ARTICULATION AGREEMENT
between
TEXAS A&M UNIVERSITY–COMMERCE
and
COLLIN COUNTY COMMUNITY COLLEGE DISTRICT
regarding
THE BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING DEGREE

This Articulation Agreement (Agreement) is made and entered into on this 15th day of July, 2009, by and between Texas A&M University-Commerce (A&M-Commerce) and Collin County Community College District (Collin College) concerning the delivery of the Bachelor of Science Degree in Industrial Engineering.

I. Purpose of Agreement:

The purpose of this Agreement is to enable Collin College students who successfully complete the articulated courses as outlined in this agreement (see Appendix A) to transfer to A&M-Commerce in a seamless transition without loss of semester credit hours towards the completion of the Bachelor of Science in Industrial Engineering (CIP: 14 3501.00) degree.

II. Terms of Agreement:

A. Responsibilities of A&M-Commerce:

A&M-Commerce hereby agrees as follows:

1. To admit and accept in full the course work as outlined in Appendix A from those Collin College students who are enrolled in the Associate of Science with emphasis in Industrial Engineering program and have been determined by A&M-Commerce to qualify for admission to A&M-Commerce and the Bachelor of Science in Industrial Engineering program.
2. To develop and provide materials related to a seamless transition to the Bachelor of Science in Industrial Engineering program, leading to a Bachelor of Science in Industrial Engineering (B.S. in IE) degree, in cooperation between Collin College and A&M-Commerce.
3. Post on A&M-Commerce website the articulated Collin College/A&M-Commerce community college 2-year planning guide.
4. To provide and teach A&M-Commerce courses articulated in this agreement.
5. To provide Collin College advisors with information and support in helping them with their role of assisting Collin College students with transfer and degree program advising.
6. To maintain on-going collaboration and monitoring of the program through the department head of the A&M-Commerce Department of Industrial Engineering & Technology.
7. To arrange and coordinate academic accommodations for qualified disabled students enrolled in A&M-Commerce courses through the A&M-Commerce Office of Disability Services.
8. To bill and collect from students participating in this program applicable A&M-Commerce tuition and fees as set by A&M-Commerce and approved by The Texas A&M University System-Board of Regents.
9. To advise students that A&M-Commerce's academic requirements, policies, procedures, tuition and fees are subject to change; and that change information can be found on the A&M-Commerce website, bulletins, or other locations.
10. A&M-Commerce will work with Collin College in providing reverse transfer arrangements for any students transferring from Collin College to A&M-Commerce prior to earning an associate's degree.
11. Provide Collin College students with scholarship and financial aid information through advising and advising materials.

12. A&M-Commerce cannot guarantee this program in perpetuity; therefore it is important that the parties and students participating in this program understand that this agreement will not constitute a binding contract regarding the on-going or future offerings of the academic program outlined herein.
13. A&M-Commerce is an equal opportunity institution, and shall not discriminate unlawfully against any Collin College student, applicant, or employee, nor shall it deny the benefits provided its own degree-seeking students to any person on the basis of race, color, national origin, ancestry, disability, marital status, age or gender.

B. Responsibilities of Collin College:
Collin College hereby agrees as follows:
1. To admit and enroll Collin College students in lower division courses taught by Collin College as part of this articulated degree program. Collin College will administer any financial aid for students when they are enrolled in Collin College.
2. To provide Collin College students with A&M-Commerce course listings for this program through bulletin and web postings, advising materials, and other appropriate media.
3. To assist in advising Collin College/A&M-Commerce students in this program through one or more designated Collin College academic adviser(s).
4. To communicate to Collin College students completing the Associate in Science with emphasis in Industrial Engineering and enrolling at A&M-Commerce of A&M-Commerce academic requirements, policies, procedures, tuition and fees and that these are subject to change and that A&M-Commerce cannot guarantee the program in perpetuity, and that future offerings cannot be guaranteed beyond the terms of this course transfer agreement.
5. To coordinate class schedules and school closings with A&M-Commerce. If A&M-Commerce offers and teaches courses on a Collin College campus, the schedule will follow the official academic calendar of A&M-Commerce.
6. Collin College is an equal opportunity institution and shall not discriminate unlawfully against any A&M-Commerce student, applicant, or employee, nor shall it deny the benefits provided its own degree-seeking students to any person on the basis of race, color, national origin, ancestry, disability, marital status, age or gender.

