

Armstrong

Graduate Affairs Committee

MR

EV

, H

, W

, W

EW

EW

W

EW

EW

GEW

W

9 &

9 W

GEW

EW

W

9 EW

EW

9 E

9 EW

Armstrong

GRADUATE CURRICULUM COMMITTEE BMLD00 DMSPEH

PRESENT:DFDPLDRJDD
:LWOLVBUVNDORJGLW

UDVSRBJJDUMD

ABSENT:RNDIDDG

GUESTS:RNDMLFLD:DFKJ

CALL TO ORDER. WDVDOOBRRUGH
:LW

DPEUMD

APPROVAL OF MINUTES. ALRIDUFESSURDV
SUM

ITEMS

I. College of Education

A. Adolescent and Adult Education (no items)

B. Childhood and Exceptional Student Education

Items 1-7 from the Department of Childhood and Exceptional Student Education were discussed and approved by the committee.

1. Create the following course:

RDEN 7210 Instruction for Struggling Readers

3-0-3

Pre-requisites: RDEN 7172

Co-requisites: None

Description: An analysis of research relevant to the identification, placement, and instructional strategies effective with students with reading difficulties, learning disabilities, and diverse populations in the area of literacy.

Differentiated instructional approaches to meet students' reading and writing needs are reviewed.

Rationale: Course is critical to identifying and remediating reading deficiencies.

Effective Term: Fall 2013

CURCAT:

Major Department: Childhood and Exceptional Student Education

Can course be repeated for additional credit? No

Maximum Number of Credit Hours: 3

Grading Mode: Normal

Instruction Type: Lecture

Course Equivalent: None

2. Change the following course title and description:

RDEN 7170 ISSUES IN VOCABULARY, STRUCTURAL ANALYSIS, AND

WORD STUDY PHONICS AND STRUCTURAL ANALYSIS ~~3-V-3~~ **3-0-3**

~~Course provides strategies for teaching reading by use of phonics and structural analysis of words. Research based methods for teaching a range of non-readers from kindergarten through adulthood. Field experience required. A focus on advanced reading methods to teach and assess the fluent decoding of words, vocabulary development, word study, spelling, and, subsequently, the construction of words and meaning for students K-12.~~

Rationale: To update title and description to reflect most recent reading terminology. No field experience is required.

Effective Term: Fall 2013

CURCAT:

Major Department: Childhood and Exceptional Student Education

Can course be repeated for additional credit? No

Maximum Number of Credit Hours: 3

Grading Mode: Normal

Instruction Type: Lecture

Course Equivalent: None

3. Change the following course description:

ECEG 7190 DIAGNOSIS AND CORRECTION OF READING DIFFICULTIES

3-0-3

~~A study of the diagnosis and remediation of reading difficulties in the elementary and middle grades of K-12 students. Provides practical experience in the use of diagnostic techniques and remedial procedures. involving pupils with reading difficulties.~~

Rationale: Reading is K-12 certification area and must include instruction at all levels, including elementary, middle grades, and high school.

Effective Term: Fall 2013

4. Change the following course title and description:

RDEN 7172 Comprehension, Cognition, and Content Area Reading
~~STRATEGIES FOR FLUENCY AND COMPREHENSION~~ ~~3-V-3~~ **3-0-3**

~~Prerequisite: RDEN 7170~~

~~Course explores research and theory based methods for improving reading fluency and reading comprehension skills. Field experience required.~~ **Advanced reading instruction that explores reading as a process of constructing meaning for K-12 classrooms, includes study of approaches, materials and procedures for integrating reading and writing into content area classrooms to improve learning.**

Rationale: To update title and description to reflect most recent terminology. Inclusion of content area reading to align with common core standards. No field experience is required

Effective Term: Fall 2013

5. Change the following course title and description

RDEN 7880 Capstone Project ~~RESEARCH PROJECT~~ ~~1-V-6~~ **1-V-4**

~~Prerequisite: Successful completion of 30 semester hours of course work in the program of study.~~

~~This is a capstone course.~~ Requires a field based research project, **case study, or curriculum project** that is to be presented or published in a public forum

Rationale: Change will allow students more flexibility to complete the program in a meaningful way for their particular interests and circumstances. The final project may result in the development of a reading curriculum or case study, for example, rather than a research project. The number of hours for the capstone is being changed from 6 to 4, in order to align with other COE master’s degree programs, whose final projects are 4 credit hours.

