

**TO:** Advisory Committee on Accreditation  
**FROM:** Christine Thatcher, Associate Director, Academic Affairs  
**DATE:** March 11, 2010  
**SUBJECT:** ACA Meeting on Thursday, March 18, 2010

The Advisory Committee on Accreditation will meet in the Department of Higher Education Conference Room, third floor, 61 Woodland Street, Hartford, at 10:00 a.m. on Thursday, March 18, 2010.

If you will not be able to attend the meeting, please forward the materials to your alternate so that he/she will be able to come. Please call me at (860) 947-1822 if neither you nor your alternate can participate.

I attach copies of the programs we will be considering at our meeting. It would be very helpful for me if you might have a chance to read these materials and send me any questions you have about them before we meet. I will share your questions with the Program Officer so we might then be better prepared to provide answers at the meeting. My email address is [CThatcher@ctdhe.org](mailto:CThatcher@ctdhe.org). I look forward to seeing you, and thank you once again for your essential help.

#### AGENDA

1. CALL TO ORDER – 10:00 a.m.
2. CONSIDERATION OF MINUTES – [Minutes of February 18, 2010](#)
3. DISCUSSION
4. LICENSURE APPLICATIONS

**University of Rhode Island** - Relicensure of a Chemistry program, leading to a Master of Science (M.S.) degree, offered at Pfizer Research Center in Groton, Connecticut

**Worcester Polytechnic Institute, Worcester, MA** - Licensure of programs in Business Administration, Electrical and Computer Engineering, Manufacturing Engineering, Materials Process Engineering, Mechanical Engineering, and Systems Engineering, each leading to a Master's degree. Licensure of a program in Power Systems Engineering, leading to a graduate certificate

5. ACCREDITATION APPLICATIONS

**Mitchell College** - Accreditation of a program in Communication, leading to the Bachelor of Science (B.S.) degree with Concentrations in 1) Interpersonal and Organizational Communication and 2) Performance and Technology

**University of Bridgeport** - Accreditation of a program in Global Development and Peace (GDP), leading to the Master of Arts (M.A.) degree to be offered online and on campus

**University of Connecticut** - Accreditation of a program in Public Health with a concentration in Occupational and Environmental Health Sciences, leading to a Doctor of Philosophy (Ph.D.) degree

6. SIMULTANEOUS LICENSURE AND ACCREDITATION APPLICATIONS

**University of New Haven** - Licensure and Accreditation of a program in Engineering and Operations Management, leading to the Master of Science in Engineering and Operations Management (M.S.E.O.M.) degree

7. PROGRESS REPORTS

None

8. INFORMATION ITEMS

**Monthly Update**

9. OTHER BUSINESS

10. **BOARD OF GOVERNORS RESOLUTIONS** – Meeting of February 17, 2010

11. NEXT ACA MEETING – April 15, 2010

12. ADJOURNMENT

# Board of Governors for Higher Education

## Advisory Committee on Accreditation Minutes of the Meeting Thursday, February 18, 2010

The Advisory Committee on Accreditation met in the Board's Conference Room, Department of Higher Education, third floor, 61 Woodland Street, Hartford, at 10:00 a.m. on Thursday, February 18, 2010.

Members or alternates present: Shirley Adams, Miller Brown, Ann Clark, John Donohue, Braden Hosch, Martha McLeod, Leon Newman, William Pizzuto, Judith Resnick, Martha Shouldis, and Abbey Zink.

Board Members present: None

Staff present: Michael Meotti, Patricia Santoro, Christine Thatcher

### 1. CALL TO ORDER

Miller Brown called the meeting to order at 10:04 a.m.

### 2. CONSIDERATION OF MINUTES – Minutes of January 21, 2010

Miller Brown called for approval of the minutes of January 21, 2010. John Donohue moved approval and William Pizzuto seconded; the motion passed with Leon Newman abstaining.

### 3. DISCUSSION

### 4. LICENSURE APPLICATIONS

#### **a. Gibbs College – Licensure of a program in Cardiovascular Sonography, leading to an Associate of Science (A.S.) degree**

Christine Thatcher, Associate Director of Academic Affairs, presented the application and introduced President Kurtis Peterson, Kevin Clark, Director of Education, and Donald Cotham, Director of Regulatory Affairs; who represented the College.

The Committee raised concerns regarding the curriculum, clinical site development, and faculty hiring. After discussion, Ann Clark moved to defer consideration of the program until further clarification by the College on areas of concern. Martha McLeod seconded and the motion passed with Judith Resnick opposed.

#### **b. Gibbs College – Licensure of a program in Diagnostic Medical Sonography, leading to an Associate of Science (A.S.) degree**

Christine Thatcher presented the application. The College was represented by President Kurtis Peterson, Kevin Clark, Director of Education, and Donald Cotham, Director of Regulatory Affairs.

The Committee raised concerns regarding the curriculum, clinical site development, and faculty hiring. After discussion, Ann Clark moved to defer consideration of the program until further clarification by the College on areas of concern. John Donohue seconded and the motion passed with Judith Resnick opposed.

**c. Gibbs College – Licensure of a certificate program in Medical Coding and Billing**

Patricia Santoro, Director of Academic Affairs, presented the application. The College was represented by President Kurtis Peterson, Kevin Clark, Director of Education, and Donald Cotham, Director of Regulatory Affairs.

The Committee inquired about the curriculum and faculty hiring. After discussion, the program was found to be in compliance with Board of Governors' approval standards. William Pizzuto moved approval and Braden Hosch seconded; the motion passed with Ann Clark opposed and John Donohue abstaining.

