



**Board of Trustees
Finance and Facilities Committee Meeting
September 27, 2012
9:00 – 9:15 a.m.
Live Oak Center**

Conference call in phone number 800-442-5794, passcode 463796

AGENDA

- | | |
|---|---|
| I. CALL TO ORDER | Olga M. Calvet
<i>Chair of the Finance and Facilities Committee</i> |
| II. ROLL CALL | Sheree Morgan
<i>Senior Administrative Assistant to the Vice President for Administration and Finance and Chief Financial Officer</i> |
| III. NEW BUSINESS | Chair Calvet |
| <ul style="list-style-type: none">• State University System Annual Status Report on Market Tuition (INFO-1)
(For information only)• Establish Market Tuition Rate for Master of Science in Engineering Management Degree Program (FFC-1) | Tony G. Waldrop
<i>Provost and Executive Vice President</i>
Diane Z. Chase
<i>Executive Vice Provost for Academic Affairs</i>

Tony G. Waldrop
Diane Z. Chase |
| IV. CLOSING COMMENTS | Chair Calvet |

**University of Central Florida
Board of Trustees
Finance and Facilities Committee**

SUBJECT: State University System Annual Status Report on Market Tuition

DATE: September 27, 2012

PROPOSED COMMITTEE ACTION

Information only.

BACKGROUND INFORMATION

Pursuant to Regulation 7.001(15)(c)(i), each university approved to offer market tuition rates shall provide an annual status report on the implementation of market tuition rates. Market tuition rates were first approved by the Board of Governors in February 2011 and many of the programs were not implemented in time to provide a status report to the Board of Governors last year. This annual status report will be provided to the Board of Governors in November 2012.

Supporting documentation:

State University System Annual Status Report on Market Tuition

Prepared by: Diane Z. Chase, Executive Vice Provost

Submitted by: Tony Waldrop, Provost and Executive Vice President

**State University System
Annual Status Report on Market Tuition**

UNIVERSITY: University of Central Florida		Proposal 1	Proposal 2	Proposal 3	Proposal 4
1	Degree Program and CIP Code	Executive and Professional Master in Business Administration Degree Programs (EMBA/PMBA) CIP Code: 52.0101	Professional Master of Science in Management Degree Program CIP Code: 52.0101	Professional Master of Science in Real Estate Degree Program CIP Code: 52.1501	Master of Science in Health Care Informatics Degree Program (Online Program) CIP Code: 51.0706
2	Date the program was approved to charge market tuition.	March 2011	March 2011	March 2011	November, 2011
3	Tuition prior to market tuition rate approval.	\$44,000 / \$35,000	\$24,500	\$29,500	\$29,466
4	Current tuition (Fall 2012).	\$47,000 / \$39,000	\$27,000	\$29,500	\$29,989
5	Changes in tuition planned for the coming year (as of Fall 2013).	Incr. to \$50,000 / \$41,000	No changes planned	No changes planned	Incr. of \$523 to \$29989
6	Student enrollment in similar state funded programs prior to implementing market tuition (Headcount): Fall 2010				
7	Resident	363	28	24	99 total students across cohorts 2 & 3**
8	Non-Resident	19	0	0	0
9	Total	382	28	24	99 total students across cohorts 2 & 3**
10	Student enrollment in similar state funded programs after implementing market tuition (Headcount): Fall 2012				
11	Resident	393	28	24	45 students in 2nd cohort**
12	Non-Resident	32	0	0	0
13	Total	425	28	24	45 students in 2nd cohort**
14	Student Enrollment in market tuition cohort(s) (Headcount): Fall 2012				
15	Resident	150	30	0*	53 students in 3rd cohort, 52 in the 4th cohort**
16	Non-Resident	0	0	0	1 student
17	Total	150	30	0*	106 students across all cohorts
18	In a separate document, using the metrics in the initial proposal, assess the results of the market tuition implementation. Provide any programmatic/student feedback related to the implementation.	See attached.	See attached.	See attached.	See attached.

