

**COLLEGE-WIDE ACADEMIC AND STUDENT SUPPORT COUNCIL
TUESDAY, FEBRUARY 11, 2003
WOLFSON CAMPUS –ROOM 2106 – 1:30 P.M.**

MINUTES

CHAIR: David Brubeck

MEMBERS PRESENT:

Juan Abascal	Holly Anderson
Alvaro Arencibia	Charles Beavin
Dana Crawford	Ian Cobham
Gina Cortes-Suarez	Oscar DeArmas
Shirly Ferguson	Armando Ferrer
Alex Gancedo	Joan Gosnell
Mario Guerrier	Rosemary Green
Michael Guttman	Robert Hatch
Winnie Huang	Maria Jofre
Susan Kah	Anna Leggett
Kaiyang Liang	Delia Lopez
Annmarie Masi	Connie Miller
Rolando Montoya	David Paul
Madeline Pumariega	Theresa Roberts
Herb Robinson	Nidia Romer
Emily Sendin	Milagros Stoff
James Sullivan	Cleveland Taylor

MEMBERS ABSENT:

Roberto Hernandez	(Notification Received)
Peter Kuentzel	(On Leave)
Ken Lee	(Notification Received)
Josefina Llarena	(Notification Received)
Cristina Mateo	(Substitute Alvaro Arencibia)
Madeline Pumariega	(Substitute Delia Lopez)
Carleen Spano	(Substitute Alex Gancedo)

PRESENTERS: Nora Hernandez-Hendrix
Annmarie Masi
Leslie Roberts

RESOURCE: Ken Blye
Gabriela Buitron
Karen Hays
MaryAnn Miller

RECORDER: Carol McAlister

1. **Call to Order**
David Brubeck called the meeting to order.
2. **Approval of the College-wide CASSC Minutes of December 3, 2002**
The College-wide CASSC minutes of December 3, 2002 were approved with the following change: Page 8 - aquerous to aqueous.
3. **Presentation by Karen Hays**
Legislative Update
Community College funding for next year is currently looking weak, particularly for the Miami-Dade Community College. All employees were encouraged to notify their legislators by personal mail, e-mail or fax machine, with their concerns regarding funding issues for community colleges, and specifically for M-DCC.

Math Retreat

A Math Retreat was held on February 6th and 7th. Approximately 44 faculty participated in the math retreat on the first day, and about 40 on the second day. Math faculty reviewed the curriculum in college prep and college algebra courses (high risk courses) in order to develop pilot projects to enhance student success in the mathematics curriculum. A math faculty resource center was also discussed. The faculty were enthusiastic and will move forward to initiate and implement some recommendations from the retreat.

4. **New Apprenticeship-Vocational Credit Certificates**
Nora Hernandez-Hendrix presented the Electricity Apprenticeship Vocational Credit Certificate Program

The Electricity Apprenticeship Program is offered by Miami-Dade Community College in partnership with an industry apprentice organization. Students receive a combination of classroom instruction and on-the-job training where they learn the practical and theoretical aspects of the highly skilled occupation of Commercial Electrician.

This is a four-year program, for a total of 8,720 hours, which upon successful completion, awards the student a Journey Level credential from the trade, as well as a Vocational Credit Certificate from the College. In order to participate in the apprenticeship program, the student must be employed full-time with a participating sponsor.

290.67 Vocational Credits 290.67

Add New Vocational Credit Courses

<u>Course</u>		<u>Voc.</u>		<u>Eff.</u>
<u>Abbr. No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Term</u>
BCA 0350	Electricity 1	3	1,2,3,5,6	2002-2
BCA 0351	Electricity 2	3	1,2,3,5,6	2002-2
BCA 0352	Electricity 3	3	1,2,3,5,6	2002-2
BCA 0353	Electricity 4	3	1,2,3,5,6	2002-2
BCA 0354	Electricity 5	3	1,2,3,5,6	2002-2
BCA 0355	Electricity 6	3	1,2,3,5,6	2002-2
BCA 0356	Electricity 7	3	1,2,3,5,6	2002-2
BCA 0357	Electricity 8	3	1,2,3,5,6	2002-2

