

AGREEMENT
BETWEEN
ENGINEERING MANAGEMENT AND SYSTEMS ENGINEERING DEPARTMENT
UNIVERSITY OF MISSOURI – ROLLA

AND

THE DEFENSE ACQUISITION UNIVERSITY

This Agreement is made as of this 31st day of Nov 2006 (the "Effective Date"), by and between the Engineering Management and Systems Engineering Department (EMSE), University of Missouri - Rolla(UMR) and the Defense Acquisition University (DAU).

The DAU, as the Department of Defense (DoD) University for the Acquisition, Technology, and Logistics (AT&L) workforce, desires to encourage the completion of certain certificate and graduate level courses and degree programs for the more than 130,000 member AT&L workforce located throughout the world. These courses and programs would supplement the courses that DAU teaches.

UMR is a regionally accredited public institution of higher learning providing academic courses, certificates, and graduate degree programs in Missouri and throughout the United States and foreign countries using state of the art distance delivery techniques. EMSE at UMR offers individual courses, certificates, and graduate degree programs that are relevant for DAU students.

In accordance with the terms and conditions of this Agreement, DAU and EMSE desire to establish a commitment to facilitate members of the AT&L workforce enrolling in these EMSE programs and to allow the transfer of DAU course credits that have been certified by the American Council on Education ("ACE") toward the UMR graduate degree or certificate programs without jeopardizing the stated goals and policies of either institution.

Now therefore, for good and valuable consideration, the parties agree as follows:

SECTION 1. Program Description

1.1 This Agreement will cover specific graduate courses, graduate certificates, and graduate degree programs described in Addendum 1.

1.2 The parties acknowledge and agree that in all respects the degrees and programs under this agreement are UMR degree programs and courses to which all policies and practices of UMR apply.

1.3 EMSE agrees to accept transferred credits as described in Addendum 2 for DAU students in accordance with UMR's current transfer policies.

1.4 As that both DAU and UMR are leaders in the field of distance education and online learning, further opportunities for collaboration will be explored. Any agreement regarding future collaborations will be documented and signed by both parties.

SECTION 2. Program Coordination and Publicity

2.1 Each party will designate an individual who will coordinate and manage the activities under this Agreement. Representatives from EMSE and DAU will meet on a periodic basis, at a mutually agreeable time and location to discuss the program under this Agreement, any changes, programs and credential requirements that could affect this Agreement and any of areas of interest to one or both parties.

2.2 EMSE will publicize this program in its materials and will distribute materials to DAU regional campuses and other individuals/organizations, as appropriate. DAU will publicize the program in internal materials and will distribute materials to students and other individuals/organizations, as appropriate.

2.3 EMSE, UMR or DAU may use the other party's name or logo in published materials (e.g., website and catalog) specifically only to reference this Agreement or contact information and hyper-links to the other party. Any and all marketing, promotional or publications materials developed pursuant to this Agreement prepared or developed by one party must be reviewed and approved in writing by the other party prior to use of any such materials. Neither party shall use the name or marks of the other party in connection with any product, service, promotion, news release or other publicity, without the prior written consent of the party whose name or likeness may be under consideration.

SECTION 3. Participants/Financial Obligations

3.1 This Agreement is applicable to the AT&L workforce. Prospective students must apply to the EMSE program of interest and meet the applicable UMR admission criteria in effect at the time of application. Admission of AT&L students shall be in accordance with EMSE's and UMR's current admission policies and procedures applicable to any student seeking graduate admission to UMR.

3.2 AT&L students who enrolled with UMR pursuant to this Agreement shall be students of UMR, subject to any and all laws, regulations, practices and policies applicable to UMR students. DAU students enrolled pursuant to this Agreement should be directed to refer questions on academic or administrative matters to UMR's admission or EMSE graduate advising staff as applicable.

3.3 Students are responsible for tuition and fees. For the purpose of this agreement, AT&L students will pay the federal rate as provided by the EMSE Department.

3.4 ESME and DAU will assume the cost of its own administration of this Agreement. No exchange of funds between the parties is contemplated by this Agreement. Expenditures are subject to funds available and subject to the parties' fiscal guidelines.

SECTION 4. Change in Programs.

4.1 Notwithstanding anything in this Agreement to the contrary, ESME and DAU shall retain the right and authority to make changes in their respective courses, programs and credential requirements they each may determine to be in their respective best interest.

4.2 The parties shall give reasonable notice of changes to their respective courses, programs, and credential requirements that may materially affect the Agreement, affording both parties and the students in the program reasonable time to review the changes and to make a determination of the effect on this agreement.

SECTION 5 Term and Termination

5.1 The term of this Agreement shall commence as of the date first written above ("Effective Date") and continue in for an initial period of one (1) year. The Agreement shall automatically be renewed for successive one (1) year periods, unless or until terminated as set forth herein.

5.2 Either party may terminate this Agreement by providing the other with sixty (60) days prior written notice. Following a notice of termination, the other may request a review and discussion of modification toward the end of continuing this Agreement. The parties agree to participate in such a review and discussion in a reasonable manner, provided, however, failure to do so or to reach resolution shall not effect the termination of this Agreement as stated in the given notice.

5.3 In the event of termination, the parties agree to be responsible for developing a phase out process that will focus on the best interests of the active students in the Program.

In witness whereof, the parties, by their authorized representatives, sign below.