*New cohort has been delayed until Fall 2013 due to adverse real estate conditions. Expected enrollment in Fall 2013 is 26 resident students.

**In Fall 2010 there were two cohorts. One (the third cohort) was approved to become a market tuition rate program. The other (the second cohort) was not.

**University of Central Florida
State University System
Annual Status Report on Market Tuition
September 27, 2012**

Proposal 1: Executive and Professional Master in Business Administration Degree Programs (EMBA and PMBA)
CIP Code: 52.0101

Accountability Measures

Number of cohort EMBA and PMBA degree programs offered

2012	1	2
2011*	1	2
2010	1	1
2009	1	2

*Market tuition rate implemented in Fall 2011.

Number of students enrolled

Fall 2012	37	113
Fall 2011*	36	83
Fall 2010	46	85
Fall 2009	47	79

*Market tuition rate implemented in Fall 2011.

Compliance with the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) and the Association to Advance Collegiate Schools of Business (AACSB) standards for accreditation:

Curriculum: Curriculum structure and course content are consistent with SACSCOC and AACSB standards.

Faculty: Faculty credentials are consistent with SACSCOC and AACSB standards.

Credit hours generated

Fall 2011, Spring 2012, Summer 2012*	654	1,818
Fall 2010, Spring 2011, Summer 2011	825	1,582
Fall 2009, Spring 2010, Summer 2010	912	1,521

*Market tuition rate implemented in Fall 2011.

Program revenues relative to program costs

2011-12	\$2,590,063	\$1,068,080
2010-11*	2,178,080	1,454,363
2009-10	2,339,146	1,569,971

*Market tuition rate implemented in Fall 2011.

Student satisfaction with the degree program

EMBA 2012 exit survey: Overall satisfaction with degree program 8.1 of 10
EMBA 2010 exit survey: Overall satisfaction with degree program 8.9 of 10
PMBA 2012 exit survey: Overall satisfaction with degree program 7.8 of 10
PMBA 2010 exit survey: Overall satisfaction with degree program 7.9 of 10

Note: Surveys conducted by Perception Research (EMBA Council)

Employer satisfaction with the degree program

Referrals and repeat business from employers are primary indicators of employer satisfaction with UCF’s degree programs. Since 2009, the following major central Florida employers have sponsored multiple employees to the EMBA and PMBA degree programs: Lockheed Martin, Walt Disney World, Harris Corporation, Pershing, LLC, Oracle, Siemens, and ABB, Inc. Others employment partners include Darden, Florida Hospital, and Progress Energy.

Number of degrees conferred

Fall 2011, Spring 2012, Summer 2012*	16	29
Fall 2010, Spring 2011, Summer 2011	22	50
Fall 2009, Spring 2010, Summer 2010	24	21

*Market tuition rate implemented in Fall 2011.

Summary

An inspection of our performance on the above eight accountability measures shows that achievements since the programs began charging market tuition rate are similar to those outcomes prior to the initiation of market tuition rate. Implementation of market tuition rate degree programs has gone well, although there is only one year of evaluation data for comparison. The competitive climate for the EMBA degree program, in particular, is intense. The College of Business Administration plans to maintain the same number of degree programs that they have had in the past few years, but increase enrollments in the existing sections.

Proposal 2: Professional Master of Science in Management Degree Program (PMSM)

CIP Code: 52.0101

Accountability Measures

Number of PMSM degree programs offered

Number of PMSM degree programs offered	
2012	1
2011*	0
2010	1
2009	0

*Market tuition rate implemented in Fall 2011.

Number of students enrolled

Number of students enrolled	
Fall 2012	30
Fall 2011*	0
Fall 2010	28
Fall 2009	20

*Market tuition rate implemented in Fall 2011.

Compliance with SACSCOC and AACSB standards for accreditation

Curriculum: Curriculum structure and course content are consistent with SACSCOC and AACSB standards.

