

**MEMORANDUM OF UNDERSTANDING
BETWEEN
SOUTHERN METHODIST UNIVERSITY
AND
DEFENSE ACQUISITION UNIVERSITY FOR
COLLABORATIVE GRADUATE EDUCATION, CURRICULUM,
DEVELOPMENT, AND RESEARCH IN SYSTEMS ENGINEERING**

We, the undersigned, hereby agree and affirm the establishment of a cooperative/articulation agreement between the Defense Acquisition University (DAU) and the Southern Methodist University (SMU), Dallas, Texas, to offer enhanced opportunities for members of the Department of Defense (DoD) Acquisition, Technology, and Logistics (AT&L) workforce to participate in the graduate certificate programs in systems engineering and the master's degree in systems engineering. The SMU graduate certificate and degree programs in systems engineering are subject to the following terms and conditions:

1. SMU will utilize the education, training, and experiences of the members of the DoD AT&L workforce received in pursuit of DAU level of certification in at least one of the Defense Acquisition Workforce Act (DAWIA) career fields in conjunction with a graduate certificates in systems engineering and a master's degree in systems engineering.
2. The DoD AT&L workforce member must meet all the SMU Systems Engineering Program (SEP) admission requirements for the respective degrees as specified in the SMU catalog in effect during the term of admission and have at least Level I or Level II certification in at least one DAWIA career field and/or approval by DAU.
3. Graduate certificates and master's degree completion requirements: Each DoD AT&L workforce member must complete the required number of semester credits for the certificates in Systems Engineering and masters degree in Systems Engineering . The program of study is outlined in the current SMU Catalog, which is available on the World Wide Web (www.smu.edu)
 - a. AT&L workforce members must meet the Level I or Level II certification for admission to the graduate certificate or master's programs in system engineering. DAU courses recommended for credit by the American Council on Education may be used to meet some of the SMU degree requirements subject to SMU policy. Initial cross-referencing of SMU Systems Engineering courses to relevant DAU courses is contained in Addendum A to this MoU. A

cumulative GPA in accordance with SMU academic standards must be achieved in order to be awarded the masters degree in systems engineering.

4. Under this agreement, the SMU will:

- a. Provide administrative support services to include the counseling and assistance to students desiring to enter the program,
- b. Promote and advertise the programs throughout the DoD AT&L workforce,
- c. Provide DAU with information as required for planning, conducting, and reporting of DAU's operation,
- d. Provide qualified and experienced instructors to conduct the courses.
- e. Award credit to any student registered with SMU for that purpose who successfully completes all requirements for a course,
- f. Render a report showing the final grade assigned, at no charge, to each student enrolled in a course.

5. Under this agreement, the DAU will:

- a. Assist with outreach and communications concerning the certificate and degree programs, advise students, and provide SMU with suggestions for adjusting content of academic courses to meet the changing needs of the programs and DoD AT&L workforce educational requirements.
- b. Provide copies of student transcripts for DAU courses. Students applying for the degree programs will coordinate delivery to SMU proof of their DAWIA level of certification furnished from their Defense Acquisition Career Manager or other appropriate Defense agency or official.

DAU is consistently involved with upgrading the acquisition logistics curriculum and program structure to address the evolving educational requirements of the DoD workforce while also establishing DAU as a formative lean enterprise institution. The Systems Engineering Program (SEP) at SMU has been developed and is being maintained to respond to DoD and aerospace and defense industry's requirements for graduate education in systems engineering. Through this common purpose and objectives, DAU and the SEP program at SMU will actively collaborate on curriculum development in the form of case studies, lessons learned, best practices, and metrics and measures for system engineering.

DAU and the SEP at SMU will collaboratively develop research topics and projects in the area of systems engineering.

Both parties to this agreement intend to conduct the degree program on a continuing basis, subject to at least an annual review of academic matters, and subject to sufficient student participation, the non-concurrence of which will result in no liability to the Government. All academic policies and regulations of the SMU are understood to apply to this program.

Any intellectual property, including any patents or copyrights, developed under this MOU solely by one party shall be owned by that party in accordance with SMU policies for the SEP and in accordance with government regulations for DAU. Both DAU and SMU shall have property rights in any intellectual property jointly developed under this MOU, including any patents or copyrights. At a minimum, the federal government shall receive a royalty-free license granting Government purpose rights in any such intellectual property. SMU shall receive, at a minimum, the rights for commercial applications of such intellectual property. The specific rights to be held by each party shall be defined in a written license agreement executed concurrent with the joint efforts that result in creation of the intellectual property.

Modules and other written materials generated pursuant to this MOU by SMU may be reproduced by DAU, so long as the modules and materials are used by DAU only for non-commercial, educational or government purposes. Prior to using such materials, DAU will submit a copy of the materials to SMU to ensure that SMU propriety information is properly identified in the module or other written materials. SMU shall advise DAU, in writing, whether proprietary information is satisfactorily identified or, if not, what specific revisions to the materials are necessary. Where necessary, SMU will furnish DAU a no-cost, royalty free license granting government purpose rights in the use of the proprietary data to DAU.

Neither party to this MOU has exclusive rights of the other to any opportunities being pursued.

Either party reserves the right to terminate, without liability, the cooperative graduate degree and/or graduate certificate programs when the interest of that party so dictates. Every effort will be made by either party to give 60-days notice prior to effective date of termination and to complete the then-current programs year. Credits awarded to the point immediately preceding termination will be considered SMU units. SMU understands that the DAU support described in paragraph 1.e. of this agreement is provided with no guarantee of continuation of that support.

Frank J. Anderson Jr. 7/15/04

Frank J. Anderson, Jr. (date)
President
Defense Acquisition University

R. Gerald Turner 4/27/04

R. Gerald Turner (date)
President
Southern Methodist University

~~N/A~~

Louis A. Kratz (date)
Assistant Deputy Under Secretary of
Defense, Logistics Plans and Programs
Office of the Secretary of Defense

Ross Murfin 4/1/04

Ross Murfin (date)
Provost
Southern Methodist University

**Attachment
Certification Requirements**

Stephen Szygenda

Stephen Szygenda (date)
Dean
SMU School of Engineering

ADENDUM A – SMU Systems Engineering Courses and DAU Course Equivalents

<u>SMU Course</u>	<u>DAU Course</u>
EMIS 7301 System Engineering Fundamentals	SYS 201 A&B
EMIS 7305 System Analysis & Optimization	SYS 301 & LOFG 304/or PMT 352
EMIS 7307 System Integration & Test	SYS 301 & TST 301
EMIS 7310 System Engineering Design	SYS 301
EMIS 7320 System Engineering Management	DAU SYS 201&301 or PMT 352 (A&B)
EMIS 7330 System Reliability Engineering	LOG 304 & SYS 301
EMIS 7340 Logistics System Engineering	DAU LOG 304 & SYS 304
EMIS 7369 Reliability Engineering	LOG 235 & TST 301