**d. National Graduate School of Quality Management, Falmouth, Massachusetts - Relicensure of a Master of Science degree program in Quality Systems Management, to be offered in Farmington, Connecticut**

Christine Thatcher presented the application and introduced Jeff Treiber, Dean of Strategic Learning Partnerships, who represented the Institution.

After discussion, the program was found to be in compliance with Board of Governors' approval standards. Judith Resnick moved approval and William Pizzuto seconded; the motion passed unanimously.

**e. Post University – Licensure of a program in Public Administration, leading to the Master of Public Administration (MPA) degree, to be offered online and on campus**

Christine Thatcher presented the application and introduced William McDonald, Vice President of Academic Affairs, and James Nardozzi, Program Director, who represented the University.

After a discussion regarding curriculum and online learning, the program was found to be in compliance with Board of Governors' approval standards. William Pizzuto moved approval and Leon Newman seconded; the motion passed with John Donohue abstaining.

**f. Quinnipiac University – Licensure of a program in Teacher Leadership, leading to a Master of Science (M.S.) degree, to be offered online**

Patricia Santoro presented the application and introduced Cynthia Gallatin, Associate Vice President for Online Programs, Cynthia Dubea, Dean of the School of Education, and Gary Alger, Director of the Educational Leadership Program, who represented the University.

The Committee inquired about the University's online learning environment. After discussion, the program was found to be in compliance with Board of Governors' approval standards. Shirley Adams moved approval and John Donohue seconded; the motion passed unanimously.

## 5. ACCREDITATION APPLICATIONS

### **a. Capital Community College – Accreditation of a program in Insurance and Financial Services, leading to an Associate of Science (A.S.) degree**

Patricia Santoro presented the application and introduced Mary Ann Affleck, Executive Dean, Joan Marchessault, Chair of Business and Technology, and Mary Jean Thornton, Associate Professor, who represented the College

After discussion, the program was found to be in compliance with Board of Governors' approval standards. Abbey Zink moved approval and Judith Resnick seconded; the motion passed unanimously.

### **b. Central Connecticut State University – Accreditation of a program in Journalism, leading to a Bachelor of Arts (B.A.) degree**

Patricia Santoro presented the application and introduced Provost Carl Lovitt, Susan Pease, Dean of the School of Arts and Sciences, and Vivian Martin, Program Coordinator, who represented the University.

After discussion, the program was found to be in compliance with Board of Governors' approval standards. Shirley Adams moved approval and Abbey Zink seconded; the motion passed with Braden Hosch abstaining.

### **c. Goodwin College – Accreditation of a program in General Studies, leading to an Associate of Science (A.S.) degree**

Patricia Santoro presented the application and introduced Janet Jefford, Vice President for Institutional Effectiveness, and Gerry Simpson, Chair of General Studies, who represented the College.

After discussion, the program was found to be in compliance with Board of Governors' approval standards. John Donohue moved approval and Abbey Zink seconded; the motion passed with Ann Clark abstaining.

### **d. Quinnipiac University – Accreditation of a program in Theater, leading to the Bachelor of Arts (B.A.) degree**

Patricia Santoro presented the application. The University was represented by Edward Kavanagh, Associate Vice President for Academic Affairs.

After discussion, the program was found to be in compliance with Board of Governors' approval standards. Abbey Zink moved approval and Martha McLeod seconded; the motion passed unanimously.

## 6. SIMULTANEOUS LICENSURE AND ACCREDITATION

### **a. Sacred Heart University – Licensure and Accreditation of a Nursing Education Track, within the accredited Master of Science in Nursing degree program, to be offered online**

Christine Thatcher presented the application and introduced Susan DeNisco, Director of Graduate Nursing Programs, who represented the University.

After discussion, the program was found to be in compliance with Board of Governors' approval standards. William Pizzuto moved approval and Martha Shouldis seconded; the motion passed unanimously.

7. PROGRESS REPORTS

None

8. INFORMATION ITEMS

**Monthly Update** – Christine Thatcher summarized the Monthly Update.

9. OTHER BUSINESS

10. BOARD OF GOVERNORS RESOLUTIONS – Meeting of January 20, 2010

11. NEXT ACA MEETING – March 18, 2010

12. ADJOURNMENT

The meeting adjourned at 12:20 p.m.

## STAFF REPORT: ADVISORY COMMITTEE ON ACCREDITATION

Institution: University of Rhode Island  
Item: Re-licensure of a Chemistry program, leading to a Master of Science (M.S.) degree, offered at Pfizer Research Center in Groton, Connecticut  
Date: March 18, 2010

### Background

In 2001 the Board of Governors licensed a master's degree program in Chemistry at the University of Rhode Island so that it could be offered in Connecticut at the Pfizer Research Center in Groton. This program was re-licensed in 2007 for a period of three years, until June 2010. The University is, therefore, seeking re-licensure of this program.

### Description

The University of Rhode Island offers a master's degree program on their Kingston campus and this program is available to Pfizer employees at their worksite in Connecticut. All courses are taught by appropriately qualified University of Rhode Island faculty members. Students have opportunities to interact with other faculty and graduate students on the Kingston campus and also have access to additional research facilities on the main University campus. The curriculum for this master's degree program includes a culminating research component.

The University's Graduate School oversees the academic aspects of the program and their Special Programs office at the College of Continuing Education administers the delivery of the program at the off-campus location. In addition, Pfizer Research University acts a liaison between students and the University to ensure that students are properly registered and have appropriate course materials.

### Update since Licensure in 2007

There have been no changes in the curriculum for this program since the last re-licensure. The University has offered 2 courses each year at Pfizer since the fall semester in 1994. There are currently 6 students enrolled in the program. The following chart indicates the number of graduating students each year since 2005:

Year	2005	2006	2007	2008	2009
<b>Number of Students Graduating</b>	1	10	4	5	2

## STAFF REPORT: ADVISORY COMMITTEE ON ACCREDITATION

Institution: Worcester Polytechnic Institute, Worcester, MA

Item: Licensure of programs in Business Administration, Electrical and Computer Engineering, Manufacturing Engineering, Materials Process Engineering, Mechanical Engineering, and Systems Engineering, each leading to a Master's degree. Licensure of a program in Power Systems Engineering, leading to a graduate certificate

Date: March 18, 2010

### Background

Worcester Polytechnic Institute (WPI) partners with corporations in a range of industries offering programs to meet their needs and their employees. In Connecticut, WPI partners with the following corporations:

- Northeast Utilities and United Illuminating offering the Graduate Certificate in Power Systems Management and the Electrical and Computer Engineering Master of Science degree
- United Technologies offering the MBA, the Master of Science in Manufacturing Engineering, and the Master of Science in Materials Process Engineering
- Sikorsky Aircraft and Electric Boat offering the Master of Science in Mechanical Engineering
- Hamilton Sundstrand and Electric Boat offering the Master of Science in Interdisciplinary Studies in Systems Engineering

All of the proposed programs are currently offered at the main campus in Worcester, MA. WPI is regionally accredited by the New England Association of Schools and Colleges (NEASC).

### Description

#### Purpose and Objectives

According to WPI, students in these programs may increase their individual career potentials while enhancing the competitive position of their respective employees. The programs support the mission of the institution.

#### Administration

Overall direction and supervision for programs that are subject to this license application is performed by the Provost and the Associate Provost and Dean of Corporate Education.

Each program has assigned faculty directors from the representative academic departments.

## Curriculum

### *Business Administration*

The program requires 49-credit hours including a foundation in fundamental business disciplines, a core that integrates these principles, and electives that further the student's goals in the management of technology. Every course in the MBA program is taught from a technological perspective.

MBA students can concentrate in the following areas:

- Entrepreneurship
- Information Security Management
- Information Technology
- Operations Management
- Process Design
- Supply Chain Management
- Technological Innovation
- Technology Marketing

All MBA students undertake a Graduate Qualifying Project (GQP), where students analyze real problems for real organizations, and come up with practical solutions. All MBA students are able to undertake corporate internships, and to take advantage of WPI's Career Development Center.

### *Electrical and Computer Engineering*

Students may take either the non-thesis option, which requires 30 graduate credits in course work, independent study, or directed research, or the thesis option, with a total of 30 graduate credits including a 9-credit thesis. In either case, at least 21 of the 30 credits must be graduate level activity (designated 500 level or above) in the field of electrical and computer engineering taken at WPI. The remaining courses may be either at the 400 (maximum of two) or the 500 level in computer science, physics, engineering or mathematics. All full-time students are required to attend and pass the two graduate seminar courses. The complete program must be approved by the student's advisor and the Graduate Program Committee.

### *Manufacturing Engineering*

The M.S. Degree in MFE requires 30 credit hours of graduate studies. The 30 credits consist of a minimum of 12 credit hours of coursework, plus 18 credit hours of any combination of coursework, independent study, directed research or thesis that complies with the following constraints: if there is a thesis, it must at least 6 and no more than 12 credits; there can be no more than 9 credits of directed research; and the total number of credits from the Management Department cannot exceed 14.

The minimum of 12 credit hours of coursework must include a minimum of two credits each in at least four of the eight core areas. The coursework is selected in consultation with an advisor from the MFE faculty. All full-time students are required to participate in the non-credit seminar course MFE 500.

The eight core areas are listed below.

- Manufacturing Systems
- Manufacturing Processes
- Control Systems
- Design
- Materials
- Financial Processes
- Statistics and Quality Assurance
- Health Systems Engineering

#### *Materials Process Engineering*

- Materials Science & Engineering Courses (9 credits)
- Manufacturing Engineering Courses (6 credits)
- Management/Industrial Engineering Courses (9 credits)
- Electives (3 credits)
- MPE Project (3 credits)

Each student must complete the MPE project. This may be a team or independent project sponsored by industry. The project must address several issues in business analysis, operations, process design, and quality, as well as the processing/structure/property relationships in the process being studied. The culmination of this project will be a business plan and/or a research proposal or new product. The final report is presented in a seminar or class in materials science, manufacturing engineering, or management.

#### *Mechanical Engineering*

The curriculum is divided into five distinct areas of study:

- Fluids Engineering
- Dynamics and Controls
- Structures and Materials
- Design and Manufacturing
- Biomechanical Engineering

Both the thesis and non-thesis options require the completion of 30 graduate credit hours. Students in the thesis option must complete 12 credits of thesis research (ME 599), whereas students in the non-thesis option may complete up to 9 credits of directed research (ME 598). The result of the research credits (ME 599) in the thesis option must be a completed master's thesis. The number of directed research credits (ME 598) completed in the non-thesis option can range from 0 to 9.

In the thesis option, the distribution of credits is as follows:

- 9 graduate credits in mechanical engineering
- 12 credits of thesis research (ME 599)
- 3 graduate credits in mathematics
- 6 graduate credits of electives within or outside of mechanical engineering

In the non-thesis option, the distribution of credits is as follows:

- 18 graduate credits in mechanical engineering (includes a maximum of 9 credits of directed research—ME 598)
- 3 graduate credits in mathematics
- 9 graduate credits of electives within or outside of mechanical engineering

### *Systems Engineering*

The Master of Science in Systems Engineering requires 30 course credits. As an interdisciplinary program, no more than half of the required program credits can be earned from a single department.

- SYS 501 Concepts of Systems Engineering (required)
- SYS 585 Systems Engineering Capstone Experience (required, min 3 credits)
  - The capstone experience requirement may be satisfied by an instructor-led systems engineering project, an individual directed research project, or a formal MS thesis. The capstone experience must be approved in advance by the student's academic advisor and must not exceed a total of 9 credits.
  - Students may not transfer credit to satisfy the required capstone project.
- At least three of the following:
  - SYS 510 Systems Architecture
  - SYS 511 Systems Integration and Test
  - MIS 576 Project Management
  - OIE 541 Operations Risk Management
- The balance of the 30 credits may be chosen from the 500/600 level courses in the WPI graduate catalog, and must be approved by faculty advisors.

### *Power Systems Engineering, leading to a graduate certificate*

The Graduate Certificate in Power Systems Management includes at least 17 credits of graduate coursework. In addition, the following conditions must be met:

- The program of study must include ECE599A Introduction to Power Systems
- The program of study must include at least two of the following Power Systems Engineering courses:
  - ECE559B Fundamentals of Power Quality
  - ECE559C Transients in Power Systems
  - ECE559E Electromechanical Energy Conversion
  - ECE559F Fundamentals of Power Distribution
  - ECE559G Power Systems Operations and Planning
  - ECE523 Power Electronics
- The program of study must contain at least 6 credits of coursework from the Department of Management

### Admissions and Enrollment

*Graduate Certificate in Power Systems Management:* over 60 individuals have been identified at Northeast Utilities and United Illuminating. WPI projects 25 part-time new enrollments each year.

*MBA:* WPI projects 25 part-time students in 2010 with an increase to 45 by year three of the initial program licensure.

*Electrical and Computer Engineering:* The projection for this program includes 25 part-time students in year one and two, and 50 part-time students in year three.

*Manufacturing Engineering:* The University is projecting 25 part-time students per year.

*Materials Process Engineering:* WPI projects 12 part-time students to enroll in 2010, increasing to 24 part-time students per year thereafter.

*Mechanical Engineering:* WPI is projecting 15 part-time students in the first year and increasing to a goal of 30 part-time students per year.

*Systems Engineering:* The projections for this program include 40 part-time students in year one, and increases to 80 part-time students by the third year of licensure.

### Comments from Other Institutions in Connecticut

The University of Hartford and the University of Connecticut have expressed concern regarding need for these programs in Connecticut.

## Resource Support

### Faculty

WPI utilizes a number of existing full- and part-time faculty members to teach in the proposed programs.

### Library and Learning Resources

WPI's library resources are sufficient to support the proposed programs. All periodical and resources from WPI's Library will be available to any student enrolled in a program offered by WPI.

### Facilities and Equipment

For operations in that state of Connecticut, WPI partners with organizations to deliver graduate programs to their employee base within their own facility. In most cases, such facilities are specifically designed for instruction or presentation and thus are fully outfitted with the equipment needed for instruction. In cases where equipment is inadequate, WPI provides the requisite equipment (e.g., projectors, computers, white boards, flip-charts, etc.).

## STAFF REPORT: ADVISORY COMMITTEE ON ACCREDITATION

Institution: Mitchell College

Item: Accreditation of a program in Communication, leading to the Bachelor of Science (B.S.) degree with Concentrations in 1) Interpersonal and Organizational Communication and 2) Performance and Technology

Date: March 18, 2010

### Background

The Board of Governors licensed a program in Communication, leading to a Bachelor of Science (B.S.) degree, with tracks in Behavioral, Performance and Technology, in May of 2007 for a three year period until June 2010. The College accepted students into the program in fall 2007.

### Description

#### Purpose and Objectives

The Bachelor of Science in Communication major is an interdisciplinary program combining courses in communication, business, information technology, behavioral sciences and the humanities. The program balances theory and application, and encourages students to be more effective communicators and thoughtful critics of the media.

#### Administration

The program is administered by the Department chair. Initially, he was hired as a consultant to continue developing and implementing the program at time of licensure. He has since been hired as Chair of the Communication Department.

#### Curriculum

The curriculum consists of 122 credits, distributed as follows: 41 credits general education, 18 credits in core communications courses, 36 credits in specialized concentration, and 27 credits in electives. Curriculum is at the end of the report.

The College indicated they have renamed and redesigned the “Tracks” into “Concentrations” to be more in line with current trends in the field of Communication and to meet the specific needs of their students.

The initial application identified three concentrations; Behavioral, Performance, and Technology. To stay current with changes within the communication discipline, the

College renamed the areas of study and, where appropriate, consolidated courses of study.

Behavioral was changed to Interpersonal and Organizational Communication because these areas better represent the study and application of communication principles and theories directly related to human behavior in both interpersonal/relational and organizational situations and environments. Also, these titles are consistent with current terminology within the discipline.

Performance and Technology are integral parts of an area that is undergoing considerable change. Production (video and audio), Performance and Technology are often linked together because their respective areas of study/coursework are essential components of media content. The new concentration provides students with sufficient course selection to establish a program that will provide them with both the necessary fundamentals and an opportunity to delve deeper into an area of their choice.

It was also necessary to consolidate the concentrations to allow for an efficient and effective rotation of courses given the number of students majoring in the program, the interest areas they chose to study, and the number of faculty available to support study in this area.

The College has indicated they have chosen to follow the National Communication Association (NCA) regarding communication discipline issues and program designs. NCA is the largest organization representing that area of study on national levels. While they do not have an official accreditation process, they are currently investigating that possibility.

### Enrollment

The College projected an enrollment of 14 full-time and part-time students in the first year and 28 full-time and part-time students by year three of the program. The College indicated enrollment of fall 2007 11 students; fall 2008 27 students and fall 2009 11 students.

## Resource Support

### Faculty

The Communication program is currently staffed by three full time faculty (including the department chair) and six part-time faculty members that teach in the program.

### Library and Learning Resources

The Mitchell College Library's collection is augmented significantly by its membership in Libraries Online, Inc. (LION). The Library supports the information, instruction, research and study needs of the college community.

## Facilities and Equipment

The program will not require any additional facilities. The College had allocated \$15,000 in support of the program, but provided over \$35,000 of funding for video equipment to support the Production/Performance and Technology concentration.

In 2009, the Communication Department started developing a radio station for Mitchell College. The Department raised \$13,000 through donations and \$8,000 from the College.

## **Curriculum**

### Bachelor of Science Degree in Communication

#### **Communication Core Requirements (18 credits)**

- CO101 Introduction to Communication
- CO107 Communication and Technology
- CO126 Interpersonal Communication
- CO220 Communicating in Groups
- CO441 Communication Fieldwork I
- CO450 Communication Capstone Course

## **Concentrations**

#### **Interpersonal & Organizational Communication (36 credits)**

- 24 credits required in Communication (from those listed below)
- 12 credits of open electives with Advisor's approval

- CO202 Communication and Society
- CO205 Information Technology and the Future
- CO233 Communication Research
- CO245 Persuasion
- CO307 Conflict and Communication
- CO310 Gender Communication
- CO312 Relationship Maintenance
- CO314 Interviewing
- CO320 Organizational Communication
- CO325 Strategic Business Communication
- CO400 Effective Teambuilding
- CO412 Family Communication
- CO425 Culture and Communication
- CO430 Communication Law and Ethics
- (Or other CO class pre-approved by Advisor)

**Production/Performance and Technology (36 credits)**

- 24 credits required in Communication (from those listed below)
- 12 credits of open electives with Advisor's approval

CO105 Mass Communication  
CO115 Introduction to Film Study  
CO140 Video Production I  
CO202 Communication and Society  
CO204 Introduction to Radio/Broadcasting  
CO205 Information Technology and the Future  
CO210 Audio and Radio Production  
CO240 Video Production II  
CO245 Persuasion  
CO300 Music and Entertainment on the Internet  
CO304 Advanced Radio Production  
CO305 Advanced Video Production  
CO320 Organizational Communication  
CO325 Strategic Business Communication  
CO333 Communication, Performance and the Media  
CO345 Video Post Production  
CO410 Advanced Video Post Production  
CO425 Culture and Communication  
CO430 Communication Law and Ethics  
(Or other CO class pre-approved by Advisor)

**Credit Allocation**

General Education	41
Communication Core	18
Communication Concentration	36
Elective Credits	<u>27</u>

**Total Credits      122**

## STAFF REPORT: ADVISORY COMMITTEE ON ACCREDITATION

Institution: University of Bridgeport

Item: Accreditation of a program in Global Development and Peace (GDP), leading to the Master of Arts (M.A.) degree to be offered online and on campus

Date: March 18, 2010

### Background

The Board of Governors licensed a program in Global Development and Peace at the University of Bridgeport, leading to a Masters of Arts (M.A.) degree in November 2007 for a three year period until November 2010.

### Description

#### Purpose and Objectives

The Master of Arts in Global Development and Peace is designed primarily for individuals who intend to pursue careers in international public service in government agencies, non-governmental organizations, and intergovernmental organizations. Graduates of the program may also pursue employment in the private sector, especially with banks, insurance companies, corporations, and management firms that have investments, branch offices, partners, or clients in developing countries.

#### Administration

The Dean of the International College has served as the interim chair of the Department. A full-time chair will be appointed, who will report to the Dean of the International College.

#### Curriculum

The program is a 36 credit graduate course of study offering three tracks: Culture Peace and Development, International Political Economy and Development and Global Management.

The International College has significant experience in distance learning and proposes to offer an online format, in addition to the existing onsite option. The University has a well established track record of offering online degree programs.

### Enrollment

The University anticipated 10 full-time and part-time students in August 2008, exceeding this projection with 15 students enrolled in the first year. The University projected 25 students enrolled by year three. As of spring 2010, there are 33 students enrolled of which six will graduate this spring.

### Resource Support

#### Faculty

The University lists 6 full-time and 3 part-time faculty members that teach in the program. All, but two faculty members hold doctoral degrees. In January 2011, an additional faculty member will be hired to teach in the program and supervise overseas internship placements.

#### Library and Learning Resources

The Library has continued with acquisitions for the program as indicated at the time of licensure. In addition, the Library has developed a specific search engine etc. for students enrolled in the Global Development and Peace program. An online Journal *The Journal of Global Development and Peace* was started in spring 2009 and a second issue is being prepared.

#### Facilities and Equipment

No new facilities were needed for the program.

Informational Item

Curriculum Sequence

**Semester I**

**Core (9 semester hours)**

GDP 501 Quantitative Research Methods and International Development	3
or	
GDP 502 Qualitative Research Methods and International Developments	3
GDP 511 Issues in Economic Development	3
GDP 527 Culture and International Development	3

**• Specialization Track A, B, or C (3 semester hours)**

**Track A Culture Peace and Development**

GDP 523 Peace and Development	3
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**Track B International Political Economy and Development**

GDP 521 Inequality, Poverty and Globalization	3
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**Track C Global Management Track**

Chose one of the following:

GSB 511/FIN 500 International Trade and Finance	3
GSB 524/FIN 525 International Financial Management	3
GSB 528/FIN 543 Technical Analysis & Trading	3

**Semester II**

**Core (6 semester hours)**

GDP 527 Culture and International Development	3
MGMT 522/GDP 522 Conflict and Negotiation	3

**Specialization Track A, B, or C (6 semester hours)**

**Track A Culture, Peace and Development**

**(Choose Two)**

GDP 521 Inequality, Poverty and Globalization	3
GDP 533 Cultural Dimensions of Globalization	3
GDP 537 Globalization of Mass Media	3

**Track B International Political Economy and Development Track**

**(Choose Two)**

GDP 524 Political and Economic Integration and	3
GDP 528 Global Economy and Terrorism	3
or	
GDP 529 Political Economy of Migration	3
or	
GDP 532 Corruption	3
or	
GSB 541/MKTG 550 Global Market Management	3

**Track C Global Management Track**  
**(Choose one from each of the two categories)**

Chose one of thee following:

GSB 537/MGMT 532 Global Program and Project Management	3
GSB 538/MGMT 533 Information Technology Strategy and Governance	3
GSB 539/MGMT 534 Strategic Sourcing and Vendor Management	3
GSB 580/MGMT 523 Leadership, Teams & Managing Change	3

Chose one of the following:

GSB 541/MKTG 550 Global Market Management	3
GSB 543/MKTG 543 Problems in Marketing Research	3
GSB 548/MKTG 530e-Marketing GSB 549	3
MKTG 551 Product Management, Innovation and Commercialization	3

**Semester III (Summer Internship)**

<b>Core GDP 611 Internship</b> <b>(3 semester hours)</b>	3
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**Semester IV**

<b>Core GDP 614 Thesis</b> <b>(3 semester hours)</b>	3
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**Specialization Track A, B, or C (6 semester hours)**

**Track A Culture Peace and Development (6 semester hours)**

MGMT 561 Economic, Regulatory, Political, Cultural and Societal Issues in Environmental and Energy Management	3
GDP 537 Globalization of Mass Media	3

**Track B International Political Economy and Development Track**  
**(6 semester hours) (Choose Two)**

GDP 528 Global Economy and Terrorism	3
or	
GDP 529 Political Economy of Migration	3
or	
GDP 532 Corruption	3
or	
GSB 541/MKTG 550 Global Market Management.	3

**Track C Global Management Track (6 semester hours)**

MGMT 598 Advanced Intellectual Property Management <i>and</i>	3
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**Choose one additional Global Management Track Course**

GSB 537/MGMT 532 Global Program and Project Management	3
GSB 538/MGMT 533 Information Technology Strategy and Governance	3
GSB 539/MGMT 534 Strategic Sourcing and Vendor Management	3
GSB 580/MGMT 523 Leadership, Teams & Managing Change	3
GSB 541/MKTG 550 Global Market Management.	3
GSB 543/MKTG 543 Problems in Marketing Research	3
GSB 548/MKTG 530e-Marketing GSB 549	3
MKTG 551 Product Management, Innovation and Commercialization	3

**One Elective from Track outside Student's Specialization**

## STAFF REPORT: ADVISORY COMMITTEE ON ACCREDITATION

Institution: University of Connecticut  
Item: Accreditation of a program in Public Health with a concentration in Occupational and Environmental Health Sciences, leading to a Doctor of Philosophy (Ph.D.) degree  
Date: March 18, 2010

### Background

The Board of Governors licensed a doctoral program in Public Health with a concentration in Occupational and Environmental Health Sciences at the University of Connecticut in June of 2007 for a three year period, until June 2010. The University is, therefore, current seeking accreditation of this program.

### Description

The University of Connecticut offers two other Public Health degrees through the Department of Community Medicine and Health Care at the School of Medicine:

- Ph.D. in Public Health, concentration in Social and Behavioral Health Sciences (accredited in 2009)
- Masters of Public Health (accredited in 1984)

The doctoral program in Public Health with a concentration in Occupational and Environmental Health Sciences is designed to prepare future public health leaders with the academic and research skills needed to protect and enhance health in human populations. This program provides students with comprehensive and specialized instruction in a broad range of occupational and environmental exposures—including physical and chemical agents, biological exposures, ergonomic exposures, accident/safety risks and psychosocial factors.

### Update since Licensure in 2007

The program enrolled its first student in the fall of 2008 and as of the fall of 2009 had three full-time students. In addition two students have been accepted but deferred their enrollment until fall 2010. The first student is expected to complete the program in the spring of 2011. This enrollment profile is in line with enrollment goal for this program at the time of licensure which called for a minimum of one and a maximum of five doctoral students entering each academic year.

The curriculum for the program has not been modified since licensure; however, the University reports two other changes:

1. The licensure application called for the hiring of a full-time faculty member in occupational or environmental epidemiology. A search was opened but withdrawn when the University announced a state-wide hiring freeze. An existing qualified faculty member is meeting the epidemiology requirements of the program currently, but the position will be resubmitted as soon as the University budget allows and the hiring freeze is lifted.
2. At licensure this program was housed in the Center for Public Health and Health Policy. In order to consolidate the Public Health programs at the University and to facilitate the accreditation of the program by the Council on Education for Public Health (CEPH), the administrative home of the program was moved to the Department of Community Medicine and Health Care. Dr. Thomas Babor chairs this department and has responsibility for the administration of the program. However the program continues to have an interdisciplinary and cross-campus focus with program chairs and faculty from both the School of Medicine and the Storrs campus.

## STAFF REPORT: ADVISORY COMMITTEE ON ACCREDITATION

Institution: University of New Haven

Item: Licensure and Accreditation of a program in Engineering and Operations Management, leading to the Master of Science in Engineering and Operations Management (M.S.E.O.M.) degree

Date: March 18, 2010

### Background

The proposed Master of Science in Engineering and Operations Management (MSEOM) program is designed to educate engineers and technical professionals who aspire to hold engineering, project management, and operations management positions in both the manufacturing and service sectors. According to the University, these individuals require advanced education in the use of scarce resources, managing workforce teams, establishing effective supply chains, assuring high quality products and services, establishing customer relationships, and planning successful organizational operations. In addition, certain topics are required that are usually part of an MBA program. For this program, basic finance, marketing, and organizational development topics that are needed to make good operational decisions are thus included. Graduates would typically seek positions such as plant manager, production planner, supply chain and logistics manager, quality assurance officer, project engineer, program coordinator, lean operations specialist, and contract engineering manager.

The University is seeking simultaneous licensure and accreditation because coursework is in place, existing faculty will teach in the program, no new resources are required, and the first graduates are projected for January 2012.

### Description

#### Purpose and Objectives

The University has provided the following program objectives:

Students will have an understanding of:

- the necessity of reducing cost, conserving resources, and using "lean six sigma"
- the relationships between quality, customer satisfaction, and profitability
- the practical utility of statistics in addressing uncertainty in decision-making
- the power of modeling and simulation for operations and process improvement
- the theory and practice of management and organizational design
- the psychological issues associated with planned change
- the essential roles of marketing in the global economy

- the integration of analysis tools with problem-solving methodologies
- the importance of finance and money markets for all organizations
- the system of production with its outsourcing and supply chains
- the importance of operations and decisive execution in successful organizations
- the need to constantly discover and implement new technology
- the necessity to compete, flourish, and grow in a global, often hostile, environment

Graduates of the program are expected to:

1. Plan, create and control a technical organization and its operations
2. Make hard decisions with complex systems consequences
3. Manage quality, delivery, and pricing in the face of competition
4. Enhance their critical thinking skills relative to the process of change
5. Manage the design, prototyping, and production processes
6. Apply creativity in developing alternatives that will improve product value
7. Understand and utilize group and team dynamics to get things done
8. Strengthen their analytical and problem solving skills
9. Optimize their communication and presentation skills

#### Administration

The MSEOM will be offered through the Tagliatela College of Engineering. The program courses are designed to offer a balance of theory and practical applications with a fair dose of software usage for problem solving in the services, operations and manufacturing areas. As such, this applied program will prepare graduates for employment in manufacturing and in technical service organizations.

The proposed MSEOM program will reside in the Industrial, System and Multidisciplinary Engineering Department within the Tagliatela College of Engineering. The program will have a coordinator who is a Professor of Industrial Engineering. He is currently the Coordinator of the existing MSIE program, and well qualified to lead this new program.

#### Curriculum

The MSEOM degree requires 36 credit hours for completion.

##### *Basic Courses*

EM 604 Concepts of Engineering and Quality Management	(3)
EM 607 Decision Making Under Uncertainty	(3)
EM 609 Applied Statistics for Quality and Engineering Management	(3)
EM 630 Project Management	(2)
EM 641 Supply Chain Management	(3)
EM 673 Specialized Topics in Engineering Management	(3)
EM 617 Financial Management/Engineering Applications	(3)
	Total: 20 credits

##### *Focused Courses*

EM 613 Organizational Change and Development	(2)
EM 627 Value Engineering and Design	(3)

or

EM 628 Six Sigma Quality Planning	(3)
EM 639 Achieving Optimal Operations	(3)
EM 681 Simulation Techniques and Applications	(3)
EM 690 Research Project	(3)
EM 615 Applied Marketing for Engineers and Operations Managers	(2)
	Total: 16 credits
	Program: 36 credits

Note: All courses except EM617 currently exist and are offered in regular academic schedules; EM617 is a new course created for this program.

The research project is designed to pull together all that a candidate has learned in the MSEOM degree program. A faculty advisor will work closely with the candidate to simulate a real-life engineering or operations project in a manufacturing plant or related organization. The candidate is expected to prepare a report of thesis quality, and to present it to a peer audience.

#### Admissions and Enrollment

Potential students include engineering and technical professionals holding a bachelor's degree in science, technology, engineering, mathematics, or business seeking to expand their career horizons or to move up to technical and operational management positions.

Qualified applicants will hold a bachelor's degree from an accredited institution, or foreign equivalent, in engineering, science, business (with strong quantitative background), mathematics, economics, or technology. In cases where deficiencies that are likely to impede success in a given course exist, the student may be required to take certain courses as prerequisites. Given the interdisciplinary nature of the MSEOM program, applicants from non-engineering but related backgrounds will be encouraged to apply. Diversity in course enrollments leads to a rich learning environment in management-oriented programs.

The University of New Haven is projecting enrollment of 10 new full-time students per year, as well as 8 – 10 part-time students joining the program each year. It is anticipated that the first students will enter the program in Fall 2010. The MSEOM degree is designed to permit full-time students taking a normal three-course load to complete the degree in four trimesters. Part-time students often require 3-4 years to finish a graduate degree. The first graduates of the program would be expected in January, 2012.

#### Comments from Other Institutions in Connecticut

There have been no comments or questions about the program from other institutions of higher education in Connecticut.

## Resource Support

### Faculty

All courses in the proposed program will be taught by current faculty. A search is underway for an additional faculty member in system engineering. This position is likely to provide some teaching support for the MSEOM, although its primary support will be for the B.S. in System Engineering program.

### Library and Learning Resources

The existing library holdings servicing the Tagliatela College of Engineering and the College of Business will adequately meet the needs of the MSEOM program. No additional library resources are required.

### Facilities and Equipment

No specialized facilities or equipment are needed for this proposed program.