BCA 0358	Electricity Co-Op 1	18.13	1,2,3,5,6	2002-2
BCA 0359	Electricity Co-Op 2	18.13	1,2,3,5,6	2002-2
BCA 0361	Electricity Co-Op 3	18.13	1,2,3,5,6	2002-2
BCA 0362	Electricity Co-Op 4	18.13	1,2,3,5,6	2002-2
BCA 0364	Electricity Co-Op 5	18.13	1,2,3,5,6	2002-2
BCA 0365	Electricity Co-Op 6	18.13	1,2,3,5,6	2002-2
BCA 0367	Electricity Co-Op 7	18.13	1,2,3,5,6	2002-2
BCA 0368	Electricity Co-Op 8	18.13	1,2,3,5,6	2002-2
BCA 0360	Electricity Co-Op Summer 1	30.40	1,2,3,5,6	2002-2
BCA 0363	Electricity Co-Op Summer 2	30.40	1,2,3,5,6	2002-2
BCA 0366	Electricity Co-Op Summer 3	30.40	1,2,3,5,6	2002-2
BCA 0369	Electricity Co-Op Summer 4	30.40	1,2,3,5,6	2002-2

5. **Nora Hernandez Hendrix presented the Fire Sprinkler Apprenticeship Vocational Credit Certificate Program**

The Fire Sprinkler Apprenticeship Program is offered by Miami-Dade Community College in partnership with an industry apprenticeship organization. Students receive a combination of classroom instruction and on-the-job training where they learn the practical and theoretical aspects of the highly skilled occupation of Fire Sprinkler System installer.

This is a four-year program, for a total of 8,640 hours, which upon successful completion, awards the student a Journey Level credential from the trade, as well as a Vocational Credit Certificate from the College. In order to participate in the apprenticeship program, the student must be employed full-time with a participating sponsor.

288 Vocational Credits

Add New Vocational Credit Courses

<u>Course</u>		<u>Voc.</u>		<u>Eff.</u>
<u>Abbr. No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Term</u>
BCA 0470	Fire Sprinkler 1	2.67	1,2,3,5,6	2002-2
BCA 0471	Fire Sprinkler 2	2.67	1,2,3,5,6	2002-2
BCA 0472	Fire Sprinkler 3	2.67	1,2,3,5,6	2002-2
BCA 0473	Fire Sprinkler 4	2.67	1,2,3,5,6	2002-2
BCA 0474	Fire Sprinkler 5	2.67	1,2,3,5,6	2002-2
BCA 0475	Fire Sprinkler 6	2.67	1,2,3,5,6	2002-2
BCA 0476	Fire Sprinkler 7	2.67	1,2,3,5,6	2002-2
BCA 0477	Fire Sprinkler 8	2.67	1,2,3,5,6	2002-2
BCA 0480	Fire Sprinkler Co-Op 1	18.13	1,2,3,5,6	2002-2
BCA 0481	Fire Sprinkler Co-Op 2	18.13	1,2,3,5,6	2002-2
BCA 0483	Fire Sprinkler Co-Op 3	18.13	1,2,3,5,6	2002-2
BCA 0484	Fire Sprinkler Co-Op 4	18.13	1,2,3,5,6	2002-2
BCA 0486	Fire Sprinkler Co-Op 5	18.13	1,2,3,5,6	2002-2
BCA 0487	Fire Sprinkler Co-Op 6	18.13	1,2,3,5,6	2002-2

BCA 0489	Fire Sprinkler Co-Op 7	18.13	1,2,3,5,6	2002-2
BCA 0490	Fire Sprinkler Co-Op 8	18.13	1,2,3,5,6	2002-2
BCA 0482	Fire Sprinkler Co-Op Summer 1	30.40	1,2,3,5,6	2002-2
BCA 0485	Fire Sprinkler Co-Op Summer 2	30.40	1,2,3,5,6	2002-2
BCA 0488	Fire Sprinkler Co-Op Summer 3	30.40	1,2,3,5,6	2002-2
BCA 0491	Fire Sprinkler Co-Op Summer 4	30.40	1,2,3,5,6	2002-2

6. **Nora Hernandez-Hendrix presented the Heating, Ventilation & Air Conditioning (HVAC) Apprenticeship Vocational Credit Certificate Program**

The Heating, Ventilation, & Air Conditioning (HVAC) Apprenticeship Program is offered by Miami-Dade Community College in partnership with an industry apprenticeship organization. Students receive a combination of classroom instruction and on-the-job training where they learn the practical and theoretical aspects of the highly skilled occupation of Air Conditioning, Refrigeration, and Heating Technician.

