Order of Curriculum documents:

1) Math 75X – New course (only course to lead to Math 100, 111, 115 “non-STEM”)
2) Math 24 – Modification to remove prerequisite of Math 50/53
3) Math 25 – Modification to include Math 75X as a prerequisite
4) Math 100 – Modification to include Math 75X as a prerequisite
5) Math 111 – Modification to include Math 75X as a prerequisite
6) Math 115 – Modification to include Math 75X as a prerequisite
7) Math 37 – Deactivate course (first half specifically for Carnegie Foundation’s Quantway)
8) Math 100Q - Deactivate course (second half specifically for Carnegie Foundation’s Quantway)
PROPOSAL SUMMARY  (Include reasons for adding course, and similar courses offered elsewhere, i.e. college, alpha, number, title):

With the separation of math into pathways, the College transfer level Non-Calculus pathway (non-stem) needs a preparation course, it will be Math 75X (4 credit). From the system subcommittee on the math pathways; this new course is aligned with the title, number, and highly similar description & topics.
INSTRUCTIONS: Complete all applicable fields. Continue overflow text on p. 3 under “Additional Information”. Attach copies of all Catalog pages that are affected with changes marked.

<table>
<thead>
<tr>
<th>Course Alpha &amp; No.: Math 75X</th>
<th>Effective Term: Fall 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Type: Regular</td>
<td>Experimental Course Expiration Date:</td>
</tr>
</tbody>
</table>

| Title: Introduction to Mathematical Reasoning |
| Banner Title: Intro to Math Reasoning |

**Gen Ed**

- Yes ☐ No ☐ Is this course certified to meet Career & Technical Education (AS/ AAS/ ATS) GEN ED Requirements? If “YES”, select GEN ED below.
  - I. Communications (ASCM)
  - II. Quantitative or Logical Reasoning (ASQL)
  - III. Humanities and Fine Arts (ASGD)
  - IV. Natural Sciences (ASGA)
  - V. Social Sciences (ASGC)

- Yes ☐ No ☐ Is this course certified to meet Liberal Arts (AA) GEN ED Requirements &/or UHM GEN ED Core Articulation? If “YES”, select GEN ED below.

<table>
<thead>
<tr>
<th>LBART FOUNDATION</th>
<th>LBART DIVERSIFICATION</th>
<th>LBART OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA UHM</td>
<td>Written Communication (FW)</td>
<td>Arts</td>
</tr>
<tr>
<td>☐</td>
<td>Symbolic Reasoning (FS)</td>
<td>Humanities (DH)</td>
</tr>
<tr>
<td>☐</td>
<td>Global/Multicultural Perspectives (FG)</td>
<td>Literature and Language (DL)</td>
</tr>
<tr>
<td>☐</td>
<td>Click To Select</td>
<td>Biological Sciences (DB)</td>
</tr>
<tr>
<td>☐</td>
<td></td>
<td>Biological Sciences Lab (DY)</td>
</tr>
<tr>
<td>☐</td>
<td></td>
<td>Physical Sciences (DP)</td>
</tr>
<tr>
<td>☐</td>
<td></td>
<td>Physical Sciences Lab (DY)</td>
</tr>
<tr>
<td>☐</td>
<td></td>
<td>Social Sciences (DS)</td>
</tr>
</tbody>
</table>

<p>| Class Length: 16 weeks |
| Credits: 4 credits |
| Repeat &amp; Credit Limit: Students may enroll __ time(s) for a maximum of __ credit(s) |
| Schedule Type: LAL (Lecture Lab) |
| Weekly Student Contact Hrs: 3 Hours Lecture per Week 3 Hours Lab per Week |
| Total Contact hrs per Week 6 |
| Grading Option: Letter Grade Only |
| Enrollment Maximum: 25 |
| Major Restriction: |
| Recommended Prep: |
| Special Approval: Click To Select |
| Cross-Listed Courses: |</p>
<table>
<thead>
<tr>
<th><strong>Prerequisite:</strong></th>
<th><strong>Math 75X</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>None (Open Placement)</td>
</tr>
<tr>
<td><strong>Co-requisite:</strong></td>
<td></td>
</tr>
</tbody>
</table>
Honolulu Community College

Course Outline

See Instructions for information on each item.