Faculty: Faculty credentials are consistent with SACSCOC and AACSB standards.

Credit hours generated

Credit hours generated	
Fall 2011, Spring 2012, Summer 2012*	186
Fall 2010, Spring 2011, Summer 2011	636
Fall 2009, Spring 2010, Summer 2010	306

*Market tuition rate implemented in Fall 2011.

Program revenues relative to program costs

Program revenues relative to program costs		
2011-12	\$271,874	\$103,583
2010-11*	476,436	310,980
2009-10	264,548	251,120

*Market tuition rate implemented in Fall 2011.

Student satisfaction with the degree program

An external measure of student satisfaction for the PMSM degree program is in the process of being developed and will be available for use with the 2012 cohort.

Employer satisfaction with the degree program

Referrals and repeat business from employers are primary indicators of employer satisfaction with UCF’s degree programs. The 2012 PMSM degree cohort is now being delivered. The following major central Florida employers have sponsored multiple employees to the PMSM degree program: Darden, Walt Disney World, Target, and Wyndham Vacation Hotels.

Number of degrees conferred

Fall 2011, Spring 2012, Summer 2012*	0**
Fall 2010, Spring 2011, Summer 2011	26
Fall 2009, Spring 2010, Summer 2010	20

* Market tuition rate implemented in Fall 2011.

**Represents break in cohort enrollment.

Summary:

UCF graduated students from two PMSM degree programs and recently started a new cohort in Fall 2012. Enrollments for the Fall 2012 degree program were robust. Implementation of market tuition rate programs has gone well. The number of students in the new cohort suggests that the tuition increase has not affected enrollment in the PMSM degree. Action will be taken to sustain enrollment at approximately 30 students, which was the level of the Fall 2012 cohort.

Proposal 3: Professional Master of Science in Real Estate Degree Program (PMRE)

CIP Code: 52.1501

Accountability Measures

Number of PMRE degree programs offered

2012	0**
2011*	0
2010	1
2009	0

* Market tuition rate implemented in Fall 2011.

**No students currently enrolled. (See below for discussion of delay in cohort.)

Number of students enrolled

Fall 2012	0**
Fall 2011*	20
Fall 2010	25
Fall 2009	0

* Market tuition rate implemented in Fall 2011.

**Next cohort will begin in Fall 2013.

Compliance with SACSCOC and AACSB standards for accreditation

Curriculum: Curriculum structure and course content are consistent with SACSCOC and AACSB standards.

Faculty: Faculty credentials are consistent with SACSCOC and AACSB standards.

Credit hours generated

Fall 2011, Spring 2012, Summer 2012*	120
Fall 2010, Spring 2011, Summer 2011	570
Fall 2009, Spring 2010, Summer 2010	0

*Market tuition rate implemented in Fall 2011.

Program revenues relative to program costs

2011-12	\$210,627	\$ 70,711
2010-11*	355,244	259,426
2009-10	21,100**	68,264**

* Market tuition rate implemented in Fall 2011.

**Program began in June 2010; revenues lag expenses.

Student satisfaction with the degree program

An external measure of student satisfaction for the PMSM degree program will be developed and available for use with the Fall 2013 cohort.

Employer satisfaction with the degree program

We have experience with only two cohorts, thus we do not yet have information on referrals and repeat business from firms.

Number of degrees conferred

Fall 2011, Spring 2012, Summer 2012*	21
Fall 2010, Spring 2011, Summer 2011	0
Fall 2009, Spring 2010, Summer 2010	0

*Market tuition rate implemented in Fall 2011.

Summary

Implementation of market tuition rate programs has gone well. Students have graduated from two PMRE cohorts; the most recent graduated in Fall 2011. A new cohort will begin in Fall 2013. We originally planned to start the cohort in January 2013, but we believe a delay until the fall is prudent given the challenging real estate market in central Florida. Tuition for the Fall 2013 degree program will be the same as it was for the Fall 2011 cohort. Actions will be taken to increase enrollments in the cohort that begins in Fall 2013.