Effective Term: Fall 2013

6. Modify the following program of study:

Master of Education- Reading Specialist

A. Program Foundations (6 hours)

FOUN 7060 Education Research3

~~RDEN 7070 Understanding Readers and the Reading Process~~3

ENGL 5800G Advanced Grammar.....3

B. Specialized Content (24 hours)

~~ADED 7220 Literate Communities~~3

ECEG 7060 Multimedia Approach to Teaching Children’s Literature3

Of

SCED 7000 Adolescent Literature3
 RDEN 7071 Linking Literacy Assessment to Instruction3
 RDEN 7072 Instructional Strategies in the Content Areas3
 RDEN 7170 ~~Phonics and Structural Analysis~~ **Issues in Vocabulary, Structural Analysis and Word Study**..... 3
 RDEN 7172 ~~Strategies for Fluency and Comprehension~~ **Comprehension, Cognition, and Content Area Reading**.....3
 RDEN 7185 Teaching Writers and Writing3
 RDEN 7188 Coaching Literacy Success 3
 ECEG 7190 Diagnosis and Correction of Reading Difficulties..... 3
RDEN 7210 Instruction for Struggling Readers.....3

C. B. ~~Exit Tracks One and Two (6 hours)~~ Capstone (4 hours)

~~With the approval of the advisor, candidates will select one of the following exit tracks:~~

1. Exit Track One (6 hours)

RDEN 7880 ~~Research~~ **Capstone Project**.....6-4

2. Exit Track Two (6 hours)

RDEN 7774 K-4 Reading Internship2

RDEN 7775 Middle Grades Reading Internship2

RDEN 7776 Adult Reading Internship2

TOTAL

~~36 hours~~ **34 hours**

Rationale: To meet the requirements of the GAPSC for advanced programs, students entering this program must already hold a reading endorsement for entry. In addition, common core standards dictate some additional changes to address diagnosis and remediation strategies for struggling readers as well as literacy in content areas. A capstone project will be required instead of a research project to allow students more flexibility to complete the program in a meaningful way for their particular interests and circumstances. The final project may result in the development of a reading curriculum, for example, rather than a research project. The number of hours for the capstone is being changed from 6 to 4, in order to align with all of the other COE master’s degree programs, whose final projects are 4 credit hours. Finally, college resources cannot support two tracks at this time, so one is being eliminated.

Effective: Fall 2013

7. Modify the following course:

ECMT 6030 SOCIAL STUDIES/SCIENCE

~~3-0-3~~ **3-V-3**

Prerequisites: EDUC 6000, EDUC 6100

A study of methods and materials used in teaching social studies and science skills and content at the elementary level ~~using the Georgia Performance Standards (GPS).~~

A field experience is required.

Rationale: Georgia now uses the Common Core Georgia Performance Standards. A field experience is required.

Effective Term: Spring 2013

II. College of Health Professions (no items)

III. College of Liberal Arts

A. Art, Music, & Theatre (no items)

B. Criminal Justice, Social and Political Science

Item 1 from the Department of Criminal Justice, Social and Political Science was discussed and the graduate portion was approved by the committee. The undergraduate portion was previously approved by the University Curriculum Committee.

1. Delete the following course:

~~POLS 5535U/G Public Leadership and Ethics in Theory and Practice 3-0-3~~

Rationale: This course served the MALPS program.

Effective Term: Fall 2013

C. Economics (no items)

D. Gender and Women's Studies (no items)

E. History (no items)

F. Languages, Literature, & Philosophy (no items)

G. Professional Communication and Leadership (no items)

IV. College of Science and Technology (no items)

OTHER BUSINESS

A. Informational Item: Nursing. (See Attachment 1)

The Department of Nursing had some changes for which they requested approval prior to publication of the graduate catalog. The summary is attached. Dr. Carol Andrews, previous chair of the GCC, approved the recommendations as noted.