<table>
<thead>
<tr>
<th>Course Alpha &amp; No.:</th>
<th>Math 75X</th>
<th>Semester Credit Hours:</th>
<th>4</th>
<th>Effective Term:</th>
<th>Fall 2016</th>
</tr>
</thead>
</table>

Course Title: Introduction to Mathematical Reasoning

Prerequisite: None

Co-requisite:

Prerequisites or Co-requisite:

Recommended Prep:

Major Restriction:

Instructor Approval or other Approval:

1. Catalog Course Description:
   This course prepares students for College transfer level Non-Calculus pathway: Math 100, Math 111, Math 115, Math 150. Course topics include ratio and percent, unit conversions, graphs, basic algebra, solving linear equations, working with formulas, and also includes system of linear equations with substitution, quadratic formula, and GCF factoring. (3 hrs. Lec.; 3 hrs. Lab. per week)

2. Student Learning Outcomes:
   Upon successful completion of this course, a student will be able to:
   - Perform arithmetic operations with integers and rational numbers, without a calculator
   - Compute powers and square roots of rational numbers
   - Convert Scientific Notation
   - Convert unit measurements with arithmetic operations, metric or English systems
   - Simplify expressions including distribution and like terms
   - Perform algebraic distribution, monomial multiplication and monomial division
   - Solve linear equations with distribution, variable on each side, and clearing the fractions
   - Solve percent or proportion problems in an application
   - Solve for a variable in a simple formula
   - Graph a linear equation with ordered pairs, intercepts, and slope
   - Solve a linear system of equations with substitution, only two variables
   - Demonstrate factoring out the GCF from a polynomial expression
   - Solve a quadratic equation with the quadratic formula

3. Means by which the assessment of the SLOs will be accomplished:
   Homework, Quizzes, and/or Exams

4. Program Learning Outcomes addressed by this course:

5. Method(s) of Instruction:
   Lecture, online

6. Method(s) of Evaluation:
7. **Course Content:**

   Arithmetic Operations
   - Signed Numbers
   - Addition and Subtraction of Signed Numbers
   - Multiplication and Division of Signed Numbers
   - Powers and Roots
   - Order of Operations
   - Scientific Notation (maybe include comparing values with handout)
   - Problem Solving

   Intro to Algebra
   - Basic Algebra Expressions
   - Addition and Subtraction of Algebraic Expressions
   - Multiplication of Algebraic Expressions (distributing a monomial, very little on FOIL)
   - Division of Algebraic Expressions (only dividing by a monomial)

   Equations and Inequalities
   - Solving a Simple Equation
   - Simple Formulas and Literal Equations
   - Simple Inequalities
   - Problem-Solving Strategies and Word Problems
   - Working with Formulas

   Proportions & Unit Conversions
   - Ratio, Proportion, and Variation
   - Percents
   - Working with Units of Measure
   - Units of Measure: The Metric System
   - Reduction and Conversion of Units

   Graphs
   - The Rectangular Coordinate System
   - Graphs of Linear Functions

   System of Linear Equations
   - Graphical Solution to Two Simultaneous Equations
   - Substitution Method

   Factoring
   - The Distributive Property and Common Factors, GCF
   - The Difference of Two Squares

   Quadratic Equations
   - The Quadratic Equation
   - Solving Quadratic Equations Using the Quadratic Formula

8. **Possible Texts:**

   - Beginning Algebra, 12th edition; Lial, Hornsby, McGinnis (Math 24/25)
   - Introduction to Technical Mathematics, 5th edition; Washington, Triola, Reda (Math 50/150)

9. **Reference and/or Auxiliary Materials (if any):**

   Suggesting the TI-30XS Multiview calculator, to be used after arithmetic operations with Integers and Rational numbers.

