Report from the Academic Advisory Committee for the Computing Disciplines Meeting
February 3-4, 2005, at Georgia Perimeter College, Dunwoody Campus

In Attendance:

Gerald Adkins, Georgia College
Julia Benson-Slaughter, Georgia Perimeter College
Mitch Clifton, University of West Georgia
Bob Cook, Georgia Southern University
Venu Dasigi, Southern Polytechnic
Maureen Diggers, Georgia Tech
Wanda Eanes, Macon State College
Mathias Fonkam, Albany State
Charles Fowler, Gainesville College
Ahmad Ghalocheim, North Georgia College & State University
Susan Glenn, Gordon College
Randall Griffus, Dalton State College
Mark Guzdial, Georgia Tech
Efosa C. Idemudia, Middle Georgia College
Byron Jeff, Clayton College & State University
Kam Fui Lau, Armstrong Atlantic State University
Tom Maier, Asst. Vice Chancellor, Information Technology
M. Dee Medley, Augusta State University
Jerome Myricks, Albany State
Boris Peltsverger, Georgia Southwestern State University
Leigh M. Ratliff, Waycross College
Gary S. Rogers, Macon State College
Becky Rutherfoord, Southern Polytechnic State University
Ron Schroeder, Southern Polytechnic
Ben Setzer, Kennesaw State University
Abul Sheikh, Abraham Baldwin College
Charles Shipley, Armstrong Atlantic State University
Rani Singh, Darton College
Lee Southard, Coastal Georgia Community College
Wayne Summers, Columbus State University
Pinghua Wang, Floyd College
Mary Dwyer Wolfe, Macon State College
Business Meeting Minutes
10:50am
Bob Cook, Chair – Elect and Recording Secretary
Roll called

Quorum declared

Byron Jeff and Wayne Summers moved to approve previous minutes

Jeff/Summers motion amended by Chuck Shipley and Wanda Eanes to state “Minutes must include all reports, attachments, and documents plus any recommendations to the Board of Regents.”

Unanimous approval of amendment.

Original motion and second withdrawn

Mary Wolfe and Dee Medley moved to gather materials for the previous minutes and then to seek approval by email
Unanimous approval of motion

Bob Cook and Byron Jeff moved
For next meeting at Georgia Southern University, Feb. 9-10 2006.

Bob Cook and Byron Jeff moved
“Minutes must include all reports, attachments, and documents plus any recommendations to the Board of Regents.”
Passed Unanimously

Bob Cook and Byron Jeff moved
“to link http://turing.gcsu.edu/~aaced to the BOR website and vice versa.”
Passed unanimously

Mark Guzdial, nominated as Chair Elect
Wayne Summers, nominated as At-large member of the Executive Committee
Ex-committee nominated, Byron Jeff seconded
Passed Unanimously

Survey (attached Appendix II) on schools with ACM journals and/or Digital Library transmitted to Tom Maier to support 2004 request for statewide Digital Library access.
Resolution by Gerald Adkins to commend Chuck Shipley (attached)
Seconded by Bob Cook, Passed Unanimously

**Resolution**

Be it resolved that the 2004-2005 Academic Advisory Committee on Computing Disciplines recognizes Charles Shipley, Professor of Computer Science and Chair of the Computer Science Department, Armstrong Atlantic State University, for his many years of exemplary service and leadership on the Academic Advisory Committee. His dry wit and wisdom will be missed by all.

Chuck Shipley and Mary Dwyer
Moved Bylaws drafted by the Executive Committee add Software Engineering to list in the 1st paragraph
Dee Medley and Byron Jeff seconded

Chuck Shipley and Byron Jeff moved to strike last sentence of 1st Paragraph

Dee Medley and Byron Jeff – moved to amend to “a majority of the voting membership”

First sentence be amended.
Byron Jeff and Abul Sheikh

“By the Chair” phrase added
Charles Shipley and Byron Jeff

 Modified phrase to “designated by the Chancellor.”
Byron Jeff and M. Dee Medley

Amended bylaws adopted unanimously

Report (attached Appendix I) submitted by the IT Curriculum Committee – Byron Jeff moved to accept. Venu seconded.
Voted Unanimously. Area F – IT and Learning Outcomes

3 Top Issues accepted by Committee (attached Appendix III)
Gary Rogers and M. Dee Medley seconded, motion approved
Passed unanimously.