B. Informational Item: Board of Regents program approvals and terminations. (See Attachment 2)

C. Informational Item: Online Programs – Notifications and Approvals (See Attachment 3)

ADJOURNMENT. ~~7100~~V D G M R ~~16~~ D ~~5~~ P

5 H V S H F W I ~~10~~ V K P L W W H G

3 K O O L V ~~3~~ D ~~1~~ R U V W
R W D O R J (G L W R U



Phyllis Panhorst <phyllis.panhorst@armstrong.edu>

Outcome of discussion regarding proposed Nursing changes

1 message

Phyllis Panhorst <phyllis.panhorst@armstrong.edu>

Wed, Jul 18, 2012 at 3:23 PM

To: Catherine Gilbert <catherine.gilbert@armstrong.edu>, Anita Nivens <anita.nivens@armstrong.edu>

Cc: John Kraft <john.kraft@armstrong.edu>, Carol Andrews <carol.andrews@armstrong.edu>

Dear Dr. Gilbert and Dr. Nivens,

Dr. Kraft asked me to forward you the following summary of the discussion we had regarding the Nursing changes that were in question. Each of the three items has Dr. Kraft's recommendation at the end. This was forwarded to Dr. Carol Andrews, GCC chair, and she approved these recommendations. I am keeping a copy and it will be read into the minutes of the first GCC meeting in the fall.

Best,

Phyllis

----- Forwarded message -----

From: **Phyllis Panhorst** <phyllis.panhorst@armstrong.edu>

Date: Wed, Jul 18, 2012 at 9:23 AM

Subject: Summary of discussion regarding Nursing changes

To: John Kraft <john.kraft@armstrong.edu>

1) Change the MSN track AND the Certificate program currently called "Adult-Gerontological Nurse Practitioner" to "Adult-Gerontological **Primary Care** Nurse Practitioner."

History: The MSN track and the Certificate program were previously called "Adult Nurse Practitioner." At the November 2, 2011 GCC meeting, the two program of study names were changed to "Adult-Gerontological Nurse Practitioner." However, all of the courses for those programs of study that were updated at the same meeting have the following rationale: "In line with the new Graduate Course Numbering and incorporation of adult-gerontological content per the new AACN Adult-Gerontology Primary Care Nurse Practitioner Competencies and AACN Master's Essentials standards (2011)."

Recommendation: Although the words "Primary Care" were not included in the program of study name changes put forward, there is sufficient documentation that it would be appropriate to include those words and that the intent of the course updates was made clear. Changing the MSN track name does not require BOR approval or notification, but changing the certificate name will require BOR notification. Note: On the BOR website, this is called a Graduate Certificate. The Nursing Department has indicated they would prefer it to be called a Post-Master's Certificate, which has been the practice in previous catalogs. This could be put forward with the name change notification.

2) Retain the word "Specialist" in the graduate certificate program that was changed to "Adult-Gerontological Health Clinical Nurse Specialist" at the November 2, 2011 GCC meeting.

History: This certificate program has in previous years appeared in the graduate catalog as the "Adult Health Clinical Nurse Specialist Post-Master's Certificate." At the November 2, 2011 GCC meeting it was changed to "Adult-Gerontological Health Clinical Nurse Specialist Post-Master's Certificate." In preparing the catalog and checking certificate and program names with those listed on the Board of Regents website, I

discovered that the name had not been listed as it had been appearing in the catalog. Instead, it has been listed as "Graduate Certificate in Adult Nurse Practitioner." When the name change to add "Gerontological" to the name was sent to the BOR by this office, the approval came back for "Graduate Certificate in Adult-Gerontological Health Clinical Nurse" (email from Marci Middleton, 7/11/2012). Therefore, I changed the name to match the BOR approved name.

Recommendation: Although the word "Specialist" was not put forward as a change in the November 2, 2011 GCC minutes (since it had been practice to use that word), the name itself was approved by the GCC, which supports the appropriateness of the use of that word. Changing the certificate name will require BOR notification. Note: The Nursing Department has indicated they would prefer it to be called a Post-Master's Certificate, which has been the practice in previous catalogs. This could be put forward with the name change notification.

3) Update the program of study for the MSN track, Advanced Practice Nursing.

History: While all the courses in this program of study were updated/renumbered at the November 2, 2011 GCC meeting, the program of study itself was not put forward for updating. The Nursing Department would like the numbers updated, and would also like to have a deleted course replaced with a different course (replace NURS 7754 with PUBH 6000). Dr. Catherine Gilbert and Dr. Anita Nivens have both confirmed that there are no students in this track and have not been any for several years.

Recommendation: Leave the program as it currently appears in the catalog, with no updates. The Department of Nursing may submit updates through the curricular process in the fall.