10. **Resource Requirements (if applicable):**

11. **Relationship to other courses in the program (if applicable):**

12. **General Education or other requirement(s) satisfied:**

13. **Articulation (if applicable):**

14. **Additional information of importance:**
Course Alpha & No.: Math 24  
Proposer: S. Foster  
Effective Term: Fall 2016

PROPOSAL SUMMARY (Include reasons for modifying course.):
Due to the changes with developmental math courses and the separation of STEM and Non-STEM & Technical pathways there are a few Math courses that require changes to pre-requisites. The Math 24 will no longer have a prerequisite of Math 50/53, since the math 50/53 are changing due to pathway changes.
<table>
<thead>
<tr>
<th>Course Alpha &amp; No.:</th>
<th>Math 24</th>
<th>Effective Term:</th>
<th>Fall 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title:</td>
<td>Elementary Algebra I</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**REQUIREMENTS**

<table>
<thead>
<tr>
<th>EXISTING</th>
<th>PROPOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong> * (*State minimum Grade if not a &quot;D&quot;)</td>
<td>Prerequisite: Math 9, OR &quot;C&quot; or higher in Math 50/53, OR Placement in Math 24</td>
</tr>
<tr>
<td>Prerequisite or Co-requisite:</td>
<td>Prerequisite or Co-requisite:</td>
</tr>
<tr>
<td>Co-requisite:</td>
<td></td>
</tr>
<tr>
<td>Recommended Prep:</td>
<td>Math prerequisites should be completed within the last two (2) years.</td>
</tr>
<tr>
<td>Special Approval:</td>
<td>Math prerequisites should be completed within the last two (2) years.</td>
</tr>
<tr>
<td>Major Restriction:</td>
<td></td>
</tr>
</tbody>
</table>

**IMPACT**

- **YES □ NO** Are any PROGRAMS impacted by this proposal? *(i.e. Program Credits, Courses, Prerequisites, Requirements, Electives, etc.)* If “Yes” attach Program Modification Form(s) and briefly explain below.
- **□ YES □ NO** Are any COURSES impacted by this proposal? *(i.e. Course Prerequisites, Co-requisites, Recommended Prep, Cross-Lists, etc.)* If “Yes” attach Course Modification Form(s) and briefly explain below.
- **□ YES □ NO** Were the affected Programs/Departments consulted and notified of the proposed changes?

**Additional Information:**

Catalog 2015-2016 page 228 and flowchart page 227

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There will be a reduction in Math 24 courses offered, due to the creation of the optional Math 75X prerequisite.
University of Hawai‘i Honolulu Community College
CURRICULUM ACTION PROPOSAL

Modify a Course Short Form – Requirements Only:
Prerequisite, Prerequisite or Co-requisite, Co-requisite,
Recommended Prep, Special Approval, Major Restriction Only

| Course Alpha & No.: | Math 25 | Proposer: | S. Foster | Effective Term: | Fall 2016 |

PROPOSAL SUMMARY (Include reasons for modifying course.):

Due to the changes with developmental math courses and the separation of STEM and Non-STEM & Technical pathways there are a few Math courses that require changes to pre-requisites. The Math 75 will be the main prerequisite to the Non-Stem & Technical pathway, and the Math 25 will remain as the prerequisite to the Stem pathway. If a student decides to transition from the Non-Stem/Technical into the Stem, then Math 75X will count as a prerequisite to Math 25.

S I G N A T U R E S

Proposal:
Initiator / Date
Division Chair / Date
Program Dean / Date

Approval:
Division Curriculum Committee Chair / Date
Committee on Programs & Curricula Chair / Date
Vice Chancellor of Academic Affairs / Date
Chancellor / Date
### CURRICULUM ACTION PROPOSAL

**Modify a Course Short Form – Requirements Only:**
Prerequisite, Prerequisite or Co-requisite, Co-requisite,
Recommended Prep, Special Approval, Major Restriction Only

**INSTRUCTIONS:** Complete all applicable fields. Continue overflow text under “Additional Information”. Attach copies of all Catalog pages that are affected with changes marked.