C. Responsibilities of Both Institutions:
1. A program review will occur annually to assess the current performance of the program and consider future modifications.

D. Course Delivery
1. Each institution agrees to offer courses as outlined in the Course Transfer Degree plan (see Appendix A). Collin College will offer at least 59 hours of course work, and A&M-Commerce will offer the remaining hours of course work for a minimum of 128 semester hours. Because of possible changes in degree requirements imposed by the State of Texas and program modifications and changes that occasionally occur, Collin College students transferring to A&M-Commerce must follow Collin College, A&M-Commerce, and State of Texas policies regarding degree program criteria.

E. Waivers to A&M-Commerce Graduation Requirements
1. Junior Level Essay (JLE): Students will need to contact the Testing Office at A&M-Commerce to determine if they are exempt from JLE requirements. If they are not exempt, they can take the COMPASS essay at Collin College and score 6 or higher (and have these scores transferred to the Testing Office at A&M-Commerce) or complete the JLE requirement for writing competency at A&M-Commerce.

III. Term of Agreement:
This Agreement shall operate on an ongoing basis. It may only be modified by a written agreement signed by legally authorized officials of both institutions. The Agreement will operate as a commitment for each cohort admitted to A&M-Commerce for this combined degree.

BOTH PARTIES AGREE TO:

Provide courses toward the 128 semester-hour Bachelor of Science in Industrial Engineering (BS in IE) degree program. A detailed outline of the curriculum is provided in Appendix A; it identifies the courses to be offered by each institution.

Identify and energetically seek to resolve any issues related to the implementation of this Agreement including, but not limited to, those related to financing, course scheduling, use of technology, Internet access, or availability of other resources.

TERMS AND TERMINATION:

This Agreement will remain in effect from its execution date until one or both of the signing parties deem it necessary to terminate the Agreement with or without cause. However, this Agreement will remain in effect for a period of one (1) calendar year after written notice of termination is made, thereby granting both parties to of this Agreement an exit period in order to accommodate active students in the program.

MISCELLANEOUS

A. Assignability: Neither Party may assign its rights or duties under this Agreement without the prior written consent of the other Party.

B. Notice: Any notice, demand, or communication required, permitted, or desired to be given under this Agreement, shall be deemed effectively given when delivered personally, sent by telecopy, or mailed by prepaid Certified Mail, return requested, addressed to the Parties at the following addresses:

Dr. Dan R. Jones, President and CEO
Texas A&M University-Commerce
P. O. Box 3011
Commerce, TX 75429-3011

Dr. Cary Israel, President
Collin County Community College District
4800 Preston Park Boulevard
Plano, TX 75093

C. Enforceability: Should any provision of this Agreement be held invalid or unconstitutional by any governmental body or court of competent jurisdiction, that holding shall not diminish the validity of any other provision of the Agreement.

D. Governance and Interpretation: This Agreement shall be governed by and interpreted in accordance with the laws of the State of Texas.

E. Construction: Common nouns and pronouns and all other terms shall be deemed to refer to the masculine, feminine, neuter, and singular and/or plural, as the identity of the person or persons, firm, or association may in the context require.

F. Multiple Copies: This Agreement and its Amendments, if any, shall be in writing and may be executed in multiple copies. Each multiple copy, if any, shall be deemed an original, but all multiple copies together shall constitute one and the same instrument.

G. Waiver of Breach: The waiver by either Party of a breach or violation of any provision of the Agreement shall not operate as, or be constructed to be, a waiver of any subsequent breach of the same or another provision.

H. This Agreement constitutes the Entire Agreement between the Parties hereto with respect to the subject matter hereof and supersedes all previous or contemporaneous agreements, understandings, or negotiations between the written instrument executed by both Parties.