ANNOUNCEMENTS:

Wanda Eanes– conference on scholarships in E-Learning in the Fall – Call for Papers

Becky Rutherford – IT Accreditation issues – www.sigit.org

Charles Shipley – Appreciation to Julia for hosting meeting
Wayne Summers – REU Grant for Summer

M. Dee Medley – Mercer all Georgia Programming Contest

Venu Dasigi – ACM SE Conference in March

Wayne Summers moved - Mary seconded to Adjourn, motion approved

**Appendix I**

**Meeting notes for 2005 AACCDD Area F subcommittee February 3-4 2005**  
**Georgia Perimeter College**

The Area F subcommittee comprised of:

<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Becky Rutherford (chair)</td>
<td>SPSU</td>
<td>brutherf@spsu</td>
</tr>
<tr>
<td>Ahmad Ghafarian</td>
<td>North GA College and State University</td>
<td>aghafahian@n</td>
</tr>
<tr>
<td>Kam Fui Lau</td>
<td>Armstrong Atlantic State University</td>
<td>kamlau@drak</td>
</tr>
<tr>
<td>Lee Southard</td>
<td>Coastal GA Community College</td>
<td>southard@cgc</td>
</tr>
<tr>
<td>Randal Griffus</td>
<td>Dalton State College</td>
<td><a href="mailto:rgriffus@em.c">rgriffus@em.c</a></td>
</tr>
<tr>
<td>Byron Jeff (Recording Secretary)</td>
<td>Clayton College and State University</td>
<td>byronjeff@ma</td>
</tr>
<tr>
<td>Mathias Fonkam</td>
<td>Albany State University</td>
<td>mathias.fonkai</td>
</tr>
<tr>
<td>Efosa Idemundia</td>
<td>Middle Georgia College</td>
<td>eidemundia@t</td>
</tr>
</tbody>
</table>

**Area F Recommendations**

The subcommittee determined that the CS recommendations from the 2004 meeting required no modifications. The subcommittee evaluated the 2003 and 2004 IT documentation and recommends the following recommendations for Area F in Information Technology:

**Area F For IT shall consist of:**

- Programming Courses                     6-8 hours
- Introduction to IT                      2-3 hours
- Mathematics                             2-4 hours
  - Discrete or Statistics or Calculus or Finite Math
- Program Specific Electives               3-8 hours
  - Selected from IT, Math, CS, or IT application area

Note that the specific math requirements were listed in the 2003 area F.  
The subcommittee added Finite Math to the Mathematics Class list.
Learning Objectives -- IT

INTRO TO IT

Students will be able to:
1. Understand and use binary number systems.
2. Understand the terminology of IT.
3. Understand the basic areas of IT (database, programming, networks, and web development).

PROGRAMMING

Students will be able to:
1. Understand how to solve problems using a computer programming language.
2. Understand how to develop an algorithm to solve a problem.
3. Understand and apply how to test and debug programs.

MATHEMATICS

Students will be able to:
Develop problem solutions abstractly using mathematical concepts.
## Appendix II

**ACM Digital Library**

Paper Copy or Digital Subscriptions**

<table>
<thead>
<tr>
<th>SCHOOL</th>
<th>DIGITAL</th>
<th>FULL LIBRARY ACM INST. MEMBERSHIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>GCSU</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>AASU</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>MSC</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Columbus State Univ.</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>GA SW State Univ.</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>NGCSU</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>CGCC</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Georgia Southern Univ.</td>
<td>Yes (but rarely)</td>
<td>No</td>
</tr>
<tr>
<td>Augusta State</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Albany State Univ.</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>AASU (Info Tech)</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>GA Tech</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>GA Perimeter</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Southern Poly (SPSU)</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Dalton State College</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>U. of West Georgia</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Gordon College</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Middle Georgia College</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Darton College</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**A “No” in both columns automatically flags a school as deficient by ABET accreditation standards in CS, IS, and IT.**
Appendix III

Top “Three” Issues

Assessment & Accreditation

Evaluation of faculty

Accreditation time and effort

Digital Library Resources

Assessment of a Program vs. Course Assessment
Curricula Changes due to Market Conditions and other Country educational Changes

Hiring & Retention

Reasonable course loads

Extra funding for New Faculty (h/w & s/w)

“Graying” of Current Faculty

Training Funds for Faculty
Hardware & Software Funding

Instructional Support

Hardware & Software Funding

Online Course Compensation

Support for online Courses (e.g. WebCT)

Discipline-based versus Number of Students