<table>
<thead>
<tr>
<th>Course Alpha &amp; No.:</th>
<th>Math 25</th>
<th>Effective Term:</th>
<th>Fall 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title:</td>
<td>Elementary Algebra II</td>
<td></td>
<td></td>
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<table>
<thead>
<tr>
<th>REQUIREMENTS</th>
<th>EXISTING</th>
<th>PROPOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: *</td>
<td>&quot;C&quot; or higher in Math 24 OR Placement in Math 25</td>
<td>&quot;C&quot; or higher in Math 24 OR &quot;C&quot; or higher in Math 75X OR Placement in Math 25</td>
</tr>
<tr>
<td>Co-requisite:</td>
<td></td>
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</tr>
<tr>
<td>Recommended Prep:</td>
<td>Math prerequisites should be completed within the last two (2) years.</td>
<td>Math prerequisites should be completed within the last two (2) years.</td>
</tr>
<tr>
<td>Special Approval:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major Restriction:</td>
<td></td>
<td></td>
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</tbody>
</table>

- **IMPACT**
  - **YES** ☐ NO ☑ Are any PROGRAMS impacted by this proposal? *(i.e. Program Credits, Courses, Prerequisites, Requirements, Electives, etc.)*
    - If “Yes” attach Program Modification Form(s) and briefly explain below.
  - **YES** ☑ NO ☐ Are any COURSES impacted by this proposal? *(i.e. Course Prerequisites, Co-requisites, Recommended Prep, Cross-List, etc.)*
    - If “Yes” attach Course Modification Form(s) and briefly explain below.
  - **YES** ☑ NO ☐ Were the affected Programs/Departments consulted and notified of the proposed changes?

**Additional Information:**
Catalog 2015-2016 page 228 and flowchart page 227

There will be a reduction in Math 25 courses offered, due to the creation of the optional Math 75X prerequisite.
## PROPOSAL SUMMARY (Include reasons for modifying course):

Due to the changes with developmental math courses and the separation of STEM and Non-STEM & Technical pathways, there are a few Math courses that require changes to prerequisites. Math 75X will be the primary prerequisite for Math 100, 111, 115, and 150.
University of Hawai'i Honolulu Community College

CURRICULUM ACTION PROPOSAL

Modify a Course Short Form – Requirements Only:
Prerequisite, Prerequisite or Co-requisite, Co-requisite,
Recommended Prep, Special Approval, Major Restriction Only

INSTRUCTIONS: Complete all applicable fields. Continue overflow text under “Additional Information”. Attach copies of all Catalog pages that are affected with changes marked.

<table>
<thead>
<tr>
<th>Course Alpha &amp; No.:</th>
<th>Math 100</th>
<th>Effective Term:</th>
<th>Fall 2016</th>
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</thead>
<tbody>
<tr>
<td>Course Title:</td>
<td>Survey of Mathematics</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Prerequisite:</th>
<th>EXISTING</th>
<th>PROPOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Prerequisite: &quot;C&quot; or higher in Math 25 OR Placement in Math 100</td>
</tr>
<tr>
<td>*</td>
<td></td>
<td>Prerequisite: &quot;C&quot; or higher in Math 75X OR Placement in Math 100</td>
</tr>
<tr>
<td>* (State minimum Grade if not a “D”)</td>
<td></td>
<td>Prerequisite or Co-requisite:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prerequisite or Co-requisite:</td>
</tr>
</tbody>
</table>

| Co-requisite:        |          |                      |
|                     |          |                      |

| Recommended Prep:    |          |                      |
| Math prerequisites should be completed within the last two (2) years. | Math prerequisites should be completed within the last two (2) years. |

| Special Approval:    |          |                      |
|                     |          |                      |

| Major Restriction:   |          |                      |
|                     |          |                      |

☐ YES ☐ NO Are any PROGRAMS impacted by this proposal? (i.e. Program Credits, Courses, Prerequisites, Requirements, Electives, etc.) If “Yes” attach Program Modification Form(s) and briefly explain below.

☒ YES ☐ NO Are any COURSES impacted by this proposal? (i.e. Course Prerequisites, Co-requisites, Recommended Prep, Cross-Lists, etc.) If “Yes” attach Course Modification Form(s) and briefly explain below.

☒ YES ☐ NO Were the affected Programs/Departments consulted and notified of the proposed changes?

Describe impact on Programs and/or Courses. (Attach appropriate Program Modification and Course Modification Forms)
There will be a reduction in Math 25 courses offered, due to the creation of the optional Math 75X prerequisite.