--

Phyllis L. Panhorst
Coordinator of Faculty Information
Armstrong Atlantic State University
Office of Academic Affairs
11935 Abercorn Street
Savannah, GA 31419
office: [912.344.2592](tel:912.344.2592)
fax: [912.344.3492](tel:912.344.3492)

--

Phyllis L. Panhorst
Coordinator of Faculty Information
Armstrong Atlantic State University
Office of Academic Affairs
11935 Abercorn Street
Savannah, GA 31419
office: [912.344.2592](tel:912.344.2592)
fax: [912.344.3492](tel:912.344.3492)



**BOARD OF REGENTS OF
THE UNIVERSITY SYSTEM OF GEORGIA**

CHANCELLOR HENRY M. HUCKABY
270 WASHINGTON STREET, S.W.
ATLANTA, GEORGIA 30334

PHONE: 404.658.2202
FAX: 404.657.8879
EMAIL: CHANCELLOR@USG.EDU

August 17, 2012

Dr. Linda Bleicken
President
Armstrong Atlantic State University
11935 Abercorn Street
Savannah, Georgia 31419 - 1997

Dear President Bleicken:

The Board of Regents, at its meeting on August 8, 2012, approved Armstrong Atlantic State University's requests associated with the following recommendations:

- Substantive Change of the Master of Arts with a major in Liberal and Professional Studies to a Master of Arts with a major in Professional Communications and Leadership; and
- Substantive Change of the Master of Arts in Teaching with a major in Middle Grades Education to a Master of Arts in Teaching with a major in Secondary Education.

Approval of the aforementioned recommendations is effective immediately.

Sincerely,

Henry M. Huckaby
Chancellor

HMH/mmm

Cc: Dr. Houston Davis, Executive Vice Chancellor and Chief Academic Officer
Dr. Carey Adams, Vice President, Academic Affairs
Dr. Linda Noble, Vice Chancellor, Academic Affairs
Dr. Dorothy Zinsmeister, Associate Vice Chancellor, Academic Affairs
Dr. Susan Campbell-Lounsbury, Assistant Vice Chancellor, Research & Policy Analysis
Ms. Susan Whitman, Information Systems Specialist
Dr. Marci M. Middleton, Assistant Vice Chancellor, Academic Programs

Graduate Notification/Approvals to BOR and/or SACS

	Creation Paperwork		Online Paperwork	
	Sent in	Received	Sent	Rec'd BOR
Certificates 100% online				
Clinical Informatics	1/31/2012	3/21/2012	1/31/2012	03/21/12
Reading Endorsement	already	created	4/20/2012	07/11/12
Special Ed Transition Endorsement	already	created	5/29/2012	07/11/12
Adult Ed & Comm. Leadership	already	created	3/31/2012	05/09/12
Professoinal Comm. & Leadership	5/2/2012	5/21/2012	5/2/2012	5/21/2012
Post Bac Advanced Imagaing	already	created	5/29/2012	07/11/12

Program Modifications

	Sent in	Status	
MALPS >MAPCL	3/6/2012	8/7/2012	approved
MATMG >MATSE	4/13/2012	8/8/2012	approved
M Ed	6/15/2012	BOR Sept?	
MSCS >?	in dept		

Mass notification 25-49% online programs

	Creation Paperwork		Online Paperwork	
	Sent in	Received	Sent	Rec'd BOR
GCert Adult Health Clinical Nurse	already	created	3/6/2012	06/15/12
Gcert Adult Nurse Practitioner	already	created	3/6/2012	06/15/12
PBCert in Advanced Imaging	already	created	3/6/2012	06/15/12
PMCert Nursing Administration	already	created	3/6/2012	06/15/12
Gcert Instructional Technology	already	created	3/6/2012	06/15/12
MS in Nursing	already	created	3/6/2012	06/15/12

Mass notification >50% but < 100% online

	Creation Paperwork		Online Paperwork	
	Sent in	Received	Sent	Rec'd BOR
MEd Early Childhood Education	already	created	3/6/2012	03/21/12
MS in Criminal Justice	already	created	3/6/2012	03/21/12

Rec'd SACS
05/01/12

Rec'd SACS
n/a
n/a
n/a
n/a
n/a
n/a

Rec'd SACS
06/15/12
06/15/12



Principles, Categories, and Criteria:
Graduate Faculty Membership

Spring 2010

Note: The head of the academic unit is responsible for submitting the completed *Application for Graduate Faculty Membership* to the office of the Vice President for Academic Affairs for review by the Graduate Faculty Status Committee.