Proposal 4: Master of Science in Health Care Informatics Degree Program (HCI) (Online Program)
CIP Code: 51.0706

Accountability Measures

Year started and number of cohorts

Cohort 4 – Fall 2012	3
Cohort 3 – Fall 2011*	2
Cohort 2 – Fall 2010	1
Cohort 1 – Fall 2009	1

*Market tuition rate implemented in Spring 2012.

Note: the cohort beginning in Fall 2011 ran one semester as “cost recovery” and then converted to market tuition rate in January of 2012.

Headcount at program inception

Cohort 4 – Fall 2012	53
Cohort 3 – Fall 2011*	54
Cohort 2 – Fall 2010	45
Cohort 1 – Fall 2009	26

*Market tuition rate implemented in Spring 2012. Headcount for each cohort is based on the number of students enrolled in classes during the first term of the cohort. Program attrition is not computed into these data.

Students graduating from program by original cohort

Cohort 4 – Fall 2012	Not yet available
Cohort 3 – Fall 2011*	32
Cohort 2 – Fall 2010	15
Cohort 1 – Fall 2009	0

*Market tuition rate implemented in Spring 2012. Fall 2012 numbers are not yet available.

Compliance with SACS standards for accreditation

Curriculum: Curriculum structure and course content are consistent with SACS standards.

Faculty: Faculty credentials are consistent with SACS standards.

Percent of full-time faculty teaching program section offerings

Cohort 4 – Fall 2012	66.7% *	68.6% *
Cohort 3 – Fall 2011*	80.0%	79.8%
Cohort 2 – Fall 2010	81.8%	85.7%
Cohort 1 – Fall 2009	88.9%	90.0%

*Market tuition rate implemented in Spring 2012. Cohorts three and four are in progress. Further, cohort four is in its first semester. The only course that is taught by an adjunct in this program is one that is scheduled in the first semester, and it is a specialized class taught by an adjunct.

Student credit hours per cohort

Cohort 4 – Fall 2012	F12,S13,U12,F13,S14	420*
Cohort 3 – Fall 2011*	F11, S12,U12,F12,S13	1,640*
Cohort 2 – Fall 2010	F10,S11,U11,F11,S12	949
Cohort 1 – Fall 2009	F09,S10,U10,F10,S11	717

*Market tuition rate implemented in Spring 2012. Cohort three began as a cost recovery program and then converted to a market tuition rate program in Spring 2012. Thus, two entries are made for cohort three. The first entry includes the SCHs earned after the conversion, and the second entry includes only the fall semester before the program became a market tuition rate program. Please note that cohorts three and four are still in process. These programs are on-going.

Program revenues relative to program costs

Cohort 4 – Fall 2012	\$308,133.84	\$ 85,878.94
Cohort 3 – Fall 2011*	874,778.43	379,944.48
Cohort 2 – Fall 2010	630,802.01	481,070.41
Cohort 1 – Fall 2009	346,098.87	291,674.47

*Market tuition rate implemented in Spring 2012. Cohorts three and four are ongoing and still accumulating revenue and incurring expenses. Data are current to September 4, 2012.

Student Satisfaction

After the conclusion of each cohort, the program surveys all graduating participants and inquires about their satisfaction with the overall program. The first two surveys yielded a response rate of more than 80 percent. While we do not have results from cohort three (they do not graduate until May 2013), the results for the previous two cohorts indicate that 88.9 percent of the students were either *satisfied* or *very satisfied* and 11.1 percent were neither *satisfied* nor *dissatisfied* with their overall education received from the M.S. in health care informatics.

Employer Satisfaction

After the conclusion of each cohort, an electronic survey is sent to the supervisor at each graduate's current place of employment inquiring how satisfied they are with the HCI alumnus they either hired or they continued to employ.