Additional Information:
Catalog 2015-2016 page 228 and flowchart page 227
Course Alpha & No.: Math 111  Proposer: S. Foster  Effective Term: Fall 2016

PROPOSAL SUMMARY (Include reasons for modifying course):
Due to the changes with developmental math courses and the separation of STEM and Non-STEM & Technical pathways there are a few Math courses that require changes to prerequisites. Math 75X will be the primary prerequisite for Math 100, 111, 115, and 150.

S I G N A T U R E S

Proposal:
Initiator / Date
Division Chair / Date
Program Dean / Date

Approval:
Division Curriculum Committee Chair / Date
Committee on Programs & Curricula Chair / Date
Vice Chancellor of Academic Affairs / Date
Chancellor / Date
Modify a Course Short Form – Requirements Only:
Prerequisite, Prerequisite or Co-requisite, Co-requisite,
Recommended Prep, Special Approval, Major Restriction Only

INSTRUCTIONS: Complete all applicable fields. Continue overflow text under “Additional Information”. Attach copies of all Catalog pages that are affected with changes marked.

<table>
<thead>
<tr>
<th>Course Alpha &amp; No.:</th>
<th>Math 111</th>
<th>Effective Term:</th>
<th>Fall 2016</th>
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</thead>
<tbody>
<tr>
<td>Course Title:</td>
<td>Math for Elementary Teachers I</td>
<td></td>
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<th>REQUIREMENTS</th>
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<tr>
<td>Prerequisite:</td>
<td>&quot;C&quot; or higher in Math 25 OR Placement in Math 100 or higher</td>
<td>&quot;C&quot; or higher in Math 25 OR &quot;C&quot; or higher in Math 75X OR Placement in Math 100 or higher</td>
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<td>Co-requisite:</td>
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<tr>
<td>Recommended Prep:</td>
<td>Math prerequisites should be completed within the last two (2) years.</td>
<td>Math prerequisites should be completed within the last two (2) years.</td>
</tr>
<tr>
<td>Special Approval:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major Restriction:</td>
<td></td>
<td></td>
</tr>
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IMPACT

☐ YES ☐ NO Are any PROGRAMS impacted by this proposal? (i.e. Program Credits, Courses, Prerequisites, Requirements, Electives, etc.) If “Yes” attach Program Modification Form(s) and briefly explain below.

☐ YES ☐ NO Are any COURSES impacted by this proposal? (i.e. Course Prerequisites, Co-requisites, Recommended Prep, Cross-Lists, etc.) If “Yes” attach Course Modification Form(s) and briefly explain below.

☐ YES ☐ NO Were the affected Programs/Departments consulted and notified of the proposed changes?

Describe impact on Programs and/or Courses. (Attach appropriate Program Modification and Course Modification Forms)
There will be a reduction in Math 25 courses offered, due to the creation of the optional Math 75X prerequisite.

Additional Information:
Catalog 2015-2016 page 228 and flowchart page 227
PROPOSAL SUMMARY (Include reasons for modifying course.):
Due to the changes with developmental math courses and the separation of STEM and Non-STEM &Technical pathways there are a few Math courses that require changes to prerequisites. Math 75X will be the primary prerequisite for Math 100, 111, 115, and 150.
**INSTRUCTIONS:** Complete all applicable fields. Continue overflow text under “Additional Information”. Attach copies of all Catalog pages that are affected with changes marked.

<table>
<thead>
<tr>
<th>Course Alpha &amp; No.:</th>
<th>Math 115</th>
<th>Effective Term:</th>
<th>Fall 2016</th>
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</thead>
<tbody>
<tr>
<td><strong>Course Title:</strong></td>
<td>Introduction to Statistics and Probability</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th><strong>REQUIREMENTS</strong></th>
<th><strong>EXISTING</strong></th>
<th><strong>PROPOSED</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>* &quot;C&quot; or higher in Math 25 OR Placement in Math 115</td>
<td>* &quot;C&quot; or higher in Math 25 OR &quot;C&quot; or higher in Math 75X OR Placement in Math 115</td>
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<td><em>(State minimum Grade if not a “D”)</em></td>
<td>Prerequisite or Co-requisite:</td>
<td>Prerequisite or Co-requisite:</td>
</tr>
<tr>
<td><strong>Co-requisite:</strong></td>
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</tr>
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<td><strong>Recommended Prep:</strong></td>
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</tr>
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<td><strong>Special Approval:</strong></td>
<td></td>
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<td></td>
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</table>

