

**COLLEGEWIDE
COLLEGE ACADEMIC AND STUDENT SUPPORT COUNCIL (CASSC)
TUESDAY, MARCH 30, 1999
1:00 PM
WOLFSON CAMPUS - ROOM 3208-3209**

MINUTES

CHAIRPERSON: Ivan Figueroa

| | | |
|-------------------------|----------------------------|------------------------|
| MEMBERS PRESENT: | Alvaro Arenciba | Patrice Bailey |
| | Tony Barros | Ken Blye |
| | Joann Brown | Gina Cortes-Suarez |
| | Joyce Crawford | Joanne DeFalla |
| | Barbara Echord | James Evans |
| | Armando Ferrer | Joan Gosnell |
| | Dale Grussing | Nora Hernandez-Hendrix |
| | Rosany Hernandez-Rodriguez | Alexandria Holloway |
| | Susan Kah | Irene Lipof |
| | Suzanne Lynch | Nilia M. Madan |
| | Faye Morgan | Anthony Pappas |
| | Herbert Robinson | Luis Quesada |
| | Manuel Rosado | Richard Rose |
| | Paula Sargent | Geraldine Walker-Perry |

| | | |
|------------------------|------------------|----------------|
| MEMBERS ABSENT: | Wayne Bumpers | Arcie Ewell |
| | Sherry Freeman | Samuel Grant |
| | Jocelyne Legrand | Lillian Llamas |
| | Ana Pineda | Giselle Siu |
| | Serge Theodore | |

| | | |
|----------------|----------------|-----------------|
| GUESTS: | Fran Aronovitz | Janice Gordillo |
| | Carol Miller | MaryAnn Miller |
| | Jane Novoa | Carleen Spano |
| | Esperanza Vera | |

RECORDER: Carol McAlister

CURRICULUM ITEMS

1. **Medical Assisting Vocational Credit Certificate Program** Approved
Presented by Fran Aronovitz Unanimously
(Attachment I)
2. **First Responder** Approved
Presented by Carol Miller Unanimously
(Attachment II)
3. **Emergency Medical Technician - Basic** Approved
Presented by Carol Miller Unanimously
(Attachment III)
4. **Paramedic Certificate Program** Approved
Presented by Carol Miller Unanimously
(Attachment IV)
5. **Recommendations of the Mathematics Discipline Committee**
Presented by Brad Lawrence

(Amendments to original document in italic print. Original document deletions are underlined.)

Recommendation #1

The Mathematics Discipline Committee believes it is imperative that the College have at least one voting member in each of the statewide committees dealing with mathematics courses taught at Miami-Dade Community College. These voting members should be elected by the Mathematics Discipline Committee. If we do not succeed in having voting members, the Mathematics Discipline committee strongly recommends that faculty members and/or other Discipline Committee designee(s) nevertheless be in attendance at statewide meetings to serve in a support/advisory capacity. The college should provide funding for those attending the meetings.

Approved Unanimously

Recommendation #2

The State Course Profile for MAT 0012 includes only pre-algebra topics. It does not include any of the topics of algebra. However, the course we are currently offering under the number MAT 0012 consists primarily of algebraic topics. This is an inconsistency that needs to be corrected. Since the State course Profile for MAT 0020 is one that closely fits what we are teaching, the Mathematics Discipline committee recommends that MAT 0012 be renumbered as MAT 0020. A catalog is attached.

Approved Unanimously

Recommendation #3

The Mathematics Discipline Committee recommends that for Miami-Dade Community College,

- a. MGF 1113 be renumbered MGF 1106; and
- b. MGF 1114 be renumbered MGF 1107.

Note: This recommendation has already been forwarded to Mr. Matthew Bouck, coordinator of the Mathematics subcommittee of the Statewide Course Numbering Committee, in an effort to ensure that there will be no objections at the State level.

Approved Unanimously

Recommendation #4 (This recommendation is pending required approval by PEPC, the Post-Secondary Education Planning Commission.)