While data are not available for cohort three, data from the first two cohorts indicate that overall 100 percent of employers feel that the HCI graduates had the requisite knowledge to do their job. Further, 87.5 percent said they would hire an HCI graduate in the future, and the same percent stated that they were satisfied with the educational preparedness of their employee upon completion of the HCI degree program.

**University of Central Florida
Board of Trustees
Finance and Facilities Committee**

SUBJECT: Request to Establish Market Tuition Rate for Master of Science in Engineering Management Degree Program

DATE: September 27, 2012

PROPOSED COMMITTEE ACTION

Approval of the Request to Establish Market Tuition Rates for Master of Science in Engineering Management Degree Program.

BACKGROUND INFORMATION

Pursuant to Regulation 7.001(15), university Board of Trustees may submit market tuition rate proposals for the Board of Governors' approval.

The College of Engineering and Computer Science in partnership with the Division of Continuing Education requests approval to establish market tuition rates for the master of science in engineering management degree program – professional science master's track.

Supporting documentation:

Request to Establish Market Tuition Rates for Master of Science in Engineering Management Degree Program

Prepared by: Diane Z. Chase, Executive Vice Provost for Academic Affairs

Submitted by: Tony Waldrop, Provost and Executive Vice President

**State University System
Florida Board of Governors
Request to Establish Market Tuition Rates - Regulation 7.001(15)
University of Central Florida
Master of Science in Engineering Management Degree Program
Professional Science Master's Track**

Date

University Board of Trustees approval date:	September 27, 2012
Proposed Implementation Date (month/year):	January 2013

Description

Describe the program in which market tuition is being requested.

The master of science degree in engineering management - professional science master's track (M.S.E.M. - P.S.M.) is a cohort-based program where specific cohorts are established periodically based on needs of industry. Currently, the cohorts are based at the UCF Orlando campus and at the UCF Palm Bay campus. The cohorts begin in alternating years, at alternating locations, and are designed to be completed in approximately 18 to 20 months. This degree program focuses on effective decision-making and successful project delivery in engineering and technology organizations. The M.S.E.M. - P.S.M. degree program is tailored to meet the needs of experienced, working professionals. Research studies are required in one or more courses. The research study and report will focus on reviewing and analyzing contemporary research in the profession in order to help students acquire knowledge and skills pertaining to research-based best practices.

Has the program been approved pursuant to Regulation 8.011?

Yes. CIP Code: 15.1501

Diploma: Master of Science - Engineering Management - Professional Science Master's Track

Start Date: August 2011

Does the program lead to initial licensing or certification?

This program does not lead to initial licensing or certification.

Is the program identified as a state critical workforce need?

No, the M.S.E.M. - P.S.M. is not part of the identified state critical workforce need. However, STEM (which includes engineering), is one of the proposed "Areas of Programmatic Strategic Emphasis" identified by the State of Florida Board of Governors.

As shown in Figure 1, the United States Department of Labor projects an increase in the need for engineering and natural science managers. The UCF M.S.E.M. - P.S.M. degree program teaches the professional skills necessary to fulfill the projected increased need for engineering and natural science managers.

Figure 1. The Projected Need for Engineering and Natural Science Managers

Occupational Title	Standard Occupational Classification Code	Employment, 2010	Projected Employment, 2020	Change, 2010-20	
				Number	Percent
Natural sciences managers	11-9121	49,300	53,100	3,800	8
Architectural and Engineering managers	11-9041	176,800	192,000	15,200	9
Total	-	226,100	245,100	19,000	8

Taken from United States Department of Labor's Bureau of Labor Statistics *Occupational Outlook Handbook*, 2012-2013 Edition

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Are the program's admission and graduation requirements the same as other similar programs?