THE DEFENSE ACQUISITION UNIVERSITY

By: James S. McMichael

Dr. James S. McMichael
Vice President
Defense Acquisition University

Date: 12/14/06

UNIVERSITY OF MISSOURI – ROLA
ENGINEERING MANAGEMENT AND SYSTEMS ENGINEERING DEPARTMENT

By: William J. Daughton

Dr. William J. Daughton
Chair
Engineering Management and Systems Engineering Department

Date: 11/29/06

Engineering Management and Systems Engineering Department – Defense Acquisition University
Memorandum of Understanding

ADDENDUM 1:

1. Graduate Courses

Admission to graduate courses in the Engineering Management and Systems Engineering Department is limited to applicants with a B.S. degree in engineering, certain physical sciences, mathematics, or computer sciences. Courses are offered via distance education. Students may attend class real-time via the Internet from their home or place of employment. In most cases, there is a two-way audio connection with the class to permit live interaction with other students and the professor. All classes are archived on the Internet to provide access to recorded lectures at a later time if the student is unable to attend or needs to review the material at a later date.

Any person not desiring a graduate degree may be considered for admission as a non-degree graduate student. Applicants for non-degree admission need only request official transcripts from the institution at which the baccalaureate degree was awarded. A three hour graduate course normally has forty contact hours and may help meet the DoD requirement to complete eighty hours of continuous learning every two years.

2. Graduate Certificate Programs

Admission to the Graduate Certificate Programs is limited to applicants with a B.S. degree in engineering, certain physical sciences, mathematics, or computer sciences. Graduate certificate programs give the student the opportunity to broaden knowledge in a particular discipline, learn the latest in developing fields, and stay competitive in today's marketplace. By taking four three-credit courses, the student will be able to demonstrate advanced knowledge in a field without returning to school to complete a degree. AT&L students may transfer approved DAU credits (see Addendum 2) to UMR to meet three of the twelve credits required for the certificate.

Graduate Certificate programs also provide a mechanism for acceptance into a regular graduate program. Acceptance into a graduate certificate program allows an opportunity to be accepted into the M.S. Engineering Management program. If the student completes the certificate program with a grade of B or above in all courses, the student can then be accepted into the M.S. Engineering Management program without taking the GRE or requiring a minimum GPA from undergraduate studies. This acceptance does not waive the need to complete any prerequisites for other advanced courses that are part of the degree program.

Graduate Certificate Programs are currently offered in the following:

Project Management
Project Engineering and Construction Management

Graduate Certificate Programs are in development for the following:

Engineering Management
Financial Management
Quality (Six Sigma)

3. M.S. Degree in Engineering Management

Engineering management is the art and science of planning, organizing, allocating resources, and directing and controlling activities. The field of engineering management has become recognized as a professional discipline with a critical role in industry, business, and modern society. The M.S. degree in Engineering Management requires 30 credit hours of approved course work. The student gets the same opportunities as on-campus students but with the convenience of the instruction coming to you. The M.S. degree offers excellent preparation for the engineer or technical professional desiring to make the transition to technical manager. AT&L students may transfer approved DAU credit hours (see Addendum 2) to UMR to meet nine of the thirty credits required for the M.S. Engineering Management degree.

All M.S. Engineering Management students take the following four core courses:

Emgt 314 – Management for Engineers
Emgt 361 – Project Management
Emgt 352 – Activity Based Accounting and Financial Decision Making
Emgt 354 – Integrated Product and Process Design

The remaining six courses are taken from a specialty area which includes the following:

Management of Technology
Financial Engineering
Manufacturing Engineering
Project Management
Quality

4. Ph.D. in Engineering Management

A candidate for the Ph.D. in Engineering Management must complete the equivalent of at least three years of full-time work beyond the bachelor's degree. The content of all Ph.D. programs is individually structured by the student in consultation with and approved by the student's advisory committee. All requirements for the degree must normally be completed within an eight-year period. Ph.D. students must conduct original research under the supervision of a doctoral advisor and successfully defend the dissertation. Special arrangements are made for off-campus students to meet on-campus residences requirements and complete the original research.

Engineering Management and Systems Engineering Department – Defense Acquisition University
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ADDENDUM 2:

UMR Credit Hours for DAU Courses

The following table shows the current DAU courses that have been evaluated by the American Council on Education (ACE) for graduate credits and the number of graduate credits that can be transferred to UMR to meet the Graduate Certificate or M.S. degree requirements up to the maximum as determined by UMR's current transfer policies.

DAU Course No.	DAU Course Title	ACE Identifier	Exhibit Dates	UMR Credit Hrs	UMR Course No.	UMR Course Title
BFC 204	Intermediate Cost Analysis	DD-1408-0047	4/00 - Present	Two	Emgt 352	Activity Based Accounting and Financial Decision Management
BCF 301	Business, Cost Estimating, and Financial Workshop	DD-1408-0017	6/96 - Present	One		
PMT 250	Program Management Tools	DD-1408-0048	8/96 - Present	Two	Emgt 361	Project Management
PMT 403	Program Manager's Skills	DD-1408-0021	6/96 - Present	One		
PMT 352	Program Management Office	DD-1408-0046	6/02 - Present	Three	Emgt 458	Case Studies in Project Management
PMT 401	Program Manager's Course	DD-1408-0044	1/03 - Present	Nine	Emgt 361 Emgt 458 Emgt 461	Project Management Case Studies in Project Management Global Project Management
PMT 402	Executive Program Manager's Course	DD-1408-0019	8/94 - Present	Three	Emgt 461	Global Project Management
PQM 301	Advanced Production, Quality Manufacturing	DD-1408-0010	10/93 - Present	Three	Emgt 375	Total Quality Management
SYS 301	Advanced Systems Planning, Research, Development and Eng.	DD-1408-0016	6/96 - Present	Three	Emgt 368	Systems Engineering Analysis I