I. Call to Order

Roll

( ) Suzanne Forster UAB/CAS Written Communication
( ) Oliver Hedgepeth UAB/CBPP
( ) Utpal Dutta UAB/soe
( ) Kevin Keating UAB/Library
( ) Deborah Fox UAB/Mat-Su
( ) Kenrick Mock UAB/CAS
( ) Len Smiley CAS Quantitative Skills
( ) Marcia Stratton CAS Oral Communication
( ) Walter Olivares CAS Fine Arts
( ) Patricia Fagan CAS Humanities
( ) Beverly Barker CHSW Natural and Physical Sciences
( ) Catherine Sullivan CHSW
( ) Robert Capuozzo COE
( ) Sandra Pence CTC
( ) Vacant Social Sciences
( ) Hilary Davies UAB Ex officio/UAB Chair
( ) Bart Quimby UAB Ex officio/OAA
( ) Vacant Student

II. Approval of Agenda (pg. 1)

III. Approval of Summary (pg. 2)

IV. Report from Associate Vice Provost Bart Quimby

V. Chair’s Report

VI. Course Action Requests

Add DH A424 Community Dental Health II (3 cr) (2+2) (pg. 3-9)

VII. Old Business

VIII. New Business
A. Role of GERC in Accreditation Site Visit

IX. Informational Items and Adjournment
I. Call to Order
Roll
(e) Suzanne Forster  UAB/CAS  Written Communication
(x) Oliver Hedgepeth  UAB/CBPP
(e) Utpal Dutta  UAB/SOE
(x) Kevin Keating  UAB/Library
(x) Deborah Fox  UAB/Mat-Su
(x) Kenrick Mock  UAB/CAS
(x) Len Smiley  CAS  Quantitative Skills
(x) Marcia Stratton  CAS  Oral Communication
(x) Walter Olivares  CAS  Fine Arts
(x) Patricia Fagan  CAS  Humanities
(x) Beverly Barker  CAS  Natural and Physical Sciences
(x) Catherine Sullivan  CHSW
(x) Robert Capuozzo  COE
(x) Sandra Pence  CTC
( ) Vacant  Social Sciences
(e) Hilary Davies  UAB  Ex officio/UAB Chair
(e) Bart Quimby  UAB  Ex officio/OAA
( ) Vacant  Student

II. Approval of Agenda (pg. 1)
Approved

III. Approval of Summary (pg. 2-3)
Approved

IV. Report from Associate Vice Provost Bart Quimby

V. Chair’s Report
No report

VI. Course Action Requests
No Course Action Requests

VII. Old Business
A. 2009-10 GERC Goals (pg. 4)
Made revisions to proposed goals

GERC 2009-2010 Goals (Proposal to UAB, 9/18/2009)
1. Review UAA Catalog text pertaining to Goals, Outcomes, and Purpose of (Baccalaureate) General Education at UAA and recommend revisions to UAB.

2. Clarify and formalize, in consultation with UAB, the relationship of GERC and the Assessment Committee.

Motion to approve revised goals
Approved

VIII. New Business
A. Role of GERC in Accreditation Site Visit
This role is not yet known. Bart will check with Tom Miller.

IX. Informational Items and Adjournment
Course Action Request  
University of Alaska Anchorage  
Proposal to Initiate, Add, Change, or Delete a Course

<table>
<thead>
<tr>
<th>1a. School or College</th>
<th>1b. Division</th>
<th>1c. Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT CTC</td>
<td>AHLS Division of Health Safety</td>
<td>Dental Hygiene</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Course Prefix</th>
<th>3. Course Number</th>
<th>4. Previous Course Prefix &amp; Number</th>
<th>5a. Credits/CEUs</th>
<th>5b. Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH</td>
<td>A424</td>
<td>n/a</td>
<td>3 cr</td>
<td>(Lecture + Lab) (2+2)</td>
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<table>
<thead>
<tr>
<th>6. Complete Course Title</th>
<th>Abbreviated Title for Transcript (30 character)</th>
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<tbody>
<tr>
<td>Community Dental Health II</td>
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</table>

<table>
<thead>
<tr>
<th>7. Type of Course</th>
<th>8. Type of Action:</th>
<th>9. Repeat Status No</th>
<th># of Repeats</th>
<th>Max Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic</td>
<td>Add</td>
<td>0</td>
<td>n/a</td>
<td></td>
</tr>
</tbody>
</table>