This is a four-year program, for a total of 8,640 hours, which upon successful completion, awards the student a Journey Level credential from the trade, as well as a Vocational Credit Certificate from the College. In order to participate in the apprenticeship program, the student must be employed full-time with a participating sponsor.

288 Vocational Credits

Add New Vocational Credit Courses

<u>Course</u>		<u>Voc.</u>		<u>Eff.</u>
<u>Abbr. No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Term</u>
BCA 0650	HVAC 1	2.67	1,2,3,5,6	2002-2
BCA 0651	HVAC 2	2.67	1,2,3,5,6	2002-2
BCA 0652	HVAC 3	2.67	1,2,3,5,6	2002-2
BCA 0653	HVAC 4	2.67	1,2,3,5,6	2002-2
BCA 0654	HVAC 5	2.67	1,2,3,5,6	2002-2
BCA 0655	HVAC 6	2.67	1,2,3,5,6	2002-2
BCA 0656	HVAC 7	2.67	1,2,3,5,6	2002-2
BCA 0657	HVAC 8	2.67	1,2,3,5,6	2002-2
BCA 0660	HVAC Co-Op 1	18.13	1,2,3,5,6	2002-2
BCA 0661	HVAC Co-Op 2	18.13	1,2,3,5,6	2002-2
BCA 0663	HVAC Co-Op 3	18.13	1,2,3,5,6	2002-2
BCA 0664	HVAC Co-Op 4	18.13	1,2,3,5,6	2002-2
BCA 0666	HVAC Co-Op 5	18.13	1,2,3,5,6	2002-2
BCA 0667	HVAC Co-Op 6	18.13	1,2,3,5,6	2002-2
BCA 0669	HVAC Co-Op 7	18.13	1,2,3,5,6	2002-2
BCA 0670	HVAC Co-Op 8	18.13	1,2,3,5,6	2002-2
BCA 0662	HVAC Co-Op Summer 1	30.40	1,2,3,5,6	2002-2
BCA 0665	HVAC Co-Op Summer 2	30.40	1,2,3,5,6	2002-2
BCA 0668	HVAC Co-Op Summer 3	30.40	1,2,3,5,6	2002-2
BCA 0671	HVAC Co-Op Summer 4	30.40	1,2,3,5,6	2002-2

7. **Nora Hernandez-Hendrix presented the Sheet Metal Apprenticeship Vocational Credit Certificate Program**

The Sheet Metal Apprenticeship Program is offered by Miami-Dade Community College in partnership with an industry apprenticeship organization. Students receive a combination of classroom instruction and on-the-job training where they learn the practical and theoretical aspects of the highly skilled occupation of Sheet Metal Welder.

This is a four-year program, for a total of 8,648 hours, which upon successful completion, awards the student a Journey Level credential from the trade, as well as a Vocational Credit Certificate from the College. In order to participate in the apprenticeship program, the student must be employed full-time with a participating sponsor.