Armstrong Atlantic State University

Principles, Categories, Criteria and Opportunities: Graduate Faculty Membership

PRINCIPLES

Consistent with SACS requirements and faculty credential guidelines, full and part time faculty who teach post baccalaureate or graduate courses must be fully qualified to carry out effective graduate level instruction. Except in unusual cases, these faculty members should hold the earned doctorate/terminal degree in the teaching discipline or a related discipline. Exceptions require a detailed letter of justification written by the department head assigning the faculty member to teach a graduate course and must be approved by the college dean. The letter must specify a faculty member's special experience or other indicators of instructional competence at the graduate level and append appropriate documentation. The letter of justification and documentation will be kept on file in the office of the Vice President for Academic Affairs and a copy in the college dean's offices.

Department Heads must ensure that any full or part time faculty member assigned to teach a graduate course holds graduate faculty status prior to the first class meeting.

Department Heads, consistent with the mission of the department and needs of the graduate program(s) being supported, should assign graduate faculty holding full or associate graduate faculty status to teach graduate courses on a regular basis.

Graduate faculty holding full or associate graduate faculty status should actively engage in an ongoing scholarly agenda as described by each category.

Graduate faculty holding full or associate graduate faculty status are strongly encouraged to participate in graduate faculty governance. Those full time faculty holding provisional graduate faculty status may participate in limited graduate faculty governance at the department and college level.

In annual faculty evaluations, retention/tenure/promotion recommendations, salary raise recommendations, and in post tenure review, department heads should accord proper weight to workload issues stemming from a graduate faculty member's graduate education efforts, which include, but are not limited to the following: graduate course instruction, graduate program coordination, graduate course or program of study creation, thesis committee work and comprehensive examination evaluation, graduate internship/practicum supervision, graduate advisement, graduate admissions and graduate student appeals duties, and participation in graduate faculty governance.

The following four categories are available for graduate faculty membership:

- (1) Full
- (2) Associate
- (3) Temporary
- (4) Provisional

FULL GRADUATE FACULTY STATUS

A faculty member with full graduate faculty status may:

- (1) Teach graduate courses;
- (2) Chair and/or serve on thesis (reading)/practicum committees;
- (3) Chair and/or serve on comprehensive assessment committees;
- (4) Qualify for election to graduate council or other positions representing graduate faculty;
- (5) Vote in all matters at meetings pertaining to graduate studies; and
- (6) Qualify for election as Chair of the Graduate Affairs Council.

Initial Appointment to full graduate faculty status requirements:

- (1) Hold appointment as a full time faculty member (tenure track) at the rank of **Associate Professor** or above;
- (2) Possess an earned terminal degree or documented competence in lieu of the above;
- (3) Provide evidence of effective participation in graduate education from Category I;
- (4) Demonstrate achievement in scholarship. Document a minimum of three scholarly achievements from Category II. If, in the judgment of the applicant and/or the head of the academic unit and the college dean, a specific contribution should be given special consideration, this should be so indicated and well documented;
- (4a) Submit documentation of scholarship with the application (i.e.: journal articles, chapters in books, funded grant applications or acceptance letters). This documentation will be returned to the faculty member after the application is reviewed;
- (6) Provide evidence of professional service from Category III;
- (7) A curriculum vitae and legible copies of all graduate transcripts must be submitted with application; and
- (8) Be recommended by the faculty member's academic unit head and college dean.

Retention of full graduate faculty status:

Members with full status are not required to re apply for graduate faculty status except under the following circumstances:

Deans will notify the Vice President for Academic Affairs upon a full graduate faculty member receiving a post tenure review evaluation of *Improvement Needed* or *Unsatisfactory*. At the completion of the first year of probation, the faculty member must resubmit an application for assessment by the Graduate Faculty Status committee.

ASSOCIATE GRADUATE FACULTY STATUS

A faculty member with associate graduate faculty status may:

- (1) Teach graduate courses;
- (2) Chair and/or serve on thesis (reading)/practicum committees;
- (3) Chair and/or serve on comprehensive assessment committees;
- (4) Vote in all matters at meetings pertaining to graduate studies; and
- (5) Qualify for election to graduate council or other positions representing graduate faculty.