The Mathematics Discipline Committee recommends that the following criteria be used for the CLAST Alternative.

To qualify for the CLAST Alternative Mathematics the student must (both)

1. Complete any combination of two courses, with a grade of C or better, having prefixes MAC, MAP, MAS, MGF, or STA (and) *excluding laboratories*.
2. Obtaining at least a 2.5 grade average for the two courses used for the Alternative.

Approved Unanimously

Recommendation #5

The Mathematics Discipline Committee proposes the following new course descriptions for the 1999-2000 catalog:

MAT 0002 College Preparatory Arithmetic

4 Credits

This course introduces students to the basic concepts of arithmetic. Topics include addition, subtraction, multiplication and division of whole numbers, fractions, decimals, and their applications. Percents will also be *introduced* (covered). Placement test scores or referral determine admission. This course does not satisfy college level mathematics requirements for graduation. (6 contact hours lecture/lab)

Approved

25 in Favor

MAT 0020 College Preparatory Mathematics

5 Credits

This course combines arithmetic and beginning algebra. All topics taught in College Preparatory Arithmetic (MAT 0002) and College Preparatory Algebra (MAT 0024) are combined and taught in an orderly integrated sequence. Placement test scores or referral determine admission. This course does not satisfy college level mathematics requirements for graduation. (8 contact hours lecture/lab)

Approved

25 in Favor

MAT 0024 College Preparatory Algebra

4 Credits

This course introduces students to the basic concepts of algebra. Topics include sets, operations on signed numbers, solving linear equations and inequalities in one variable, operations in polynomials, factoring, integer exponents, radicals, graphing, and applications of these topics. Placement test scores or referral determine admission. This course does not satisfy college level mathematics requirements for graduation. (6 contact hours lecture/lab)

Approved

25 in Favor

MAC 1105 College Algebra

3 Credits

This course includes the following topics: functions and functional notation; domains and ranges of

functions; graphs of functions and relations; operations on functions; inverse functions; linear, quadratic and rational functions; absolute value and radical functions; exponential and logarithmic properties, functions and equations; systems of equations and inequalities; mathematical modeling; and applications of the topics listed above.

Prerequisite: MAT 1033 with a grade of C or higher, *or required score on approved test*, or departmental permission.

Amended Motion
Approved
27 in Favor

MAC 1147 Pre-Calculus Algebra/Trigonometry 5 Credits

This course includes all of the topics *taught (covered)* in Pre-Calculus Algebra (MAC 1140) and in Trigonometry (MAC 1114). See the course descriptions for MAC 1140 and MAC 1114 for the MAC 1147 topics. The course is designed for students with a strong high school background in algebra and trigonometry, or for students who performed very well in College Algebra.

Prerequisite: MAC 1102 or MAC 1105 with a grade of C or better, or departmental permission.

Approved
23 in Favor

MGF 1106 Mathematics for Liberal Arts I 3 Credits

This course *includes topics (addresses essential competencies)* in geometry, probability and statistics, and sets and logic. It also *includes (covers)* selected topics in the history of mathematics.

Prerequisite: MAT 1033 with a grade of C or higher, *or required score on approved test*, or departmental permission.

Approved
27 in Favor

MGF 1107 Mathematics for Liberal Arts II 3 Credits

This course *includes topics (addresses essential competencies)* in the mathematics of finance, linear and exponential growth, number systems and elementary number theory, graph theory, and voting techniques. It also *includes (covers)* selected topics in the history of mathematics.

Prerequisite: MAT 1033 with a grade of C or higher, *or required score on approved test*, or departmental permission.

Approved
27 in Favor

Recommendation #6

The Mathematics Discipline Committee recommends that the following courses be deleted from the 1999-2000 catalog: MAT 0003, MAT 0012, MAC 1102, MAC 1132, MGF 1113, and MGF 1114. With one exception, these deletions are necessitated by state mandates. The exception is MAT 0012, which is addressed in recommendation #2 above. The net result of all these proposals will be as follows:

Courses Deleted

MAT 0003

Replaced By

MAT 0002