

CULTURALLY RESPONSIVE CURRICULUM MODIFICATIONS

COURSE NAME: Math 123- Elementary Statistics			
FACULTY NAME: Amanda Lombard		DATE SUBMITTED: 1/24/24	
COURSE COMPONENT	PREVIOUS VERSION DESCRIPTION	CULTURALLY REPNOSIVE CHANGES DESCRIPTION(S)	CULTURES or LEARNING STYLES ADDRESSED THROUGH THESE REVISIONS
Syllabus	Nothing about diversity and inclusion	Added a diversity statement to the beginning of my syllabus to let students know their unique culture and background is valued in this classroom	
RESOURCES USED and where to find more information: Updated syllabus included in files on Teams			
Course Units			
RESOURCES USED and where to find more information:			
Reading Assigned/Textbook	Required to buy Larsen book and rent or buy a TI-84 calculator	Use OpenStax online and the free app Class Calc to make Stats an OER/ZTC course	Financial burden is no longer a factor for students
RESOURCES USED and where to find more information:			
Instructional Methods	Classes were mostly direct instruction with notes for students to copy from the board	Direct instruction is accompanied by guided notes and students work in groups to complete problems daily	Meeting the needs of visual learners as well as interpersonal learners and students for whom English is not their first language
RESOURCES USED and where to find more information:			
Assignments			
RESOURCES USED and where to find more information:			
Activities	Taught two sample hypothesis tests with examples from the book that were not very culturally relevant or interesting to students	Created an activity for students to get intrigued about two sample hypothesis testing through testing their vertical jumps, collecting data, and then analyzing the results	This class is full of student athletes so I'm addressing the athletic and competitive part of their culture. This activity also addresses kinesthetic learners as they actually go to the gym and measure their vertical jumps.
RESOURCES USED and where to find more information: This activity is in a word doc in files on Teams			
Instructional Methods			
RESOURCES USED and where to find more information:			
Classroom Environment			
RESOURCES USED and where to find more information:			
Grading Policies	No late work accepted	Late work is accepted all semester at half credit	
RESOURCES USED and where to find more information:			
Learning Goals			
RESOURCES USED and where to find more information:			

***Things to keep at the forefront of your mind while modifying curriculum to be culturally responsive and humanizing:
<ul style="list-style-type: none"> • Seek-out, recognize, and address bias within the curriculum components. • Highlight representations from the cultures that reflect the students we serve. • Seek insights from students to assist in the designing of curriculum and accuracy of portrayals. • Bring real-world and community issues into the curriculum and seek ideas from students regarding actions.

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| <ul style="list-style-type: none">• Highlight power dynamics, privilege, and historical oppression. |
| <ul style="list-style-type: none">• Utilize multiple perspectives from different cultural groups. |
| <ul style="list-style-type: none">• Seek to reach multiple learning styles / intelligences. |

CULTURALLY RESPONSIVE CURRICULUM MODIFICATIONS

COURSE NAME: Math 123- Elementary Statistics			
FACULTY NAME: Amanda Lombard		DATE SUBMITTED: 8/11/23	
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- Seek to reach multiple learning styles / intelligences.