### Department of Mathematics & Statistics
#### Math and Stats Placement AY 2020-2021

- Students in Categories I, II, and III may take the ALEKS placement test up to two times
- Students in Category IV **must** enroll in one of the courses MAT 1051, STA1201, MAT 1900, or MAT 1910.

<table>
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<th>ALEKS Composite Score</th>
<th>Trig Subscore</th>
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| 76-100                | Mat 1060 Trigonometry | MAT 1140 Calculus I  
MAT 1200 Calculus for Life Science  
MAT 1250 Business Calculus  
MAT 1300 Technical Calculus I | *Also, eligible to take PHY 1210/1210L |
| 61-75                 | Trig subscore 0-22 | MAT 1050 College Algebra | Only MAT 1060 is required to continue into MAT 1140 or MAT 1300. MAT 1050 may be skipped unless required by major. |
|                       | Trig subscore 23-29 | MAT 1200 Calculus for Life Science  
MAT 1250 Business Calculus | *Also, eligible to take PHY 1210/1210L |
| 53-60                 | Mat 1050 College Algebra  
Mat 1060 Trigonometry  
Mat 1070 Pre-Calculus  
Mat 1250 Business Calculus | Must take MAT 1070 OR take both MAT 1050* and MAT 1060* before taking calculus (1140 or 1300).  
*May be taken in either order or at the same time. |
| 46-52                 | Mat 1050 College Algebra  
Mat 1060 Trigonometry | Must take both MAT 1050 and MAT 1060 before taking Calculus (MAT 1140 or MAT 1300). MAT 1050 and MAT 1060 may be taken in either order or at the same time. |
| 0-45                  | Category IV students are required to take MAT 1051/A or STA 1201/A.  
Category III students take either MAT 1051 with MAT 1051 activity or STA 1201 with STA 1201 activity.  
Or, designated sections (sections 50 or above) of MAT 1050 or STA 1200 with corequisite activity unit. | MAT 1051+1052 is a two-course sequence equivalent to MAT 1050. STA 1201+1202 is a two-course sequence equivalent to STA 1200. |

- Students in CAT I and II can take any of the following without needing to take ALEKS:
  - MAT 1050 College Algebra
  - MAT 1060 Trigonometry
  - MAT 1250 Calculus for Business
  - MAT 1910 Survey of Mathematics
  - STA 1200 Statistics with Applications
  - STA 1300 Biostatistics

- Students in CAT III and IV can take any of the following without needing to take ALEKS:
  - MAT 1051 College Algebra Stretch I
    - Note: MAT 1051+1052 is equivalent to MAT 1050
  - MAT 1900 or 1910
  - STA 1201 Statistics with Applications Stretch I
    - Note: STA 1201+1202 is equivalent to STA 1200

CAT III Only: designated sections (sections 50 or above) of MAT 1050 and STA 1200

* ALEKS Composite score of 76-100 or ALEKS Composite score of 61-75 with a Trig subscore of 23-29 allows students to take PHY 1210/1210L without taking the prerequisite MAT 1060-Trigonometry (See Physics Department for permission number: 8-231)

Updated 5/4/2020