288.27 Vocational Credits

Add New Vocational Credit Courses

<u>Course</u>		<u>Voc.</u>		<u>Eff.</u>
<u>Abbr. No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Term</u>
PMT 0391	Sheet Metal 1	2.7	1,2,3,5,6	2002-2
PMT 0392	Sheet Metal 2	2.7	1,2,3,5,6	2002-2
PMT 0393	Sheet Metal 3	2.7	1,2,3,5,6	2002-2
PMT 0394	Sheet Metal 4	2.7	1,2,3,5,6	2002-2
PMT 0395	Sheet Metal 5	2.7	1,2,3,5,6	2002-2
PMT 0396	Sheet Metal 6	2.7	1,2,3,5,6	2002-2
PMT 0397	Sheet Metal 7	2.7	1,2,3,5,6	2002-2
PMT 0398	Sheet Metal 8	2.7	1,2,3,5,6	2002-2
PMT 0942	Sheet Metal Co-Op 1	18.13	1,2,3,5,6	2002-2
PMT 0943	Sheet Metal Co-Op 2	18.13	1,2,3,5,6	2002-2
PMT 0945	Sheet Metal Co-Op 3	18.13	1,2,3,5,6	2002-2
PMT 0946	Sheet Metal Co-Op 4	18.13	1,2,3,5,6	2002-2
PMT 0948	Sheet Metal Co-Op 5	18.13	1,2,3,5,6	2002-2
PMT 0949	Sheet Metal Co-Op 6	18.13	1,2,3,5,6	2002-2
PMT 0951	Sheet Metal Co-Op 7	18.13	1,2,3,5,6	2002-2
PMT 0952	Sheet Metal Co-Op 8	18.13	1,2,3,5,6	2002-2
PMT 0944	Sheet Metal Co-Op Summer 1	30.40	1,2,3,5,6	2002-2
PMT 0947	Sheet Metal Co-Op Summer 2	30.40	1,2,3,5,6	2002-2
PMT 0950	Sheet Metal Co-Op Summer 3	30.40	1,2,3,5,6	2002-2
PMT 0953	Sheet Metal Co-Op Summer 4	30.40	1,2,3,5,6	2002-2

Electricity Apprenticeship Vocational Credit Certificate Program and New Courses

Fire Sprinkler Apprenticeship Vocation Credit Certificate and New Courses

Heating, Ventilation and Air Conditioning (HVAC) Apprenticeship vocational Credit Certificate Program & New Courses

Sheet Metal Apprenticeship Program and New Courses

**UNANIMOUSLY
APPROVED**

1 ABSTAINED

8. **School of Education**

Joan Gosnell introduced Leslie Roberts who presented a *Baccalaureate Degree Program in Teacher Education*.

Critical Teacher Shortage

- 2 million new teaching positions in the U.S. by the year 2010
- 16,000 new teaching positions in Florida each year for the next ten years
 - Florida universities produce 6,000 new teachers each year
 - An estimated 40% do not teach in public school system
- 5,400 new teaching positions in M-DCPS and BCPS each year for the next several years
- 1,851 projected teacher education graduates from local colleges and universities 2000-01
- M-DCPS hired 3,161 new teachers last Fall & 1,305 were from local colleges and universities

Impact of Amendment Nine

- State expects need for additional 32,000 new teachers by 2010
- M-DCPS expects to hire additional 4,845 new teachers by 2010
- These figures are in addition to prior projections

Need for Minority Teachers

- Nearly 40% of nation's public school student population is minority
- Approximately 13% of the nation's teaching force is minority
- A significant number of minority teachers will reach retirement age within the next few years
- In Florida in 1999:
 - 25 % of students, 14% of teachers were African American
 - 18% of students, 8% of teachers were Hispanic
 - 54% of students, 77% of teachers were white non-Hispanic
- Minority teachers serve as positive intellectual and professional role models for both minority and white students

State Concerns

- Florida ranks
 - 43rd in high school graduates enrolled in college
 - 38th in the percentage of its college age population attending college
 - 47th in number of baccalaureate degrees earned each year
- Workforce issues, e.g., critical teacher shortage

State Response

- Florida Postsecondary Education Planning Commission established a goal to increase baccalaureate degrees by 150,000 within ten years
- Recommended selected community colleges be authorized to offer limited bachelor's degrees in areas where
 - There is a critical workforce demand
 - Universities are not meeting the workforce needs
- Legislature mandated reorganization of education system: K-20 seamless system of delivery

The Role of Community Colleges

- 70% of all elementary education teachers at M-DCPS took their ONLY college level math and science courses at M-DCC
- Community colleges are the major point of entry for a significant portion of future minority teachers
- Community colleges have traditionally provided career ladders for the local workforce
- The focus of community colleges on teaching and learning makes it a natural training ground for future teachers

Miami-Dade Community College School of Education

- 5,108 education majors, Fall 2001
- 89% minority – racial, ethnic, linguistic characteristics of local school population
- Half have native language other than English
- Nearly 2/3 enroll part-time (working adults)