I. Dispute Resolution: The dispute resolution process provided in chapter 2260, Texas Government Code, and the related rules adopted by the Texas Attorney General pursuant to chapter 2260, shall be used by A&M-Commerce and Collin College to attempt to resolve any claim for breach of contract made by either party that cannot be resolved in the ordinary course of business. The parties shall submit written notice of a claim of breach of contract under this Chapter to the respective undersigned parties, who shall examine the claim and any counterclaim and negotiate with the other respective party in an effort to resolve the claim.

J. Governing Law and Venue: This agreement shall be governed and interpreted pursuant to the Constitution and Laws of the state of Texas. Pursuant to Section 85.18, *Texas Education Code*, venue for any suit filed against A&M-Commerce shall be in the county in which the primary office of the chief executive officer of A&M-Commerce is located. At the time of this Agreement, such county is Hunt County, Texas.

K. Amendments, Changes or Modifications: No amendment, change or modification to the MOU may be made except in writing by all parties.

The parties hereto certify that they have the authority to execute this Agreement and that covenants contained herein are within their respective statutory authority to fulfill. The undersigned parties bind themselves to the faithful performance of this Agreement.

IN WITNESS WHEREOF, the parties execute this Articulation Agreement in duplicate originals effective as of the date and year first above written.

TEXAS A&M UNIVERSITY-COMMERCE

By: _____ 8-12-09
Dr. Dan R. Jones
President & CEO
Date

_____ 8/11/09
Dr. Larry Lemanski
Provost and VPAA
Date

COLLIN COUNTY COMMUNITY COLLEGE DISTRICT

By: _____ 8/4/09
Dr. Cary Israel
President
Date

_____ 7/23/09
Brenda Kihl, Assoc. Vice President,
Strategic Initiatives
Date

TEXAS A&M UNIVERSITY COMMERCE

DEPARTMENT OF ENGINEERING & TECHNOLOGY

		Construction Engineering	Industrial Engineering	Technology/Construction Management
Freshman	Fall	**ENG 1301** College Reading & Writing **HIST 1301** US History to 1877 **IT 111** Computer-Aided Design ✉ **MATH 2413** Calculus I **CHEM 1411** General & Quantitative Chemistry	**ENG 1301** College Reading & Writing **HIST 1301** US History to 1877 **IE 101** Introduction to Industrial Engineering **IT 111** Computer-Aided Design ✉ **MATH 2413** Calculus I	**ENG 1301** College Reading & Writing **HIST 1301** US History to 1877 **IT 111** Computer-Aided Design ✉ **MATH 1314** College Algebra **Elective** PE Activity
Freshman	Spring	**ENG 1302** Written Argument & Research **HIST 1302** US History from 1865 **ECO 2301** Principles of Macro Economics **OR** **ECO 2302** Principles of Micro Economics **MATH 192** Calculus II ✉ **PHYS 2425** University Physics I	**ENG 1302** Written Argument & Research **HIST 1302** US History from 1865 **CHEM 1411** General & Quantitative Chemistry **IT 112** Product Design & Development ✉ **MATH 192** Calculus II ✉	**ENG 1302** Written Argument & Research **HIST 1302** US History from 1865 **MATH 142** Pre-Calculus ✉ **Elective** Visual/Performing Arts **Elective** PE Activity **CSCI 126** Microcomputer Applications ✉ **OR** **MIS 128** Business Computer Systems ✉
Sophomore	Fall	**CONE 211** Statics ✉ **IE 201** Elementary Engineering Analysis **MATH 315** Differential Equations **PHYS 2426** University Physics II **PSCI 2301** Principles of US & Texas Government **Elective** PE Activity	**PSCI 2301** Principles of US & Texas Government **PHYS 2425** University Physics I **IE 201** Elementary Engineering Analysis **CSCI 151** Programming Fundamentals I ✉ **MATH 315** Differential Equations **Elective** PE Activity	**PSCI 2301** Principles of US & Texas Government **ACCT 221** Principles of Accounting I ✉ **PHYS 1401** College Physics **Elective** Technical Elective **SPC 1311** Fundamentals of Speech **OR** **SPC 1321** Business & Professional Speaking
Sophomore	Spring	**CONE 212** Dynamics ✉ **IE 207** Engineering Economic Analysis **IE 211** Engineering Probability & Statistics **CONE 221** Construction Materials & Methods **PSCI 2302** US & Texas Government Institutions & Pol **Elective** PE Activity	**PSCI 2302** US & Texas Government Institutions & Pol **PHYS 2426** University Physics II **IE 207** Engineering Economic Analysis **MATH 335** Linear Algebra **IE 211** Engineering Probability & Statistics **Elective** PE Activity	**PSCI 2302** US & Texas Government Institutions & Pol **Elective** Humanities **PHYS 1402** College Physics **Elective** Technical Elective **ECO 2301** Principles of Macro Economics **OR** **ECO 2302** Principles of Micro Economics

