

INTRODUCTION:

Welcome to Trigonometry class. I am Millia Ison. I have been teaching at DeAnza College for almost 30 years. I plan to work with you closely to help you to succeed. In this course, you will use your algebra skills to learn Trigonometry and related materials, and solve interesting application problems.

You will need to spent **at least 25 hours a week** to study the material, do homework and quizzes. Homework and quizzes are on ALEKS. Here is the link:

<http://shop.mcgraw-hill.com/mhshop/productDetails?isbn=007783996X>

Price is about \$50. **COURSE CODE: KH46H-34LQ3** Please refer to “Sign Up ALEKS.pdf” on Canvas for further details

Homework: You must follow ALEKS “My Path” to learn topics. Read the content on Canvas first so that you understand the concept before you do homework. If you can answer correctly 3 times in a row, then you have learned the topic. Credit is earned and the topic is moved into “Review” category. You will notice that some topics are locked. This is because you need to learn some available topics before you can understand the locked topics. Please follow the weekly plan on Canvas so that you can do homework and quizzes. If you do not do homework regularly, more and more topics will be blocked, and you will have trouble with quizzes and exams.

Quizzes: You have quiz twice a week. Quiz will be available on Monday 8 am, and due Sunday (of the same week) 11:59 pm. You have 3 tries to improve your score. Problems you do incorrectly the first time, you can correct them on the 2nd or 3rd try. If you get 100% on the 1st try of a quiz, then you have finished the quiz. Once you start, you have 30 minutes to finish. **NO**

EXTENSION.

Exams and Final: There is an exam review for each exam, under “Assignment”. Problems on each exams are similar to the problems on each exam reviews. Practice questions on the review will help you to do well on the exams. However, points earned the exam reviews will NOT count towards your grade.

Students with disability-related need for academic accommodations or services, please contact Disability Support Services (DSS) 408 864 8753 or Educational Diagnostic Center (EDC) 408 864 8839. The Center will inform me your situation. You may take exams at EDC, but you must schedule with EDC Wednesday or Thursday of the official exam week. You need to schedule one week ahead the exam day

Need Help?

1. Tutoring is available both on-campus and online. See <http://deanza.edu/studentssuccess/mstrc/>
2. Post questions in the Discussion section in Canvas
3. Email me at isonmillia@deanza.edu
4. Form an online study group with other students in the class.
5. Follow the “NetTutor” on the navigation in Canvas.

ALEKS Website

Math 42-23 Spring 2020 Calendar

Modules	Topics		Monday	Tuesday	Wednesday	Thursday	Friday
Mod 1	Right Triangle Trigonometry	April	6	7	8	9	10
Mod 2	Trigonometric Functions and Graphs	<p>The course material is online. Once you have purchased the web site license, together with the class code, listed on the previous page, you will be able to access the topics and to do homework (modules).</p> <p>Due day for all homework problems is June 22, 11:59 pm.</p> <p>Learn and do homework on regular basis. No Extension under any circumstances.</p> <p>There are total of 119 topics of the 6 modules. The ALEKS pie divides the 6 modules into 5 slices. Once you complete the pie, then you finish all the homework.</p> <p>Click on “Review”, you can see all the homework topics you have finished. You have earned the credits for these problems. You can practice again here to review. No point will be lost if you get wrong answers.</p>	<p>April</p> <p>13</p> <p>Wk1</p> <p>20</p> <p>Wk2</p> <p>April</p> <p>May</p> <p>Wk3</p> <p>May</p> <p>Wk4</p> <p>May</p> <p>Wk5</p> <p>May</p> <p>Wk6</p> <p>May</p> <p>Wk7</p> <p>June</p> <p>Wk8</p> <p>June</p> <p>Wk9</p> <p>June</p> <p>Wk10</p> <p>June</p> <p>Wk11</p>	<p>6</p> <p>7</p> <p>14</p> <p>Mod 1</p> <p>Quiz 1</p> <p>21</p> <p>Mod 2</p> <p>Quiz 3</p> <p>28</p> <p>Mod 2</p> <p>Quiz 5</p> <p>5</p> <p>Mod 3</p> <p>Quiz 7</p> <p>12</p> <p>Mod 4</p> <p>Quiz 8</p> <p>19</p> <p>Mod 4</p> <p>Quiz 10</p> <p>26</p> <p>Mod 5</p> <p>Quiz 12</p> <p>2</p> <p>Mod 5</p> <p>Quiz 14</p> <p>9</p> <p>Mod 6</p> <p>Quiz 15</p> <p>16</p> <p>Mod 6</p> <p>Quiz 17</p> <p>23</p> <p>Final</p> <p>1:45 – 3:45p</p>	<p>15</p> <p>16</p> <p>22</p> <p>23</p> <p>29</p> <p>30</p> <p>6</p> <p>7</p> <p>13</p> <p>20</p> <p>27</p> <p>3</p> <p>10</p> <p>17</p> <p>24</p>	<p>16</p> <p>Mod 1</p> <p>Quiz 2</p> <p>23</p> <p>Mod 2</p> <p>Quiz 4</p> <p>30</p> <p>Mod 3</p> <p>Quiz 6</p> <p>7</p> <p>Exam 1</p> <p>1:30-3 pm</p> <p>14</p> <p>Mod 4</p> <p>Quiz 9</p> <p>21</p> <p>Mod 4</p> <p>Quiz 11</p> <p>28</p> <p>Mod 5</p> <p>Quiz 13</p> <p>4</p> <p>Exam 2</p> <p>1:30-3 pm</p> <p>11</p> <p>Mod 6</p> <p>Quiz 16</p> <p>18</p> <p>Mod 6</p> <p>Quiz 18</p> <p>25</p>	<p>17</p> <p>24</p> <p>1</p> <p>8</p> <p>15</p> <p>22</p> <p>29</p> <p>5</p> <p>last day to drop w/W</p> <p>12</p> <p>19</p> <p>26</p>
Mod 3	Inverse Trigonometry Functions						
Mod 4	Trig Identities and Equations						
Mod 5	The laws of sin and cos, and Vectors						
Mod 6	Polar Coordinates						

Student Learning Outcome(s):

*Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications.