Academic Senate

Agenda for the Meeting

Tuesday, November 20,2012
6:00 p.m.

Centennial Dining Room, Rankin Center

I. Call to Order and Roll Call

II. Announcements

A. President Haneline

III. New Business

A. Academic Program Review Recommendations – Dr. Matthew Wagenheim

VII. Open Forum

VIII. Adjournment

Academic Program Review Council
Report to the Senate 2012

Date: November 20, 2012
To: Academic Senate
From: Academic Program Review Council
Subject: Recommendations to the Academic Senate

In accordance with the guidelines set out in *Academic Program Review: A Guide for Participants*, the Academic Program Review Council (APRC) presents these recommendations for Senate consideration.

Academic program review began at Ferris in 1988, and has continued uninterrupted since 1995. This year we present the seventeenth continuous year of program review recommendations. This is an impressive record that speaks well of the long-term commitment of Ferris faculty and administration to comprehensive program assessment and improvement.

These recommendations are the product of a year's work done by over one hundred faculty members, Ferris administrators, and loyal friends of degree programs. Eleven degree programs produced self-study reports and two programs produced follow-up summaries which were submitted to APRC in August. Beginning on the day after Labor Day, APRC has met for three hours on Tuesday and Thursday evening for ten weeks—reading, analyzing, meeting with program review panels, and formulating recommendations. It is our belief that these steps make academic program review valuable for the entire University community.

The recommendations are in three categories—general, program specific, and process related.

After the Academic Senate acts on these recommendations, they will go to the Provost, the President, and the Board of Trustees for action and implementation.

All faculty members bear a responsibility not just for their own courses and programs, but also for the integrity and value of the University's entire curriculum. By our participation in this process this year, we affirm once again the importance of the role faculty play in decision-making about academic programs. I would like to publically thank the members of the 2012_2013 academic program review council for their hard work and dedication.

Sandy Cook, Allied Health Sciences
Lisa Eshbach, Business
Brad Isler, Arts and Sciences
Alison Konieczny, FLITE
Gary Todd, Engineering Technology
Helen Woodman, Retention and Student Success

Sincerely,

Matt Wagenheim, Chair

Academic Program Review Council
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These recommendations are the product of a year's work done by over one hundred faculty members, Ferris administrators, and loyal friends of degree programs. Eleven degree programs produced self-study reports and two programs produced follow-up summaries which were submitted to APRC in August. Beginning on the day after Labor Day, APRC has met for three hours on Tuesday and Thursday evening for ten weeks—reading, analyzing, meeting with program review panels, and formulating recommendations. It is our belief that these steps make academic program review valuable for the entire University community.

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Matt Wagenheim, Chair

Academic Program Review Council
Report to the Senate 2012

Suggestions for APR Process Improvements

These recommendations are designed to make the academic program review process more efficient and effective. Recommendations come from council members who have gone through the APR process themselves (as program representatives or PRP chairs) in addition to serving on the APRC for many years.

1. Programs subject to external accreditation will be allowed to submit the report constructed for external review as stand-in for the program review report requirement of FSU Academic Program Review (APR) process. Programs subject to outside review will be put on that same review schedule for APR even if the cycle differs from the current six year APR cycle. Programs will not be required to develop a compendium to the external report, but will be open to questions from the APR council based on their submission and will be scheduled for a face-to-face meeting with council members.

November 20, 2012

Academic Program Review Council
Report to the Senate 2012

General Recommendations

These recommendations accompany and complement the recommendations for specific degree programs. They also address policy issues broadly relevant to program review.

1. University administration should strive for transparency in the decision making process undertaken to effectuate a program's closure, faculty replacement or new line approval, or other decisions impacting program delivery. The inherent differences between stand-alone programs and those teaching primarily general education courses must be considered. The criterion used to determine program quality must be accessible to the Academic Senate and the Ferris Faculty Association. It should be determined how the program review process can be an integral part of this process.

2. The University should evaluate the contribution career services plays in graduating student success in finding employment.

3. The University should investigate the potential for some website control (including updating capability) at the program or department level.

4. The University should investigate the current system for computer support across programs and departments. Minimum computer requirements should be evaluated.

November 20, 2012

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.A. in English**
CC: Christine Persak, Katherine Harris, Rick Kurtz, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.A. in English

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students. The program operates as a retention program with multiple career or graduate education options available upon graduation.
- **Program Visibility and Distinctiveness:** The program works in close collaboration with various programs across campus.
- **Program Value:** The program has shown steady growth over the last five years. Program faculty support the English degree as well as Women's Studies and African American minors.
- **Program Enrollment:** In Fall 2012, the English program had 35 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment or continue graduate study in Michigan, throughout the United States and internationally.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The program services majors as well as general education courses with well-qualified faculty.
- Program enrollment is very diverse.
- Program faculty offer a unique emphasis on recognized classic literature.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The English program should establish greater oversight of the minors required for program completion.
- The English program should make more effective use of their advisory board. Annual or semi-annual advisory board meetings are recommended.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Political Science**
CC: Rick Griffin, Tom Behler, Rick Kurtz, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Political Science

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program emphasizes public administration with the requirement for a fifteen credit specialization which allows for a very customizable degree.
- **Program Value:** As program faculty service a large number of general education courses, the program operates at little additional cost to the university.
- **Program Enrollment:** In Fall 2012, the Political Science program had 30 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment or continue graduate study in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- Program graduates enjoy relatively high salary potential.
- Program faculty are intimately involved with the nationally recognized Political Engagement Project and the American Democracy Project.
- The program offers a unique public administration focus and hands-on experience through a required internship.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The Political Science program should continue to explore the possibility of including tracks of study: public administration, American government, and International Politics.
- The Political Science program should evaluate the program's name in relation to the current curricular emphasis on public administration.
- The Political Science program should reinstate annual or semi-annual advisory board meetings.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Business Administration**
CC: Dave Steenstra, Dave Nicol, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Business Administration

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students. The program allows graduates great flexibility in employment opportunities.
- **Program Visibility and Distinctiveness:** The program services students by offering opportunities on the main FSU campus, online, and at satellite locations.
- **Program Value:** The program supports one of the largest colleges on campus by offering courses that service both majors and students in other College of Business programs.
- **Program Enrollment:** In Fall 2012, the Business Administration program had 631 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- Program graduates enjoy relatively high salary potential.
- The program is very large, hosting greater than 600 students as of fall 2012.
- The program engages in numerous collaborative relationships across campus and across the state.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The Business Administration program should evaluate the effectiveness of their current advising policies and procedures.
- The Business Administration program should investigate the time it takes to graduation in light of an increased emphasis on reducing student debt.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Information Security and Intelligence**
CC: Barbara Ciaramitaro, Jim Woolen, Dave Nicol, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Information Security and Intelligence

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program has been recognized by the department of Homeland Security as a model for student success.
- **Program Value:** The program offers instruction in a cutting edge, in demand, field.
- **Program Enrollment:** In Fall 2012, the Information Security and Intelligence program had 116 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- Program graduates enjoy relatively high salary potential.
- The program enjoys a national reputation as a unique and high quality program.
- Program faculty are dedicated to offering students cutting edge information and skills.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The Information Security and Intelligence program should explore the potential for collaboration with the Computer Networks and Systems program in the college of Engineering Technology.
- The Information Security and Intelligence program should continue exploration of capitalizing on the large military veteran student market.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Operations and Supply Management**
CC: David Marion, Van Edgerton, Dave Nicol, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Operations and Supply Management

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program makes effective use of established learning outcomes to improve program quality.
- **Program Value:** As program faculty teaches extensively in the business core and other specialties, the program operates at little cost to the University. The program acts as an internal retention program within the College of Business.
- **Program Enrollment:** In Fall 2012, the Operations and Supply Management program had 11 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- Program faculty enjoys a strong relationship with local business leaders.
- The program emphasizes a strong international business perspective.
- Program graduates enjoy a high employment rate.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The Operations and Supply Management program needs to explore new ways to market the program, including benchmarking other successful programs across the state.
- The Operations and Supply Management program needs to increase marketing focus on the offered Lean Certificate.
- The Operations and Supply Management program should explore a collaborative relationship with the Manufacturing programs within the college of Engineering Technology.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Digital Media Software Engineering**
CC: Rick Baker, Glen Okonoski, Michelle Johnston, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Digital Media Software Engineering

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program with Reporting: The program's status with respect to the categories in Section 5 of the report merits continuation. However, major changes have been recently implemented that have a direct impact on the program, and the faculty and administration of the program will be asked to report as to program progress in relation to those changes.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program offers a degree in a high demand field of study.
- **Program Value:** The program recently emerged from the incubator housed within the FSU Grand Rapids campus with a strong foundation for success. It is an exciting edition to the newly formed School of Digital Media within the College of Education and Human Services.
- **Program Enrollment:** In Fall 2012, the Digital Media Software Engineering program had 32 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The program has a strong foundation for success in a very high-demand field.
- The program has an opportunity for growth as part of the School of Digital Media within the College of Education and Human Services.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- COEHS and School of Digital Media, working with FSU administration should explore the reassignment of the current full time temporary faculty member to a full time tenure track position.
- COEHS, School of Digital Media, and FSU administration should explore increased marketing of the program to give it every chance of success post-incubator.

- The program should continue to explore the potential for external accreditation.

VI. THE DIGITAL MEDIA SOFTWARE ENGINEERING PROGRAM WILL SUBMIT A REPORT TO THE PROGRAM REVIEW COUNCIL NO LATER THAN OCTOBER 15, 2014 WHICH ADDRESSES THE FOLLOWING:

- The current status of the effectiveness of the administrative structure within the School of Digital Media within the College of Education and Human Services.
- An update and explanation as to the tenure track status of program faculty.
- An update regarding the program's physical location and day-to-day operation.
- An update outlining current student enrollment, graduation, and retention numbers.
- An update outlining the status of external accreditation.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Automotive Engineering Technology and A.A.S. in Automotive Service**
CC: Russ Leonard, Greg Key, Ben Upham, Larry Schult, J.K. Yates, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Automotive Engineering Technology
A.A.S. in Automotive Service

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program with Reporting: The program's status with respect to the categories in Section 5 of the report merits continuation. However, major changes have been recently implemented that have a direct impact on the program, and the faculty and administration of the program will be asked to report as to program progress in relation to those changes.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program is one of only two in the country offering a degree in Automotive Engineering Technology.
- **Program Value:** The program enjoys good community relations and student hands-on experience through the service floor operation.
- **Program Enrollment:** In Fall 2012, the Automotive Engineering Technology program had 157 and the Automotive Service program had 39 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The program is one of only two Automotive Engineering programs in the country.
- The program has an opportunity for growth under a newly revised administrative structure.

V. APRC RECOMMENDS AN UPDATED REPORT REGARDING PROGRAM STATUS BASED ON THE FOLLOWING:

- The Automotive Engineering Technology and Automotive Service programs have experienced turbulent relationships among many faculty and administrators.

- The programs seem unable to clearly identify their role within the college of Engineering Technology which has led to confusion among students regarding administrative oversight and control.
- Both current and graduated students expressed their concerns regarding the currency of (some) of the information presented in multiple courses.
- A newly established administrative structure has announced sweeping program changes.

VI. THE AUTOMOTIVE ENGINEERING TECHNOLOGY AND AUTOMOTIVE SERVICE PROGRAMS WILL SUBMIT A REPORT TO THE PROGRAM REVIEW COUNCIL NO LATER THAN OCTOBER 15, 2014 WHICH ADDRESSES THE FOLLOWING:

- The current status regarding the effectiveness of the administrative structure providing direction and oversight.
- Updated program goals and timeline to completion.
- Current student evaluation regarding program operations and quality.
- Current student evaluation regarding curriculum effectiveness and relevancy.
- Current faculty evaluation regarding program operations and quality.
- Current faculty goals for currency within the field and timeline for completion.
- Update on curricular changes and success.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in HVACR Engineering Technology and A.A.S. in HVACR Technology**
CC: Doug Zentz, Brian Craig, J.K. Yates, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in HVACR Engineering Technology
A.A.S. in HVACR Technology

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The programs' status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students. The programs have a long established tradition at FSU dating to 1945.
- **Program Visibility and Distinctiveness:** The B.S. in HVACR Engineering Technology is one of only two offered in the country.
- **Program Value:** The programs enjoy extensive external support including a dedicated marketing position.
- **Program Enrollment:** In Fall 2012, the HVACR Engineering Technology program had 156 and the HVACR Technology program had 60 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- Program faculty are innovative in their approach toward online learning.
- The program is very large, hosting greater than 200 students as of fall 2012.
- The B.S. in HVACR Engineering Technology is one of only two in the country.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- College of Engineering Technology administration, FSU administration and HVACR faculty should work in concert to establish an efficient administrative structure with clearly defined roles and responsibilities.
- College of Engineering Technology administration, FSU administration and HVACR faculty should work in concert to determine the potential of additional support personnel for roles in recruiting, retention, and other logistical duties required for student success.

- The HVACR programs should explore collaboration between themselves and related courses offered within the College of Engineering Technology.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Manufacturing Engineering Technology**
CC: Bruce Gregory, Jim Rumpf, J.K. Yates, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Manufacturing Engineering Technology

II. THE PROGRAM WAS REVIEWED DURING THE 2010/2011 and 2011/2012 CYCLES AND ASKED TO SUBMIT A REPORT TO APRC, DUE 1 OCTOBER 2012, FOCUSING ON THE FOLLOWING ISSUES:

- Current program status
- Identification of specific target market(s)
- Benchmarking the program against successful competitors
- Update regarding meeting strategic plan

III. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

- APRC thanks the Manufacturing Engineering Technology faculty and CET administration for the update, which details the response to the above issues:
    - Current program status: "After further review, this item was considered to be covered sufficiently in the original APR document." – update not provided.
    - Identification of specific target market(s): A variety of initiatives for increasing student enrollment (on the FSU main campus and in Grand Rapids) were outlined.
    - Benchmarking the program: Employers who have hired both Ferris graduates and graduates from competitor schools were surveyed using a faculty developed instrument. Results of that analysis were provided.
    - Update regarding meeting strategic plan: "The program does not have a strategic plan per se. Aside from faculty initiatives, encouraged by Advisory Board support, micro changes are made to add/delete content as needed to remain as current as our resources allow."

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **A.A.S. in Manufacturing Technology**
CC: Dean Krager, Jim Rumpf, J.K. Yates, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

A.A.S. in Manufacturing Technology

II. THE PROGRAM WAS REVIEWED DURING THE 2010/2011 and 2011/2012 CYCLES AND ASKED TO SUBMIT A REPORT TO APRC, DUE 1 OCTOBER 2012, FOCUSING ON THE FOLLOWING ISSUES:

- Current program status
- Identification of specific target market(s)
- Benchmarking the program against successful competitors

III. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

- APRC thanks the Manufacturing Engineering Technology faculty and CET administration for the update, which details the response to the above issues:
    - Current program status: Graduate, employer, graduating students, current students, and faculty surveys were conducted. Summary of results were provided.
    - Identification of specific target market(s). update not provided.
    - Benchmarking the program: update not provided.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Surveying Engineering and A.A.S. in Surveying Technology**
CC: Khagendra Thapa, Debbie Dawson, J.K. Yates, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Surveying Engineering
A.A.S. in Surveying Technology

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The programs' status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students. The programs have a long established tradition at FSU dating to 1957.
- **Program Visibility and Distinctiveness:** The program was the first in the country to offer a B.S. in Surveying Engineering.
- **Program Value:** The B.S. in Surveying Engineering is one of only seven such programs accredited in the country.
- **Program Enrollment:** In Fall 2012, the Surveying Engineering program had 42 and the Surveying Technology program had 14 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The program is pioneering in the field of Surveying Engineering.
- The program is well equipped to train graduates for licensure in all 50 states.
- The programs enjoy a good working relationship with industry.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The programs should review the curriculum for a greater focus on in-demand surveying areas.
- The programs should investigate the potential of a minor in Civil Engineering.
- The programs should investigate the potential of a certificate in Hydrographic Surveying.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **A.A.S. in Diagnostic Medical Sonography**
CC: Michelle Weemaes, Theresa Raglin, Matthew Adeyanju, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

A.A.S. in Diagnostic Medical Sonography

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students. The program supports learning opportunities for students through a unique non-competitive admission process.
- **Program Visibility and Distinctiveness:** The program offers students an internship opportunity that combines lab and classroom work with clinical experience. This internship approach has been recognized by the program's outside accrediting body as a pioneering model for student success.
- **Program Value:** The program graduates in-demand students who are recognized in the field for their dedication and professionalism. The program has been recognized for its quality through accreditation by the Joint Review Committee on Education in Diagnostic Medical Sonography.
- **Program Enrollment:** In Fall 2012, the DMS program had 41 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The program is in high demand, filling to capacity each year.
- The program offers a clinical internship sequence that has been recognized by its accrediting body as a pioneer model.
- Interns have been recognized by on-site clinical coordinators for their ethics and professionalism.
- The program enjoys state-of-the-art equipment and lab space.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- CHP administration should work with DMS faculty regarding program workload policy focusing on program and clinical coordinators' release time.

- CHP administration should work with DMS faculty regarding the current policy regarding internship site visit compensation.
- CHP administration and FSU administration should work with DMS faculty to sustain and expand the number of clinical internship sites.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Health Information Management and A.A.S. in Health Information Technology**
CC: Paula Hagstrom, Greg Zimmerman, Matthew Adeyanju, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Health Information Management
A.A.S. in Health Information Technology

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program with Enhancement: The program's status with respect to the categories in Section 5 of the report merits continuation. The program's status with regard to several of the categories is significantly high, and its less satisfactory status with regard to the other categories could be significantly improved by the allocation of additional resources.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program is one of only two health information management programs in the state. The HIM program is at student capacity each year.
- **Program Value:** The program graduates in-demand students into a field that is poised to grow fast with the aging population and pressure to switch to electronic medical record keeping.
- **Program Enrollment:** In Fall 2012, the Health Information Management program had 52 students and the Health Information Technology program had 95 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The programs enjoy a well-equipped laboratory with state of the art hardware and software.
- Industry demand is expected to grow (by at least) 20% in the coming years due in part to the switch to electronic medical record keeping and an aging population.
- Graduating students are well prepared to sit for the national certification exam.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- Program faculty are responsible for all aspects of program management, including required on-site internship visits. All faculty (including two tenure track faculty and one adjunct) are on perpetual overload. This program needs a third tenure track line in addition to the two tenure track lines and one adjunct position currently in place.

- CHP administration, FSU administration, and program faculty should work in concert to address the potential for a fee or student loan holdback that would allow for payment of the sitting fees for national certification upon graduation.

Academic Program Review Council
Report to the Senate 2012

Suggestions for APR Process Improvements

These recommendations are designed to make the academic program review process more efficient and effective. Recommendations come from council members who have gone through the APR process themselves (as program representatives or PRP chairs) in addition to serving on the APRC for many years.

1. Programs subject to external accreditation will be allowed to submit the report constructed for external review as stand-in for the program review report requirement of FSU Academic Program Review (APR) process. Programs subject to outside review will be put on that same review schedule for APR even if the cycle differs from the current six year APR cycle. Programs will not be required to develop a compendium to the external report, but will be open to questions from the APR council based on their submission and will be scheduled for a face-to-face meeting with council members.

November 20, 2012

Academic Program Review Council
Report to the Senate 2012

General Recommendations

These recommendations accompany and complement the recommendations for specific degree programs. They also address policy issues broadly relevant to program review.

1. University administration should strive for transparency in the decision making process undertaken to effectuate a program's closure, faculty replacement or new line approval, or other decisions impacting program delivery. The inherent differences between stand-alone programs and those teaching primarily general education courses must be considered. The criterion used to determine program quality must be accessible to the Academic Senate and the Ferris Faculty Association. It should be determined how the program review process can be an integral part of this process.

2. The University should evaluate the contribution career services plays in graduating student success in finding employment.

3. The University should investigate the potential for some website control (including updating capability) at the program or department level.

4. The University should investigate the current system for computer support across programs and departments. Minimum computer requirements should be evaluated.

November 20, 2012

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Automotive Engineering Technology and A.A.S. in Automotive Service**
CC: Russ Leonard, Greg Key, Ben Upham, Larry Schult, J.K. Yates, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Automotive Engineering Technology
A.A.S. in Automotive Service

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program with Reporting: The program's status with respect to the categories in Section 5 of the report merits continuation. However, major changes have been recently implemented that have a direct impact on the program, and the faculty and administration of the program will be asked to report as to program progress in relation to those changes.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program is one of only two in the country offering a degree in Automotive Engineering Technology.
- **Program Value:** The program enjoys good community relations and student hands-on experience through the service floor operation.
- **Program Enrollment:** In Fall 2012, the Automotive Engineering Technology program had 157 and the Automotive Service program had 39 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The program is one of only two Automotive Engineering programs in the country.
- The program has an opportunity for growth under a newly revised administrative structure.

V. APRC RECOMMENDS AN UPDATED REPORT REGARDING PROGRAM STATUS BASED ON THE FOLLOWING:

- The Automotive Engineering Technology and Automotive Service programs have experienced turbulent relationships among many faculty and administrators.

- The programs seem unable to clearly identify their role within the college of Engineering Technology which has led to confusion among students regarding administrative oversight and control.
- Both current and graduated students expressed their concerns regarding the currency of (some) of the information presented in multiple courses.
- A newly established administrative structure has announced sweeping program changes.

VI. THE AUTOMOTIVE ENGINEERING TECHNOLOGY AND AUTOMOTIVE SERVICE PROGRAMS WILL SUBMIT A REPORT TO THE PROGRAM REVIEW COUNCIL NO LATER THAN OCTOBER 15, 2014 WHICH ADDRESSES THE FOLLOWING:

- The current status regarding the effectiveness of the administrative structure providing direction and oversight.
- Updated program goals and timeline to completion.
- Current student evaluation regarding program operations and quality.
- Current student evaluation regarding curriculum effectiveness and relevancy.
- Current faculty evaluation regarding program operations and quality.
- Current faculty goals for currency within the field and timeline for completion.
- Update on curricular changes and success.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Business Administration**
CC: Dave Steenstra, Dave Nicol, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Business Administration

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students. The program allows graduates great flexibility in employment opportunities.
- **Program Visibility and Distinctiveness:** The program services students by offering opportunities on the main FSU campus, online, and at satellite locations.
- **Program Value:** The program supports one of the largest colleges on campus by offering courses that service both majors and students in other College of Business programs.
- **Program Enrollment:** In Fall 2012, the Business Administration program had 631 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- Program graduates enjoy relatively high salary potential.
- The program is very large, hosting greater than 600 students as of fall 2012.
- The program engages in numerous collaborative relationships across campus and across the state.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The Business Administration program should evaluate the effectiveness of their current advising policies and procedures.
- The Business Administration program should investigate the time it takes to graduation in light of an increased emphasis on reducing student debt.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **A.A.S. in Diagnostic Medical Sonography**
CC: Michelle Weemaes, Theresa Raglin, Matthew Adeyanju, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

A.A.S. in Diagnostic Medical Sonography

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students. The program supports learning opportunities for students through a unique non-competitive admission process.
- **Program Visibility and Distinctiveness:** The program offers students an internship opportunity that combines lab and classroom work with clinical experience. This internship approach has been recognized by the program's outside accrediting body as a pioneering model for student success.
- **Program Value:** The program graduates in-demand students who are recognized in the field for their dedication and professionalism. The program has been recognized for its quality through accreditation by the Joint Review Committee on Education in Diagnostic Medical Sonography.
- **Program Enrollment:** In Fall 2012, the DMS program had 41 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The program is in high demand, filling to capacity each year.
- The program offers a clinical internship sequence that has been recognized by its accrediting body as a pioneer model.
- Interns have been recognized by on-site clinical coordinators for their ethics and professionalism.
- The program enjoys state-of-the-art equipment and lab space.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- CHP administration should work with DMS faculty regarding program workload policy focusing on program and clinical coordinators' release time.

- CHP administration should work with DMS faculty regarding the current policy regarding internship site visit compensation.
- CHP administration and FSU administration should work with DMS faculty to sustain and expand the number of clinical internship sites.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Digital Media Software Engineering**
CC: Rick Baker, Glen Okonoski, Michelle Johnston, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Digital Media Software Engineering

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program with Reporting: The program's status with respect to the categories in Section 5 of the report merits continuation. However, major changes have been recently implemented that have a direct impact on the program, and the faculty and administration of the program will be asked to report as to program progress in relation to those changes.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program offers a degree in a high demand field of study.
- **Program Value:** The program recently emerged from the incubator housed within the FSU Grand Rapids campus with a strong foundation for success. It is an exciting edition to the newly formed School of Digital Media within the College of Education and Human Services.
- **Program Enrollment:** In Fall 2012, the Digital Media Software Engineering program had 32 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The program has a strong foundation for success in a very high-demand field.
- The program has an opportunity for growth as part of the School of Digital Media within the College of Education and Human Services.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- COEHS and School of Digital Media, working with FSU administration should explore the reassignment of the current full time temporary faculty member to a full time tenure track position.
- COEHS, School of Digital Media, and FSU administration should explore increased marketing of the program to give it every chance of success post-incubator.

- The program should continue to explore the potential for external accreditation.

VI. THE DIGITAL MEDIA SOFTWARE ENGINEERING PROGRAM WILL SUBMIT A REPORT TO THE PROGRAM REVIEW COUNCIL NO LATER THAN OCTOBER 15, 2014 WHICH ADDRESSES THE FOLLOWING:

- The current status of the effectiveness of the administrative structure within the School of Digital Media within the College of Education and Human Services.
- An update and explanation as to the tenure track status of program faculty.
- An update regarding the program's physical location and day-to-day operation.
- An update outlining current student enrollment, graduation, and retention numbers.
- An update outlining the status of external accreditation.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.A. in English**
CC: Christine Persak, Katherine Harris, Rick Kurtz, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.A. in English

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students. The program operates as a retention program with multiple career or graduate education options available upon graduation.
- **Program Visibility and Distinctiveness:** The program works in close collaboration with various programs across campus.
- **Program Value:** The program has shown steady growth over the last five years. Program faculty support the English degree as well as Women's Studies and African American minors.
- **Program Enrollment:** In Fall 2012, the English program had 35 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment or continue graduate study in Michigan, throughout the United States and internationally.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The program services majors as well as general education courses with well-qualified faculty.
- Program enrollment is very diverse.
- Program faculty offer a unique emphasis on recognized classic literature.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The English program should establish greater oversight of the minors required for program completion.
- The English program should make more effective use of their advisory board. Annual or semi-annual advisory board meetings are recommended.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Health Information Management and A.A.S. in Health Information Technology**
CC: Paula Hagstrom, Greg Zimmerman, Matthew Adeyanju, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Health Information Management
A.A.S. in Health Information Technology

