations.	585	301	51.45%

## 1 Assessment Methods & Criteria

• The Student Learning Outcome Assessment Instrument is administered as an in-class assignment. The assessment instrument consisted of five questions corresponding to the four learning outcomes. Student responses to questions assessed cognitive mastery of intermediate algebra concepts. Achievement of learning outcomes is demonstrated by satisfactorily responding to questions included on the assessment instrument. Satisfactory response is being measured as 70% accuracy or greater.

#### 34 Section(s)

- MATH-095-01 for 2019FA 0 MATH-095-02 for 2019FA 0 MATH-095-03 for 2019FA 0 MATH-095-04 for 2019FA 0 MATH-095-05 for 2019FA 0 MATH-095-06 for 2019FA 0 MATH-095-07 for 2019FA 0 MATH-095-09 for 2019FA 0 MATH-095-10 for 2019FA 0 MATH-095-11 for 2019FA 0 MATH-095-12 for 2019FA 0 MATH-095-13 for 2019FA 0
- MATH-095-14 for 2019FA
- MATH-095-16 for 2019FA
- MATH-095-18 for 2019FA
  MATH-095-19 for 2019FA
- MATH-095-19 for 2019FA
  MATH-095-21 for 2019FA
- MATH-095-22 for 2019FA
  MATH-095-22 for 2019FA
- MATH-095-23 for 2019FA
- o MATH-095-24 for 2019FA
- o MATH-095-26 for 2019FA
- o MATH-095-27 for 2019FA
- o MATH-095-29 for 2019FA
- MATH-095-31 for 2019FA
- MATH-095-32 for 2019FA
- o MATH-095-50 for 2019FA
- MATH-095-51 for 2019FA
- MATH-095-71 for 2019FA
- MATH-095-72 for 2019FA
- MATH-095-73 for 2019FA
  MATH-095-76 for 2019FA
- MATH-095-76 for 2019FA
  MATH-095-78 for 2019FA
- MATH-095-78 for 2019FA
  MATH-095-79 for 2019FA
- MATH 005 20 for 2010FA
- MATH-095-80 for 2019FA

# 9 Reflection(s)

- The range of math skill readiness for this class was alarming. Students are being admitted with barley fundamental math skills. (MATH-095-51 for 2019FA)
- Review applications of quadratic functions a second time. (MATH-095-21 for 2019FA)
- Like in the past students struggle with SLO 1 and 2. (MATH-095-22 for 2019FA)
- SLO1: I expected this result, students struggle with these. I feel that students should be given the parabola formula for this problem if they're expected to complete the square. It really wouldn't have an effect on the scores because they still need to know how to complete the square. SLO2: I was happy with these results SLO3: Decent results, I would have liked to see another student or two get this one. SLO4: I was disappointed with this one, I expected more students to get this problem.

(MATH-095-09 for 2019FA)

- SLO1: I expected this result, students struggle with these. I feel that students should be given the parabola formula for this problem if they're expected to complete the square. It really wouldn't have an effect on the scores because they still need to know how to complete the square. SLO2: I was happy with these results SLO3: Given this was my stronger Math 095 class in Fall 2019, I am very disappointed in this questions' results. I expected at least 10 students to get this one right. Maybe the problem caught them by surprise and they forgot? That's the only thing that would make sense to me. SLO4: Good results. (MATH-095-31 for 2019FA)
- SLO #1 and #4 are taught too late in the semester. Students don't really have time to absorb it. SLO #3 is towards the end as well. Is it beneficial to have 3/4 SLOs at the end? (MATH-095-04 for 2019FA)
- The results were poor on most categories. I will need to consider additional strategies to help the students improve.
  - (MATH-095-32 for 2019FA)
- 22 students attended class on a regular basis and while no group excelled the majority of the class exhibited an above average grasp of the math concepts taught in class: I tried new strategies like more in class practice, more take home work and greater office hours. I saw improvement of a few students who were having a problem at the start. I plan to use more practice sessions in the class in the future. (MATH-095-27 for 2019FA)
- Changed to OER. There were gaps in prior knowledge- students skipped classes before this one. I will not spend as much time in Chapter 2- it's really 090 material. 3/4 SLOs are at the very end of the semester, so they were rushed. Fix pacing. (MATH-095-10 for 2019FA)

# 34 Section(s) Reporting

- MATH-095-01 for 2019FA on 12/19/2019 4:05 PM
- MATH-095-02 for 2019FA on 12/17/2019 9:51 PM
- MATH-095-03 for 2019FA on 12/17/2019 7:01 PM
- MATH-095-04 for 2019FA on 12/23/2019 2:31 PM
- MATH-095-05 for 2019FA on 12/19/2019 6:23 PM
- MATH-095-06 for 2019FA on 12/18/2019 7:33 PM
- MATH-095-07 for 2019FA on 12/16/2019 10:46 PM
- MATH-095-09 for 2019FA on 12/22/2019 2:03 PM
- MATH-095-10 for 2019FA on 12/27/2019 2:06 AM

- MATH-095-11 for 2019FA on 12/17/2019 7:02 PM
- MATH-095-12 for 2019FA on 12/26/2019 12:52 PM
- MATH-095-13 for 2019FA on 12/27/2019 7:09 PM
- MATH-095-14 for 2019FA on 12/16/2019 10:48 PM
- MATH-095-16 for 2019FA on 12/23/2019 7:59 PM
- MATH-095-18 for 2019FA on 12/20/2019 2:57 PM
- MATH-095-19 for 2019FA on 12/17/2019 9:50 PM
- MATH-095-21 for 2019FA on 12/18/2019 7:39 PM
- MATH-095-22 for 2019FA on 12/21/2019 12:05 AM
- MATH-095-23 for 2019FA on 12/20/2019 2:56 PM
- MATH-095-24 for 2019FA on 12/16/2019 6:56 PM
- MATH-095-26 for 2019FA on 12/18/2019 2:08 PM
- MATH-095-27 for 2019FA on 12/26/2019 6:44 PM
- MATH-095-29 for 2019FA on 12/19/2019 6:24 PM
- MATH-095-31 for 2019FA on 12/22/2019 2:06 PM
- MATH-095-32 for 2019FA on 12/26/2019 10:25 AM
- MATH-095-50 for 2019FA on 12/25/2019 12:59 PM
- MATH-095-51 for 2019FA on 12/15/2019 11:18 PM
- MATH-095-71 for 2019FA on 01/07/2020 7:44 PM
- MATH-095-72 for 2019FA on 01/07/2020 7:45 PM
- MATH-095-73 for 2019FA on 01/07/2020 7:45 PM
- MATH-095-76 for 2019FA on 12/19/2019 4:06 PM
- MATH-095-78 for 2019FA on 12/15/2019 5:22 PM
- MATH-095-79 for 2019FA on 12/15/2019 5:25 PM
- MATH-095-80 for 2019FA on 12/15/2019 5:27 PM

#### 4 Section(s) Not Reporting

- MATH-095-08 for 2019FA
- MATH-095-15 for 2019FA
- MATH-095-30 for 2019FA
- MATH-095-33 for 2019FA

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