<table>
<thead>
<tr>
<th><strong>IMPACT</strong></th>
<th><strong>YES</strong></th>
<th><strong>NO</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Are any PROGRAMS impacted by this proposal? <em>(i.e. Program Credits, Courses, Prerequisites, Requirements, Electives, etc.)</em></td>
<td>If “Yes” attach Program Modification Form(s) and briefly explain below.</td>
<td></td>
</tr>
<tr>
<td>Are any COURSES impacted by this proposal? <em>(i.e. Course Prerequisites, Co-requisites, Recommended Prep, Cross-Lists, etc.)</em></td>
<td>If “Yes” attach Course Modification Form(s) and briefly explain below.</td>
<td></td>
</tr>
<tr>
<td>Were the affected Programs/Departments consulted and notified of the proposed changes?</td>
<td>YES</td>
<td>NO</td>
</tr>
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</table>

**Additional Information:**
Catalog 2015-2016 page 228 and flowchart page 227
CURRICULUM ACTION PROPOSAL
Deactivate or Activate a Course

Course Alpha & No.: Math 37  
Proposer: S. Foster  
Effective Term: Fall 2016

THIS PROPOSAL:
☒ Deactivates a Course – temporarily removes course from the HCC Catalog, while retaining record in Banner for future use.  
(To permanently remove a course, use the DELETE A COURSE form.)
☐ Activates a Course that was previously Deactivated.

PROPOSAL SUMMARY (Include reasons for Deactivating or Activating the course.):
Since the Math department is introducing a "non-Stem" pathway, this specialized course sequence is no longer needed.
The Math 75X to Math 100 will complete the Quantway path in the same amount of time and will allow more options for students.

SIGNATURES

Proposal:
Initiator / Date
General Education Board (if applicable) / Date
Division Curriculum Committee Chair / Date
Vice Chancellor of Academic Affairs / Date
Division Chair / Date
Program Dean / Date
Committee on Programs & Curricula Chair / Date
Chancellor / Date
### Course Alpha & No.: Math 37
### Effective Term: Fall 2016

#### Course Title:
- My Quantway I

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<table>
<thead>
<tr>
<th></th>
<th>LBART FOUNDATION</th>
<th>LBART DIVERSIFICATION</th>
<th>LBART OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AA</strong></td>
<td>Written Communication (FW)</td>
<td>Arts <a href="DA">Click To Select</a></td>
<td>AA Speech</td>
</tr>
<tr>
<td></td>
<td>Symbolic Reasoning (FS)</td>
<td>Humanities (DH)</td>
<td>AA Elective (AAEL)</td>
</tr>
<tr>
<td></td>
<td>Global/Multicultural Perspectives (FG)</td>
<td>Literature and Language (DL)</td>
<td>Foreign/Hawaiian Language</td>
</tr>
<tr>
<td></td>
<td><strong>Click To Select</strong></td>
<td>Biological Sciences (DB)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Biological Sciences Lab (DY)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Physical Sciences (DP)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Physical Sciences Lab (DY)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Social Sciences (DS)</td>
<td></td>
</tr>
</tbody>
</table>

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#### IMPACT ON GEN ED
- **YES** ☑ NO
  - Is this course certified to meet Career & Technical Education (AS/ AAS/ ATS) GEN ED Requirements?  
  - If “YES”, select GEN ED below:
    - I. Communications (ASCM)
    - II. Quantitative or Logical Reasoning (ASQL)
    - III. Humanities and Fine Arts (ASGD)
    - IV. Natural Sciences (ASGA)
    - V. Social Sciences (ASGC)

#### IMPACT CONT.
- **YES** ☑ NO
  - Are any PROGRAMS impacted by this proposal? (i.e. Program Credits, Prerequisites, Requirements, Electives, etc.)  
  - If “Yes” attach Program Modification Form(s) and briefly explain below.