Initial Appointment to associate graduate faculty status requirements:

- (1) Hold appointment as a full time faculty member (tenure track) at the rank of Assistant Professor or above;
- (2) Possess an earned doctoral degree or terminal degree or documented competency in lieu of the above;

- (3) Submit documentation of scholarship with the application (i.e.: journal articles, chapters in books, funded grant applications or acceptance letters). This documentation will be returned to the faculty member after the application is reviewed;
- (4) Possess potential for making contributions to graduate education and to the university;
- (5) A curriculum vitae and legible copies of all graduate transcripts must be submitted with application; and
- (6) Be recommended by the faculty member's academic unit head and college dean.

Term of appointment:

The term of appointment to associate graduate faculty status is five years.

Faculty members will initially apply for associate status and reapply for associate status every five years. Faculty members may apply for full graduate faculty status **when they apply for the university rank of professor. One semester prior to the end of a term of appointment, faculty members must apply for reappointment at this level or for appointment at a higher rank.**

Faculty members who wish to apply for reappointment must demonstrate continuing involvement in graduate education and scholarship or professional service since the last appointment. Documentation must be provided for Category I: Graduate Education and Category II: Scholarship or Category III: Professional Service. The reappointment application must also include the recommendation from the head of the academic unit and the college dean. Faculty members applying for reappointment are not required to provide copies of transcripts previously submitted.

TEMPORARY GRADUATE FACULTY STATUS

A faculty member with temporary graduate faculty status may:

- (1) Teach graduate courses.

Appointment to temporary graduate faculty status requirements:

Faculty members who wish to apply or reapply for temporary graduate faculty status must meet Category I: Graduate Education (or have a strong justification letter on file) and Category II: Scholarship or Category III: Professional Service. The application must include a written recommendation signed by both the head of the academic unit and the college dean detailing the basis for substantial support for the applicant.

Initial appointment to temporary graduate faculty status requirements:

- (1) Hold appointment as a faculty member;
- (2) Possess an earned doctoral degree or terminal degree or documented competency;
- (3) Submit documentation of recent experience in graduate education and scholarship or professional service. This documentation will be returned to the faculty member after the application is reviewed;
- (4) A curriculum vitae and legible copies of all graduate transcripts must be submitted with application; and
- (5) A written recommendation signed by both the head of the academic unit and the college dean detailing the basis for substantial support for the applicant.

Term of appointment

The term of appointment is three (3) years for temporary graduate faculty membership. **One semester prior to the end of a term of appointment, faculty members must apply for reappointment at this level.**

PROVISIONAL GRADUATE FACULTY STATUS

A faculty member with provisional graduate faculty status may:

- (1) Teach graduate courses.

Appointment to provisional graduate faculty status requirements:

The Vice President of Academic Affairs may grant provisional graduate faculty status for faculty hired to teach graduate level course(s) following the last scheduled meeting of the Graduate Faculty Status committee prior to the start of a semester.

Term of appointment:

The term of appointment for Provisional Graduate Faculty Status is one (1) semester and/or one (1) Summer term.

Prior to teaching the following session/semester, faculty members must apply for the appropriate graduate faculty status through the Graduate Faculty Status Committee.

EXAMPLES OF GRADUATE EDUCATION / SCHOLARSHIP / PROFESSIONAL SERVICE

Category I: Graduate Education

1. Advisement of graduate students
2. Chair of thesis (reading)/practicum or service on thesis (reading)/practicum committees.
3. Chair or supervision of graduate level internships, practicum experiences or projects
4. Service on comprehensive assessment or thesis (reading) committees.
5. Service on faculty committees pertaining to graduate programs.
6. Development of graduate courses or programs.
7. Administration of graduate programs.
8. Other graduate education activities as indicated by academic unit head and college dean.
9. Demonstrated success as a teacher of graduate courses.

Category II: Scholarship

1. Published articles (refereed)
2. Published articles (non refereed but in your field)
3. Published books
4. Chapters in books
5. Monographs
6. Funded grants or projects
7. Presentations at state, regional or national meetings
8. Editorships/reviewer for refereed journals
9. Reviews of published books or manuscripts
10. Creative endeavor in the fine or performing arts (ie juried exhibits or performances, published musical scores, and films)
11. Software development

Category III: Professional Service

1. Leadership in state, regional or national professional organizations as evidenced by:
 - (a) offices held or committees chaired
 - (b) membership on major committees
 - (c) other (please list)
2. Community service activities including membership on advisory boards as well as participation in community agencies
3. Workshops and consultations (Professional service activities applying one's discipline to specific community needs).