Successful Alumni

- M-DCC education graduates outperform native university students in SUS Colleges of Education on a number of measures:
 - Higher mean cumulative GPA – 3.24 compared to 3.06
 - Higher percentage with GPA above 3.0 – 73% compared to 60%
 - Fewer credit hours to degree completion
- Many M-DCC alumni are National Board Certified teachers

M-DCC's Proposal to Offer Baccalaureate

- Application to CEPRI January, 2002
- Florida Board of Education approval May, 2002
- SACS application approval December, 2002
- SACS visit October, 2003
- State approval for teacher education programs June, 2005
- National accreditation

M-DCC Baccalaureate Programs in Education

- Commence Fall, 2003
- BS/BA
 - Exceptional Student Education
 - Secondary Math
 - Secondary Science
 - Biology
 - Chemistry
 - Physics
 - Earth Science

Target Populations

- A.A. degree-holders who did not transfer
- A.S. degree-holders who may be working in the field (Early Childhood)
- Teacher aides and other paraprofessionals
- Non-education majors, especially math and science
- Working adults
- Emphasis on minorities

State Requirements for Teacher Education

- Admissions Criteria
- General Education
- Professional Education
- Subject Area Specialization
- State and National Standards
- Structured Field Experiences
- Technology Across the Curriculum
- Strategies for Limited English Proficiency (LEP) Students
- Diverse Student Populations

State Admissions Criteria

- Associate in Arts degree from a regionally accredited institution
- Earned overall GPA of 2.5 in all lower division coursework
- Pass all four subtests of the CLAST exam (no waivers or exemptions)
- Completion of all required course prerequisites
- Written essay (Miami-Dade Community College specific requirement)

General Education

- 9 hours in communications, including writing, literature, speech
- 9 hours in mathematics, including MAC 1105 or above and geometry
- 9 hours in earth, life, and physical science with one associated lab.
- 6 hours in humanities, including philosophy and fine arts.
- 12 hours in the social sciences, including PSY 2012, DEP 2000, and American history.
- Three education courses – EDF 1005, EDG 2701, EME 2040
- 6 additional hours in diversity
- Specific courses in subject area (e.g., math education, science education)

Professional Education

- Human development and learning
- Classroom management
- Assessment
- Reading/literacy acquisition
- Methods courses
- Internship

State and National Standards

- Florida Educator Accomplished Practices
- Subject Matter Content Standards for Teachers
- Florida Teacher Certification Exam Competencies
- Standards for Initial Approval for Teacher Education
- Sunshine State Standards
- Discipline specific, e.g. National Science Teachers Association
- National Council for Accreditation of Teacher Education (NCATE)

Curriculum Benchmarks

- SACS application – program outlines, course descriptions August, 2002
- Program outline completion, course competencies approved by College-wide CASSC by April, 2003
- Folios to state for program approval by Fall, 2003
- SACS visit October, 2003
- State approval visit Spring, 2004
- NCATE - TBA

Leslie Roberts and Annmarie Masi presented the following new courses:

Add New College Credit Courses

<u>Course</u> <u>Abbr. No.</u>	<u>Course Title</u>	<u>College</u> <u>Credits</u>	<u>Campus</u>	<u>Eff.</u> <u>Term</u>
EDF 3214	Human Development and Learning	3	1,2,3,5,6	2003-1

Course Description:

This course is designed to familiarize the student with principles of learning theories and the student development and their application to teaching/learning. Self-concept, motivation, specific language and cultural needs, teaching and learning styles, learning abilities and disabilities, as well as views of intelligence and assessment are examined. Opportunities are provided to analyze teaching/learning situations and develop multiple strategies of instructional delivery. Emphasis is placed on the interaction between the role of the teacher and the needs of students at various developmental ages and stages. A minimum of 10 hours of observation/teaching specifically related to principles of learning and development are required. These competencies are based in part on the Florida Educator Accomplished Practices. Prerequisite: DEP 2000 or PSY 2012.