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program with Enhancement: The program's status with respect to the categories in Section 5 of the report merits continuation. The program's status with regard to several of the categories is significantly high, and its less satisfactory status with regard to the other categories could be significantly improved by the allocation of additional resources.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program is one of only two health information management programs in the state. The HIM program is at student capacity each year.
- **Program Value:** The program graduates in-demand students into a field that is poised to grow fast with the aging population and pressure to switch to electronic medical record keeping.
- **Program Enrollment:** In Fall 2012, the Health Information Management program had 52 students and the Health Information Technology program had 95 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The programs enjoy a well-equipped laboratory with state of the art hardware and software.
- Industry demand is expected to grow (by at least) 20% in the coming years due in part to the switch to electronic medical record keeping and an aging population.
- Graduating students are well prepared to sit for the national certification exam.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- Program faculty are responsible for all aspects of program management, including required on-site internship visits. All faculty (including two tenure track faculty and one adjunct) are on perpetual overload. This program needs a third tenure track line in addition to the two tenure track lines and one adjunct position currently in place.

- CHP administration, FSU administration, and program faculty should work in concert to address the potential for a fee or student loan holdback that would allow for payment of the sitting fees for national certification upon graduation.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in HVACR Engineering Technology and A.A.S. in HVACR Technology**
CC: Doug Zentz, Brian Craig, J.K. Yates, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in HVACR Engineering Technology
A.A.S. in HVACR Technology

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The programs' status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students. The programs have a long established tradition at FSU dating to 1945.
- **Program Visibility and Distinctiveness:** The B.S. in HVACR Engineering Technology is one of only two offered in the country.
- **Program Value:** The programs enjoy extensive external support including a dedicated marketing position.
- **Program Enrollment:** In Fall 2012, the HVACR Engineering Technology program had 156 and the HVACR Technology program had 60 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- Program faculty are innovative in their approach toward online learning.
- The program is very large, hosting greater than 200 students as of fall 2012.
- The B.S. in HVACR Engineering Technology is one of only two in the country.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- College of Engineering Technology administration, FSU administration and HVACR faculty should work in concert to establish an efficient administrative structure with clearly defined roles and responsibilities.
- College of Engineering Technology administration, FSU administration and HVACR faculty should work in concert to determine the potential of additional support personnel for roles in recruiting, retention, and other logistical duties required for student success.

- The HVACR programs should explore collaboration between themselves and related courses offered within the College of Engineering Technology.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Information Security and Intelligence**
CC: Barbara Ciaramitaro, Jim Woolen, Dave Nicol, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Information Security and Intelligence

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program has been recognized by the department of Homeland Security as a model for student success.
- **Program Value:** The program offers instruction in a cutting edge, in demand, field.
- **Program Enrollment:** In Fall 2012, the Information Security and Intelligence program had 116 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- Program graduates enjoy relatively high salary potential.
- The program enjoys a national reputation as a unique and high quality program.
- Program faculty are dedicated to offering students cutting edge information and skills.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The Information Security and Intelligence program should explore the potential for collaboration with the Computer Networks and Systems program in the college of Engineering Technology.
- The Information Security and Intelligence program should continue exploration of capitalizing on the large military veteran student market.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Operations and Supply Management**
CC: David Marion, Van Edgerton, Dave Nicol, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Operations and Supply Management

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program makes effective use of established learning outcomes to improve program quality.
- **Program Value:** As program faculty teaches extensively in the business core and other specialties, the program operates at little cost to the University. The program acts as an internal retention program within the College of Business.
- **Program Enrollment:** In Fall 2012, the Operations and Supply Management program had 11 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- Program faculty enjoys a strong relationship with local business leaders.
- The program emphasizes a strong international business perspective.
- Program graduates enjoy a high employment rate.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The Operations and Supply Management program needs to explore new ways to market the program, including benchmarking other successful programs across the state.
- The Operations and Supply Management program needs to increase marketing focus on the offered Lean Certificate.
- The Operations and Supply Management program should explore a collaborative relationship with the Manufacturing programs within the college of Engineering Technology.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Political Science**
CC: Rick Griffin, Tom Behler, Rick Kurtz, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Political Science

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The program's status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students.
- **Program Visibility and Distinctiveness:** The program emphasizes public administration with the requirement for a fifteen credit specialization which allows for a very customizable degree.
- **Program Value:** As program faculty service a large number of general education courses, the program operates at little additional cost to the university.
- **Program Enrollment:** In Fall 2012, the Political Science program had 30 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment or continue graduate study in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- Program graduates enjoy relatively high salary potential.
- Program faculty are intimately involved with the nationally recognized Political Engagement Project and the American Democracy Project.
- The program offers a unique public administration focus and hands-on experience through a required internship.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The Political Science program should continue to explore the possibility of including tracks of study: public administration, American government, and International Politics.
- The Political Science program should evaluate the program's name in relation to the current curricular emphasis on public administration.
- The Political Science program should reinstate annual or semi-annual advisory board meetings.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Surveying Engineering and A.A.S. in Surveying Technology**
CC: Khagendra Thapa, Debbie Dawson, J.K. Yates, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Surveying Engineering
A.A.S. in Surveying Technology

II. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

Continue the Program: The programs' status with respect to the categories in Section 5 of the report merits continuation. Minor modifications may be needed.