Did you notice that Calculus and University Physics were pre-requisites to the engineering courses?

HIGHLIGHT indicates course is available at community colleges. ✉ **Email me for community college course number!**

MORE INFORMATION

- Scholarships
- YouTube Video
- Program Descriptions
- Community College Transfer Agreement

Peggy.Borchardt@tamuc.edu

University Web Site: www.tamuc.edu/iet

TEXAS A&M UNIVERSITY COMMERCE

DEPARTMENT OF ENGINEERING & TECHNOLOGY

		Construction Engineering	Industrial Engineering	Technology/Construction Management
Junior	Fall	**BA 301** Legal Environment of Business **CONE 231** Construction Estimating **IT 340** Quality Management & Improvement **Elective** Humanities **SPC 1311** Fundamentals of Speech **OR** **SPC 1321** Business & Professional Speaking	**ECO 2301** Principles of Macro Economics **OR** **ECO 2302** Principles of Micro Economics **IE 312** Industrial Operations Research I **IT 340** Quality Management & Improvement **OR** **MGT 340** Quality Management & Improvement **SPC 1311** Fundamentals of Speech **OR** **SPC 1321** Business & Professional Speaking **IE 311** Advanced Engineering Statistics	**BA 301** Legal Environment of Business **BAAS 355** Dynamic Organizations **IT 340** Quality Management & Improvement **TMGT 311** Environmental & Safety Management **TMGT 336** Construction Cost Estimating
	Spring	**CONE 331** Mechanics of Materials **CONE 341** Engineering Hydrology & Hydraulics **CONE 351** Field Engineering & Surveying **Elective** Visual/Performing Arts **MATH 335** Linear Algebra	**IE 305** Facilities Planning & Management **IE 313** Industrial Operations Research II **IE 314** Statistical Quality Control **IE 316** Manufacturing Systems Design & Control **IE 410** Systems Simulation	**BAAS 345** Organizational Leadership **IT 303** Industrial Communications **TMGT 335** Construction & LEED Systems **TMGT 350** Principles of Technology Management **TMGT 352** Principles of Cost Engineering
Senior	Fall	**CONE 411** Steel & Concrete Design **CONE 412** Structural Analysis & Design **CONE 421** Construction Safety **CONE 422** Construction Engineering Management **ENVS 403** Environmental Ethics & Law **OR** **BCS 417** Geospatial Mapping	**IE 411** Engineering Management **IE 431** Principles of Programmable Automation **IE 403** Human Factors Engineering **IE 407** Production Systems Operations **IE 471** Planning for Industrial Systems Design	**MGT 394** Human Resource Management **TMGT 351** Managing Cultural Differences **TMGT 454** Contracts & Specifications **TMGT 455** Project Planning & Scheduling **TMGT 456** Value Chain Control & Management
	Spring	**CONE 423** Contracts & Specifications **CONE 425** Construc Plan'g, Schedul'g, & Controls **CONE 431** Sustainable Construc Methods & Proc **CONE 432** Soil Engineering **CONE 471** Construction Engineering Internship	**Elective** Visual/Performing Arts **Elective** Humanities **IE 444** Systems Engineering **IE 486** Service Systems Analysis **IE 495** Industrial Systems Design	**BAAS 444** Strategies for Decision Making **TMGT 411** Risk Management **TMGT 439** Construction Management **TMGT 457** Enterprise Analysis & Trends **TMGT 458** Project Management

Did you know that 50% of your bachelor of science degree must be university coursework to qualify for graduation?

MORE INFORMATION

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