<u>Course</u> <u>Abbr. No.</u>	<u>Course Title</u>	<u>College</u> <u>Credits</u>	<u>Campus</u>	<u>Eff.</u> <u>Term</u>
EDF 4430	Measurement, Evaluation & Assessment In Education	3	1,2,3,5,6	2003-1

Course Description:

This course is designed to familiarize the student with principles of traditional and alternative assessment strategies, including behaviorist, constructivist and transpersonal measures. Topics include ensuring equity with authentic assessments, rethinking assessment and its role in supporting educational reform, integrating assessment and instruction in ways that support learning, reporting assessment results and assessing the learner's progress appropriately. In addition, the course will highlight acquiring an understanding of the content measured by state achievement tests, reading and interpreting data and using data to improve student achievement. Finally, the course will enable the match of instructional strategies to the learner's cognitive, social, linguistic, emotional and physical needs. These competencies are based in part on the Florida Educator Accomplished Practices. Prerequisites: probability and statistics.

<u>Course</u> <u>Abbr. No.</u>	<u>Course Title</u>	<u>College</u> <u>Credits</u>	<u>Campus</u>	<u>Eff.</u> <u>Term</u>
EDG 3410	Classroom Management & Communication K-12	3	1,2,3,5,6	2003-1

Course Description:

This course is designed to familiarize the student with the basic skills and knowledge needed to develop practical strategies and techniques to create a positive and cooperative classroom climate for maximum learning. The course emphasizes organization and management of multiple learning environments and multiple approaches to instructional delivery. This includes alternative instructional strategies such as, but not limited to,

collaborative learning, peer tutoring, linked course and coordinated studies learning communities. In addition, the course stresses the influence of environmental factors on behavior, the accountability of students for their own behavior, and an analysis of the legal and ethical issues pertaining to positive behavioral management strategies and disciplinary actions. Finally, the course emphasizes the cognitive, linguistic, affective and cultural needs of individual students so that teachers may design safe and appropriate instructional settings. A minimum of 10 hours of observation/teaching specifically related to principles of learning and development are required. These competencies are based in part on the Florida Educator Accomplished Practices. Prerequisite: EDF 3214.

<u>Course</u>		<u>College</u>	<u>Eff.</u>
<u>Abbr. No.</u>	<u>Course Title</u>	<u>Credits</u> <u>Campus</u>	<u>Term</u>
RED 3355	Reading in the Content Areas	3 1,2,3,5,6	2003-1

Course Description:

This course is designed to enable pre-service teachers of subject matter content to acquire knowledge, skills and techniques necessary to guide secondary level students to become successful learners. Students will also learn and evaluate the methodology currently available for combining teaching instruction with subject matter instruction. Special attention will be given to determining the relationship between the methodology and research-based principles of learning and effective teaching in the area of reading. These competencies are based in part on the Florida Educator Accomplished Practices.

FOUR NEW COURSES

EDF 3214	Human Development and Learning
EDF 4430	Measurement, Evaluation & Assessment In Education
EDG 3410	Classroom Management & Communication K-12
RED 3355	Reading in the Content Areas

**UNANIMOUSLY
APPROVED**

9. **Committee Report**

No committee reports were presented.

Juan Abascal addressed the importance of the CASSC committees in terms of SACS accreditation. He explained that the committees demonstrate decision-making, support of the College, and continuous improvement as well as looking at and addressing issues. It is the responsibility of each CASSC committee to accomplish the committee charge.

David Brubeck asked the College-wide CASSC members serving on committees offer the committee encouragement to meet their responsibilities in a timely manner.

The meeting was adjourned at 2:50.

College-wide CASSC Schedule/Wolfson Campus

March 11, 2003	1:30 p.m.	Room 2106
April 8, 2003	1:30 p.m.	Room 2106
May 13, 2003	1:30 p.m.	Room 2106
June 10, 2003	1:30 p.m.	Room 2106

July and August – No Meeting

WEB INFORMATION
COLLEGE-WIDE CASSC AND CURRICULUM FORMS

- (1) M-DCC HOME PAGE**
- (2) CLICK ON EMPLOYEES**
- (3) UNDER THE EMPLOYEES MENU, DEPARTMENTS & ORGANIZATIONS,**
THE FIRST BULLET IS CASSC
- (4) CLICK ON CASSC**
- (5) ON THE LEFT SIDE OF THE PAGE IS “QUICK LINKS”**
- (6) CLICK ON CURRICULUM FORMS**