If a change, mark appropriate boxes:
- Prefix
- Credits
- Title
- Grading Basis
- Course Description
- Test Score Prerequisites
- Other Restrictions
- College
- Major
- Class
- Level
- Other (please specify)

10. Grading Basis
- A-F
- P/NP
- NG

11. Implementation Date
- semester/year
  - From: Fall/2010
  - To: /9999

12. Cross Listed with
- n/a

13. Coordination Email
- Date: 09/10/09
  - (uaa-faculty@lists.uaa.alaska.edu)

14. General Education Requirement
- Oral Communication
- Written Communication
- Quantitative Skills
- Humanities
- Fine Arts
- Social Sciences
- Natural Sciences
- Integrative Capstone

15. Course Description (suggested length 20 to 50 words)
- Presents advanced theoretical instruction on community dental health and research methodology, with emphasis on project design, development, and implementation for diverse populations.

16a. Course Prerequisite(s) (list prefix and number)
- [DH A324; STAT A252 or A253] with a minimum grade of C

16b. Test Score(s)
- n/a

16c. Co-requisite(s) (concurrent enrollment required)
- none

16d. Other Restriction(s)
- College
- Major
- Class
- Level
- Departmental approval; Completion of GER Tier I (basic college-level skills) courses.

17. Mark if course has fees

18. Mark if course is a selected topic course

19. Justification for Action
- This course will prepare students for the BSDH program outcome: Assess, plan, implement, and evaluate complex community oral health projects to diverse populations.
<table>
<thead>
<tr>
<th>Initiator (faculty only)</th>
<th>Date</th>
<th>Dean/Director of School/College</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Sandra Pence</td>
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</table>

<table>
<thead>
<tr>
<th>Initiator (TYPE NAME)</th>
<th>Approved</th>
<th>Disapproved</th>
<th>Date</th>
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<table>
<thead>
<tr>
<th>Department Chairperson</th>
<th>Date</th>
<th>Approved</th>
<th>Disapproved</th>
<th>Date</th>
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<thead>
<tr>
<th>Curriculum Committee Chairperson</th>
<th>Date</th>
<th>Approved</th>
<th>Disapproved</th>
<th>Date</th>
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<thead>
<tr>
<th>Undergraduate/Graduate Academic Board Chairperson</th>
<th>Date</th>
<th>Approved</th>
<th>Disapproved</th>
<th>Date</th>
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<thead>
<tr>
<th>Provost or Designee</th>
<th>Date</th>
<th>Approved</th>
<th>Disapproved</th>
<th>Date</th>
</tr>
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</table>
Course Content Guide

Community and Technical College
Dental Hygiene Program

DH A424 Community Dental Health II
3 Credits

I. Course Description
Presents advanced theoretical instruction on community dental health and research methodology, with emphasis on project design, development, and implementation for diverse populations.

II. Course Design
A. Designed for baccalaureate-degree dental hygiene students.
B. Credits: 3
C. Total student involvement time:
   1. Lecture: 2 hours per week for 15 weeks (30 hours)
   2. Lab: 2 hours per week for 15 weeks (30 hours)
   3. Outside work expected: 75 hours
D. DH A424 is required for a Bachelor of Science degree in Dental Hygiene and satisfies GER integrated capstone requirement.
E. This course has fees.
F. This course may be taught in any time frame, but not less than 1 week per credit.
G. This is a new course.
H. This course is coordinated with list serve, UAA Department of Statistics, and the UAF Dental Hygiene Program.
I. This course is 400-level because it builds on previous coursework and requires students to develop and implement a complex community dental health project.

III. Course Activities
This course will be conducted through lecture, project planning, and implementation laboratory.

IV. Course Prerequisites and Registration Restrictions
A. Course Prerequisite: [DH A324; STAT A252 or STAT A253] with a minimum grade of C;
B. Registration Restriction: Departmental approval; Completion of GER Tier I (basic college-level skills) courses.

V. Course Evaluation
A. Grades will be A-F.
B. Grades are based on written or computerized exams and assignments.
VI. Course Curriculum

1.0 Safety
   1.1 University safety
   1.2 Classroom and building safety

2.0 Principles of Community and Dental Public Health
   2.1 Review
      2.1.1 Definition, rationale, and characteristics of public health
      2.1.2 Categories of health practice
      2.1.3 Roles of the dental hygienist in the community setting
   2.2 Public health versus private practice dentistry

3.0 Research Design
   3.1 Research question
   3.2 Null hypothesis
   3.3 Treatment and control groups
   3.4 Independent and dependent variables
   3.5 Placebo and Hawthorne effects
   3.6 Ethical considerations
      3.6.1 Informed consent
      3.6.2 Confidentiality
      3.6.3 Review committees
      3.6.4 Approved training courses

