**1. COURSE TITLE\*:** Finite Math Co-Requisite

**2. CATALOG – PREFIX/COURSE NUMBER/COURSE SECTION\*: MATH 1123**

**3. PREREQUISITE\*:** Any of the following:

• Grade of C in Math 1116 Beginning Algebra.

• This course is recommended when repeating Math 1124 Finite Math.

• Three High school STEM or Core Math courses with grades of B or higher

(typically Algebra I, Geometry and Algebra II).

• Score of 20 or 21 on the math portion of the ACT

• QAS placement test score of 261 or 262.

• EA placement score of 80 – 89.

**CO-REQUISITE\*:** Math 1124 Finite Math

**4. COURSE TIME/LOCATION/MODALITY: (*Course Syllabus – Individual Instructor Specific*)**

Each section of Math 1123 will be paired with a Math 1124 section either immediately before or immediately after its co-requisite Math 1124 section.

**5. CREDIT HOURS\*:** 2 **LECTURE HOURS\*:** 2

**LABORATORY HOURS\*:** 0 **OBSERVATION HOURS\*:** 0

**6. FACULTY CONTACT INFORMATION: *(Course Syllabus – Individual Instructor Specific)***

**7. COURSE DESCRIPTION\*:**

This developmental level course is designed to be taken concurrently with Math 1124 Finite Math by students who need some extra support to be successful in Math 1124. This course will closely follow the topics being covered in the concurrent Math 1124 class and will include, as necessary, review topics from Math 1116 Beginning Algebra. The student should expect intense review or practice and collaboration with other students.

**8. LEARNING OUTCOMES\*:**

At the successful completion of this course the student will be able to demonstrate:

1. Skills that support the objectives of Math 1124 Finite Math.

2. Using a cooperative learning environment to support the primary course objectives of Math 1124 Finite Math.

3. Ability to access and use support systems to enhance their learning, which can include tutoring, videos and supplemental books.

**9. ADOPTED TEXT(S)\*:**

*Finite Mathematics,*

8th edition e-Textbook Only, available through Cengage Unlimited eBooks, $69.99

Howard L. Rolf.

            Cengage, 2014

ISBN: 9780357693933

You will purchase your e-textbook from the bookstore where you will be giving a code and instructions for accessing the e-Textbook.

Note: the 8th Edition textbook has gone out of hardback print but the e-textbook is still available.  For those wishing to use a hardback you may want to check the Bookstore to see if they have any 8th edition textbooks available. It may also be possible to find used 8th edition hardback copies at online sources.

**9a: SUPPLEMENTAL TEXTS APPROVED BY FULL TIME DEPARTMENTAL FACULTY (INSTRUCTOR MUST NOTIFY THE BOOKSTORE BEFORE THE TEXTBOOK ORDERING DEADLINE DATE PRIOR TO ADOPTION) \*\*\*.**

**10. OTHER REQUIRED MATERIALS: (SEE APPENDIX C FOR TECHNOLOGY REQUEST FORM.)\*\***

Students must have a scientific calculator.

**11. GRADING SCALE\*\*\*:**

Grading will follow the policy in the catalog. The scale is as follows:

A: 90 – 100

B: 80 – 89

C: 70 – 79

D: 60 – 69

F: 0 – 59

**12. GRADING PROCEDURES OR ASSESSMENTS: (*Course Syllabus – Individual Instructor Specific)***

Instructor will distribute method of evaluation to students. This may include quizzes, class participation, attendance.

**13. COURSE METHODOLOGY: *(Course Syllabus – Individual Instructor Specific)***

The course design provides flexibility for the instructor to use various instructional and assessment techniques, which may include the following:

• Limited class lecture using examples.

• Directed practice in class.

• Collaborative learning with fellow students.

• Quizzes.

**14. COURSE OUTLINE: *(Course Syllabus – Individual Instructor Specific)***

The course outline follows that of Math 1124 Finite Math.

**15. SPECIFIC MANAGEMENT REQUIREMENTS\*\*\*:**

This course follows the specific management requirements of Math 1124 Finite Math.

**16. FERPA:\***

Students need to understand that your work may be seen by others. Others may see your work when being distributed, during group project work, or if it is chosen for demonstration purposes. Students also need to know that there is a strong possibility that your work may be submitted to other entities for the purpose of plagiarism checks.

**17. DISABILITIES:\***

Students with disabilities may contact the Disability Services Office, Central Campus, at 800-628-7722 or 937-393-3431.

**18. OTHER INFORMATION\*\*\*:**

**SYLLABUS TEMPLATE KEY**

**\*** Item cannot be altered from that which is included in the master syllabus approved by the Curriculum Committee.

**\*\*** Any alteration or addition must be approved by the Curriculum Committee

\*\*\*Item should begin with language as approved in the master syllabus but may be added to at the discretion of the faculty member.