- **YES** ☑ NO
  - Are any COURSES impacted by this proposal? (i.e. Course Prerequisites, Co-requisites, Recommended Prep, Cross-Lists, etc.)  
  - If “Yes” attach Course Modification Form(s) and briefly explain below.

- **YES** ☑ NO
  - Were the affected Programs/Departments consulted and notified of the proposed changes?

#### MISC.
- **YES** ☑ NO
  - Does this proposal change resources required? (i.e. staff, equipment, facilities, etc.) If yes, provide details below.

### Additional Information:

The Math 37 is a prerequisite for Math 100Q, but that course will also be deleted. The math dept has been consulted.
University of Hawai‘i Honolulu Community College

CURRICULUM ACTION PROPOSAL
Deactivate or Activate a Course

<table>
<thead>
<tr>
<th>Course Alpha &amp; No.:</th>
<th>Math 100Q</th>
<th>Proposer:</th>
<th>S. Foster</th>
<th>Effective Term:</th>
<th>Fall 2016</th>
</tr>
</thead>
</table>

**THIS PROPOSAL:**
- Deactivates a Course – temporarily removes course from the HCC Catalog, while retaining record in Banner for future use.
  (To permanently remove a course, use the DELETE A COURSE form.)
- Activates a Course that was previously Deactivated.

**PROPOSAL SUMMARY (Include reasons for Deactivating or Activating the course.):**
Since the Math department is introducing a "non-Stem" pathway, this specialized course sequence is no longer needed. The Math 75X to Math 100 will complete the Quantway path in the same amount of time and will allow more options for students.

**SIGNATURES**

- Proposal:
  - Initiator / Date
  - Division Chair / Date
- Approval:
  - General Education Board (if applicable) / Date
  - Program Dean / Date
  - Division Curriculum Committee Chair / Date
  - Committee on Programs & Curricula Chair / Date
  - Vice Chancellor of Academic Affairs / Date
  - Chancellor / Date
**INSTRUCTIONS:** Complete all applicable fields. Continue overflow text under “Additional Information”. Attach copies of all Catalog pages that are affected with changes marked.

<table>
<thead>
<tr>
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<th>Math 100Q</th>
<th>Effective Term:</th>
<th>Fall 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title:</td>
<td>My Quantway II</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Is this course certified to meet Career & Technical Education (AS/AAS/ATS) GEN ED Requirements?**
  - If “YES”, select GEN ED below:
    - I. Communications (ASCM)
    - II. Quantitative or Logical Reasoning (ASQL)
    - III. Humanities and Fine Arts (ASGD)
    - IV. Natural Sciences (ASGA)
    - V. Social Sciences (ASGC)

- **Is this course certified to meet Liberal Arts (AA) GEN ED Requirements &/or UHM GEN ED Core Articulation?**
  - If “YES”, select GEN ED below:
    - LBART FOUNDATION
      - AA UHM Written Communication (FW)
      - √ Symbolic Reasoning (FS)
      - √ Global/Multicultural Perspectives (FG)
      - Click To Select
    - LBART DIVERSIFICATION
      - AA UHM Arts
      - Click To Select (DA)
      - Humanities (DH)
      - Literature and Language (DL)
      - Biological Sciences (DB)
      - Biological Sciences Lab (DY)
      - Physical Sciences (DP)
      - Physical Sciences Lab (DY)
      - Social Sciences (DS)
    - LBART OTHER
      - AA UHM
      - AA Speech
      - AA Elective (AAEL)
      - Foreign/Hawaiian Language

- **Are any PROGRAMS impacted by this proposal?** (i.e. Program Credits, Prerequisites, Requirements, Electives, etc.) If “Yes” attach Program Modification Form(s) and briefly explain below.
- **Are any COURSES impacted by this proposal?** (i.e. Course Prerequisites, Co-requisites, Recommended Prep, Cross-Lists, etc.) If “Yes” attach Course Modification Form(s) and briefly explain below.
- **Were the affected Programs/Departments consulted and notified of the proposed changes?**

  *The Math 100Q has the symbolic foundation, but students can still take Math 100/103/115. The math dept has been consulted.*

- **Does this proposal change resources required?** (i.e. staff, equipment, facilities, etc.) If yes, provide details below.

  *Additional Information:*