Admission requirements:

The minimum admission requirements for the M.S.E.M. - P.S.M. degree program are the same as other similar programs in engineering and natural science at UCF: (1) a bachelor's degree or equivalent from a regionally accredited U.S. institution or its equivalent from a foreign institution, and (2) a 3.0 GPA or better in all work attempted as an undergraduate student, or (3) a 3.0 GPA or better in all work attempted while registered as an upper division student, or (4) a graduate or professional degree from a regionally accredited U.S. institution or its equivalent in a field related to the discipline of the program to which the applicant is applying. Additional specific requirements for the M.S.E.M. - P.S.M. degree program are (1) an undergraduate degree in engineering or a closely related field, (2) five years' work experience, (3) a current resume, and (4) a goal statement. Additional information regarding UCF graduate admission requirements can be found at: http://www.admissions.graduate.ucf.edu/Admission_Requirements.

Graduation Requirements:

The graduation requirements for the M.S.E.M. - P.S.M. degree program are similar to those of other graduate programs delivered by the Department of Industrial Engineering and Management Systems. Students are required to complete 30 semester hours of coursework (including a capstone course), pass the oral comprehensive exam, and achieve at least a 3.0 overall GPA in order to graduate.

Market Tuition Rate and Process

What is the market tuition rate to be charged for each of the next three years? What is the current tuition rate? Explain the process used to determine market tuition. Provide tuition rates from at least five other institutions (private and public).

What is the market tuition rate to be charged for each of the next three years?

The market tuition rate includes all associated student fees, marketing, faculty development, and instructional costs:

- Cohort beginning 2013: \$29,950
- Cohort beginning 2014: \$29,950
- Cohort beginning 2015: \$29,950
- Cohort beginning 2016: \$29,950

Explain the process used to determine market tuition.

The tuition for this program was determined by

- evaluating five direct competitors, comparing their tuition costs as well as their curriculum and online availability
- reviewing the budget execution for four previous cohorts using the cost-recovery model
- collaborating with industry partners to understand what the sponsoring companies were willing to support.

What is the current tuition rate?

\$29,500 (Fall 2012). This program is currently operating as a cost-recovery program.

Provide tuition rates from at least five other institutions (private and public)

We identified the following programs and tuition rates (rates do not include fees):

- Stevens Institute of Technology
 - M.S. in engineering management: \$1,220 per hour x 30 hours = \$36,600
 - M.S. degree in systems engineering: \$1,220 per hour x 30 hours = \$36,600
- Florida Institute of Technology - M.S. degree in engineering management: \$1,123 per hour x 30 hours = \$33,690

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- Florida International University - professional M.S. degree in engineering management: \$27,877
- University of Florida - M.S. degree in outreach engineering management: \$29,920
- Embry-Riddle Aeronautical University - master of systems engineering: \$30,000

Similar Program(s) Offered by Other State Universities

Describe any similar programs offered by another state university system institution:

University of South Florida - \$14,003 - \$26,738 (not including fees). The professional master's degree program is a 30 credit-hour degree program that includes 12 core classes, six credit-hours of thesis, and 12 credit-hours of concentrated electives.

Florida International University - \$12,665 - \$27,877 (not including fees). The master of science in engineering management degree is a 30 credit-hour degree program that includes nine credit-hours of core classes, nine credit-hours of business electives, and 12 credit-hours of approved graduate level electives.

The University of Florida - \$29,920 (not including fees). The outreach degree program in engineering management is a 32 credit-hour program that includes 28 credit-hours of concentrated credits in engineering and research, and a four credit-hour final engineering project.

Mission Alignment

Describe how offering the proposed program at market tuition aligns with the mission of the university and the Board strategic plan:

The goals of the program are to

- enable engineers to transition to leadership positions, and
- develop knowledge useful to the managing and leading of technical projects and organizations.

These goals are consistent with UCF's mission and strategic plan.

The program is consistent with the UCF mission. The mission statement for UCF is:

The University of Central Florida is a public, multi-campus, metropolitan research university that stands for opportunity. The university anchors the Central Florida city-state in meeting its economic, cultural, intellectual, environmental, and societal needs by providing high-quality, broad-based education and experienced-based learning; pioneering scholarship and impactful research; enriched student development and leadership growth; and highly relevant continuing education and public service initiatives that address pressing local, state, national, and international issues in support of the global community.

The M.S.E.M. - P.S.M. contributes to UCF's mission by providing a high-quality graduate education. The program provides a service to the intellectual development of the community's ability to deliver innovative solutions. Because engineering managers are involved in the financial, production, and marketing activities of their firm, business management skills are a plus for those seeking management positions. In addition to the openings resulting from employment growth, job openings will result from the need to replace managers who retire or move into other occupations. Competition for job openings will likely be strong because of the high salaries that natural sciences managers command and the greater resources and control over projects that scientists can gain from becoming managers.

The program offers a set of courses to develop the skills and experiences in three areas:

- technical courses
- professional courses
- experiential experiences.

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The program is consistent with UCF's Goals.

- Goal 1: Offer the best undergraduate education available in Florida.
- Goal 2: Achieve international prominence in key programs of graduate study and research.
- Goal 3: Provide international focus to our curricula and research programs.
- Goal 4: Become more inclusive and diverse.
- Goal 5: Be America's leading partnership university.

The M.S.E.M. - P.S.M. degree program contributes to Goals 2 and 5. The curriculum provides graduate students with opportunities to work with industry partners on research projects that have international components. The program has fostered partnerships in research, as well as through the exchange of scholars in the classroom. The M.S.E.M. - P.S.M. degree program is being offered in partnership with the leading technical organizations in central Florida (e.g., Siemens, Kennedy Space Center, Harris Corp., Lockheed Martin, and Walt Disney World). The M.S.E.M. - P.S.M. degree program provides the technical engineering community needs for sustained growth of its organizations. Organizations that are already participating in the cohort program include:

- Harris Corporation
- Siemens Power Generation
- Walt Disney World
- Boeing
- NASA - Kennedy Space Center
- Lockheed Martin.

These organizations were involved in the review and refinement of the initial curriculum. They assisted in the review of assessment data and contributed to the validation of the performance improvement plan. They continue to provide an industry perspective to the curriculum.

Declaratory Statement

Provide a declaratory statement that the policy will not increase the state's fiscal liability or obligation:

The M.S.E.M. - P.S.M. degree program will not increase the state's fiscal liabilities or obligations. Any unforeseen costs will be the responsibility of the College of Engineering and Computer Science using non-E&G funds.

Differentiation Between Resident and Non-resident Students

Explain if there will be a differentiation in market tuition rates between a resident and a non-resident student enrolled in the program:

No restrictions, limitations, or conditions are anticipated beyond those already stipulated by the Board of Governors' policy on market tuition.

Restrictions / Limitations

Identify any proposed restrictions, limitations, or conditions to be placed on the policy:

No restrictions, limitations, or conditions are anticipated beyond those already stipulated by the Board of Governors' policy on market tuition.

Accountability Measures

Indicate how the university will monitor the success of the policy. Provide specific metrics that will be used.

Success of market tuition for the M.S.E.M. - P.S.M. degree program will be measured using several metrics collected over a three-year review period. The program staff members will track enrollment data (including enrollment numbers, and demographic data) in order to determine if the program is meeting the needs of the local community and maintaining a diverse student body. They will review student and employer surveys to determine the level of satisfaction with the program. They will evaluate the program revenues relative to

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program costs, in order to evaluate the costs and benefits of the program. Finally, the program faculty members will create an institutional effectiveness plan that identifies specific program goals and evaluates program data to determine their effects on student learning outcomes.

Course Availability

Explain how the university will ensure that sufficient courses are available to meet student demand and facilitate completion of each program submitted for consideration.

The M.S.E.M. - P.S.M. degree program is a 20-month cohort based degree. As with most other cohort-based programs, classes are limited to students enrolled in the program, and the number of students admitted is tightly controlled. The program director and departmental chair work closely to ensure sufficient staffing for all programs within the department.