4.0 Reviewing Dental Literature
   4.1 Data search
      4.1.1 Library resources
      4.1.2 Computerized information retrieval
   4.2 Critical appraisal
      4.2.1 Source evaluation
      4.2.2 Peer review
      4.2.3 Scientific method
      4.2.4 Opposing perspectives
   4.3 Organization of Literature Review
      4.3.1 Scope
      4.3.2 Thesis statement/research question development
      4.3.3 Format
5.0 Project Development

5.1 Assessment
  5.1.1 Data collection
    5.1.1.1 Subjective
    5.1.1.2 Objective
  5.1.2 Cost, access, time, quality assurance
  5.1.3 Subject evaluation
    5.1.3.1 Knowledge
    5.1.3.2 Values
    5.1.3.3 Attitudes
  5.1.4 Use of epidemiology
  5.1.5 Inter-rater and intra-rater reliability
  5.1.6 Reliability and validity
  5.1.7 Types of epidemiological studies
  5.1.8 Definitions
    5.1.8.1 Morbidity
    5.1.8.2 Mortality
    5.1.8.3 Prevalence
    5.1.8.4 Incidence
  5.1.9 Sampling types and procedures
  5.1.10 Diagnosis: Research question development

5.2 Planning
  5.2.1 Project identification
  5.2.2 Target population selection
    5.2.2.1 Age
    5.2.2.2 Physical abilities
    5.2.2.3 Psychological factors
    5.2.2.4 Mental and social development
    5.2.2.5 Dental needs
    5.2.2.6 Curriculum and educational considerations for diverse target populations
  5.2.3 Establishing outcomes
  5.2.4 Determining assessment measures
  5.2.5 Methods and materials
    5.2.5.1 Available resources
    5.2.5.2 Project design

5.3 Implementation
  5.3.1 Introduction
  5.3.2 Strategies
  5.3.3 Rules
  5.3.4 Case studies
5.4 Evaluation
5.4.1 Determining effectiveness
5.4.2 Indices (e.g. accretions, periodontal, caries)
5.4.3 Data collection instruments
5.4.4 Biostatistics
   5.4.4.1 Terminology
   5.4.4.2 Measures of central tendency
   5.4.4.3 Frequency distributions
   5.4.4.4 Correlation

5.5 Documentation
5.5.1 Written summary
5.5.2 Oral presentation
5.5.3 Table clinic

VII. Suggested Texts

VIII. Bibliography
IX. Instructional Goal, Student Outcomes, and Assessment Procedures

A. Instructional Goal: Prepare students to implement a complex community dental health care project

B. Student Outcomes/Assessment Procedures

<table>
<thead>
<tr>
<th>Relationship to GER Capstone Requirements</th>
<th>Student Outcomes</th>
<th>Assessment Procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critical Thinking and Informational Literacy:</td>
<td></td>
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</tr>
<tr>
<td>Challenge students to critically evaluate scientific literature.</td>
<td>Critically appraise scientific literature relevant to dental hygiene.</td>
<td>Literature review</td>
</tr>
<tr>
<td>Knowledge Integration and Critical Thinking:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integrate knowledge and skills obtained in dental hygiene courses to identify needs and develop a community dental health project relevant to diverse populations and evolving oral health trends.</td>
<td>Apply components of research design to community oral health.</td>
<td>Written or computerized exam or assignment</td>
</tr>
<tr>
<td></td>
<td>Assess community resources and propose a community oral health project to meet a target population’s needs.</td>
<td>Project</td>
</tr>
<tr>
<td></td>
<td>Determine outcomes and assessment measures for an approved project.</td>
<td>Project</td>
</tr>
<tr>
<td></td>
<td>Implement project with a predeterminated target population.</td>
<td>Project</td>
</tr>
<tr>
<td>Quantitative Perspective and Critical Thinking</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integrate knowledge and skills students acquired in quantitative GER courses by applying biostatistical measures to evaluate community dental health research.</td>
<td>Evaluate effectiveness of project using appropriate biostatistical measures.</td>
<td>Project</td>
</tr>
<tr>
<td>Effective Communication:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integrate knowledge and skills of research principles with those acquired in written and oral communications GER courses by presenting a community dental health project.</td>
<td>Develop and deliver oral and written presentations of project summary.</td>
<td>Project</td>
</tr>
</tbody>
</table>