III. RATING BASED ON CRITERIA:

- **Relationship to FSU Mission:** The program aligns to the FSU mission by providing a career education and opportunities for lifelong learning for FSU students. The programs have a long established tradition at FSU dating to 1957.
- **Program Visibility and Distinctiveness:** The program was the first in the country to offer a B.S. in Surveying Engineering.
- **Program Value:** The B.S. in Surveying Engineering is one of only seven such programs accredited in the country.
- **Program Enrollment:** In Fall 2012, the Surveying Engineering program had 42 and the Surveying Technology program had 14 students enrolled.
- **Characteristics, Quality, and Employability of Students:** Graduates of the program find employment in Michigan and throughout the United States.
- **Quality of Curriculum and Instruction:** Curriculum and instruction are of high quality.
- **Composition and Quality of Faculty:** The faculty are well-qualified.

IV. APRC NOTES THE FOLLOWING STRENGTHS OF THE PROGRAM:

- The program is pioneering in the field of Surveying Engineering.
- The program is well equipped to train graduates for licensure in all 50 states.
- The programs enjoy a good working relationship with industry.

V. APRC OFFERS THE FOLLOWING SUGGESTIONS FOR PROGRAM IMPROVEMENT:

- The programs should review the curriculum for a greater focus on in-demand surveying areas.
- The programs should investigate the potential of a minor in Civil Engineering.
- The programs should investigate the potential of a certificate in Hydrographic Surveying.

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **B.S. in Manufacturing Engineering Technology**
CC: Bruce Gregory, Jim Rumpf, J.K. Yates, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

B.S. in Manufacturing Engineering Technology

II. THE PROGRAM WAS REVIEWED DURING THE 2010/2011 and 2011/2012 CYCLES AND ASKED TO SUBMIT A REPORT TO APRC, DUE 1 OCTOBER 2012, FOCUSING ON THE FOLLOWING ISSUES:

- Current program status
- Identification of specific target market(s)
- Benchmarking the program against successful competitors
- Update regarding meeting strategic plan

III. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

- APRC thanks the Manufacturing Engineering Technology faculty and CET administration for the update, which details the response to the above issues:
    - Current program status: "After further review, this item was considered to be covered sufficiently in the original APR document." – update not provided.
    - Identification of specific target market(s): A variety of initiatives for increasing student enrollment (on the FSU main campus and in Grand Rapids) were outlined.
    - Benchmarking the program: Employers who have hired both Ferris graduates and graduates from competitor schools were surveyed using a faculty developed instrument. Results of that analysis were provided.
    - Update regarding meeting strategic plan: "The program does not have a strategic plan per se. Aside from faculty initiatives, encouraged by Advisory Board support, micro changes are made to add/delete content as needed to remain as current as our resources allow."

MEMORANDUM

DATE: 20 November 2012
TO: Academic Senate
FROM: Academic Program Review Council
SUBJECT: Recommendations for **A.A.S. in Manufacturing Technology**
CC: Dean Krager, Jim Rumpf, J.K. Yates, Doug Haneline, Roberta Teahen, Fritz Erickson

I. IDENTITY OF PROGRAM:

A.A.S. in Manufacturing Technology

II. THE PROGRAM WAS REVIEWED DURING THE 2010/2011 and 2011/2012 CYCLES AND ASKED TO SUBMIT A REPORT TO APRC, DUE 1 OCTOBER 2012, FOCUSING ON THE FOLLOWING ISSUES:

- Current program status
- Identification of specific target market(s)
- Benchmarking the program against successful competitors

III. RECOMMENDATION OF ACADEMIC PROGRAM REVIEW COUNCIL:

- APRC thanks the Manufacturing Engineering Technology faculty and CET administration for the update, which details the response to the above issues:
    - Current program status: Graduate, employer, graduating students, current students, and faculty surveys were conducted. Summary of results were provided.
    - Identification of specific target market(s). update not provided.
    - Benchmarking the program: update not provided.