Baseline Enrollments

Provide current enrollments, including a breakout of resident and non-resident enrollment, in the program being submitted for consideration and similar state-funded courses.

UCF M.S.E.M. - P.S.M. degree program (all Florida residents)

- Cohort 1 (Spring 2009) - 13 students
- Cohort 2 (Summer 2009) - 16 students
- Cohort 3 (Summer 2010) - 13 students
- Cohort 4 (Fall 2010) - 16 students
- Cohort 5 (Spring 2012) - 30 students

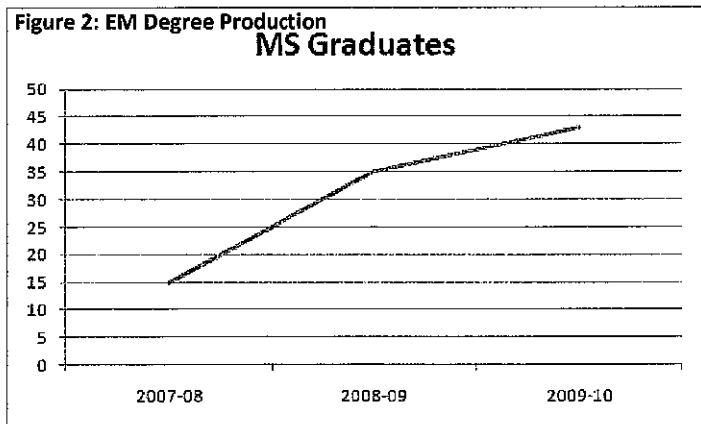
There are no other similar state-funded courses.

Economic Impact

Provide economic impact that this proposal will have on the university and the student, anticipated revenue collection, how the revenue will be spent, whether any private vendors will be used, and which budget entity the funds will be budgeted.

This program is unique to the UCF service area and will impact the economy of the university in two ways.

- 1) The proposed market tuition rate will generate additional revenues that will be used to invest in various university priorities, including the M.S.E.M. - P.S.M. degree program. These revenues will allow the department to make additional investments in faculty development, instructional support, and equipment for research and teaching.



- 2) The program will have a positive impact on Central Florida industry. First, as shown in Figure 2, the UCF M.S.E.M. - P.S.M. degree program is already a productive graduate degree. With the addition of this cohort-based program, more emphasis is placed on partnerships with industry and collaboration in shared research projects. The program had a long-standing cohort-based track with the Kennedy Space Center in the 1990s. We are building a program to re-establish cohort-based programs with leading engineering-based companies in Central Florida.
- 3) Second, as previously shown in Figure 1, the United States Department of Labor projects an increase in the need for engineering and natural science managers. The M.S.E.M. - P.S.M. degree program provides the training to fulfill this need.

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What is the anticipated gross revenue?

- Spring 2013 UCF Palm Bay Cohort = \$472,000
- Spring 2014 Orlando Cohort = \$885,000

How revenues will be spent?

The proposed market tuition rate revenues will be used to invest in various university priorities, including the M.S.E.M. - P.S.M. degree program. These revenues may include hiring specialized instructional faculty including scholars from industry, investing in state-of-the art technologies including statistical software and engineering equipment, recruiting exceptional students through marketing materials and peer outreach efforts, and other university-level activities including inviting guest lecturers and prominent researchers to visit campus and share their expertise with our students and faculty members.

Will private vendors be used?

Several private vendors will continue to be used including textbook publishers and wholesalers, and hardware and software vendors. Specific examples of services and goods they provide include texts and manuals, computer software, hardware, marketing materials, and other items that are necessary for the program.

What budget entity will be used for the proposed program?

The M.S.E.M. - P.S.M. degree program budget will be administered by the Division of Continuing Education in cooperation with the College of Engineering and Computer Science budget office, and it will have a designated auxiliary account.

Other Information