INFORMATION ITEM: ACADEMIC AFFAIRS AND PLANNING

A. APPLICATIONS UNDER REVIEW BY THE ADVISORY COMMITTEE ON ACCREDITATION, MARCH 2010

Public Colleges and Universities

University of Connecticut, Storrs Campus

- \* Accreditation of a PH.D. in Public Health, Occupational and Environmental Health Sciences

University of Rhode Island

- \* Licensure of a MS in Chemistry

Independent Colleges and Universities

Lincoln College of New England

- \* Licensure of a BS in Health Information Management

Mitchell College

- \* Accreditation of a BS in Communication

Sacred Heart University

- \* Licensure of a MS in Environmental System Analysis and Management

University of Bridgeport

- \* Accreditation of a MA in Global Development and Peace

University of New Haven

- \* Licensure of a MS in Engineering and Operations Management

Worcester Polytechnic Institute

- \* Licensure of a MBA in Business Administration
- \* Licensure of a MS in Electrical and Computer Engineering
- \* Licensure of a MS in Manufacturing Engineering
- \* Licensure of a MS in Materials Process Engineering
- \* Licensure of a MS in Mechanical Engineering
- \* Licensure of a GRADCERT in Power Systems Management
- \* Licensure of a MS in Systems Engineering

B. REPORTS BEING PREPARED BY THE DEPARTMENT OF HIGHER EDUCATION

Independent Colleges and Universities

Bais Binyomin Academy

- \* Accreditation of a Certificate in Talmudic and Rabbinical Studies

Gibbs College

- \* Licensure of an AS in Cardiovascular Sonography
- \* Licensure of an AS in Diagnostic Medical Sonography

Goodwin College

- \* Licensure of an AS in Occupational Therapy Assistant

Lincoln College of New England

- \* Licensure of a BSN in Nursing
- \* Licensure of a BSN in Nursing - online
- \* Program Modification of an AAS in Health Information Technology

C. INSTITUTIONAL ACCREDITATIONS 2009-2010

September 2009

Hartford Seminary  
Western Connecticut State University

October 2009

Central Connecticut State University  
St. Vincent's College

November 2009

Briarwood College  
Clemens College  
St. Thomas Seminary

December 2009

University of Bridgeport

May 2010

Graduate Institute, The

June 2010

Gibbs College

D. INSTITUTIONAL ACCREDITATION VISITS WITH NEW ENGLAND ASSOCIATION OF SCHOOLS AND COLLEGES, 2009-2010

October 2009

Quinnipiac University

March 2010

Goodwin College  
Lincoln College of New England

E. DEPARTMENT OF HIGHER EDUCATION ACCREDITATION VISITS

December 2009

Bais Binyomin Academy

January 2010

Graduate Institute, The

F. APPLICATIONS TO ESTABLISH NEW INSTITUTIONS OF HIGHER EDUCATION IN CONNECTICUT

G. NEW INSTITUTIONS LICENSED

H. PROGRAM APPROVALS BY THE BOARD OF GOVERNORS, BY DEGREE LEVEL, AS OF MARCH 2010

	Cert.	Associate's	Bachelor's	Graduate	Master's	Doctoral
<u>Program Licensure</u> Public Institutions		1	2			
<u>Program Licensure</u> Independents		1	5	3	6	4
<u>Program Licensure</u> and Accreditation Public Institutions		5			2	
<u>Program Licensure</u> and Accreditation Independents	1			1		
<u>Program Accreditation</u> Public Institutions		1	1		1	
<u>Program Accreditation</u> Independents			1		6	
<u>Program Modification</u> Public Institutions		8			1	
<u>Program Modification</u> Independents			5	1	14	
<b>Totals</b>	1	16	14	5	30	4

I. PROGRAMS DUE TO EXPIRE WITHIN THE ACADEMIC YEAR

<b>Institution</b>	<b>Program</b>	<b>Licensure Expiration</b>
Goodwin College	General Studies, AS	03/31/2010
National Graduate School	Quality Systems Management, MS	03/31/2010
Quinnipiac University	Theater, BA	03/31/2010
Capital Community College	Insurance and Financial Services, AS	05/31/2010
Gibbs College	Medical Assisting, AS	06/30/2010
Long Island University	Field Experience/Clinical Practice Program, FE/CP	06/30/2010
Manhattanville College	Field Experience/Clinical Practice Program, FE/CP	06/30/2010
Mitchell College	Communication, BS	06/30/2010
University of Connecticut	Public Health, Occupational and Environmental Health Sciences, PH.D.	06/30/2010
University of Rhode Island	Chemistry, MS	06/30/2010
University of Rhode Island	Field Experience Placement, FE/CP	06/30/2010

At its meeting on February 17, 2010, a quorum being present, the Board of Governors for Higher Education approved the following resolutions:


RESOLVED: that the Board of Governors for Higher Education accredits the Talmudic Institute of Connecticut and the Certificate in Talmudic Studies for a period of five years, until February 28, 2015.

RESOLVED: that the Board of Governors for Higher Education approves Fairfield University's request to offer doctoral level degree programs and licenses a program in Nursing Practice, leading to the Doctor of Nursing Practice (DNP) degree, for a period of two years until February 29, 2012.

RESOLVED: that the Board of Governors for Higher Education licenses the following programs at Sacred Heart University, for a period of three years until February 28, 2013:

- A program in Applied Psychology, leading to a Master of Science (M.S.) degree delivered on ground and online;
- A graduate certificate in Industrial Organizational Psychology offered both on ground and online; and
- A graduate certificate in Community Psychology offered both on ground and online.

RESOLVED: that the Board of Governors for Higher Education relicenses the program in American Maritime Studies, offered by Williams College at Mystic Seaport in Mystic, Connecticut, for a period of three years until February 28, 2013.

  
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Michael P. Meotti  
Commissioner

2/17/10