

**Articulation Agreement
between
Missouri University of Science and Technology
and
Lincoln University**

OVERVIEW:

This formal program articulation agreement is made and entered into by Missouri University of Science and Technology, hereinafter referred to as Missouri S&T, and Lincoln University, hereinafter referred to as LU. By this agreement Missouri S&T and LU express a shared commitment to increasing opportunities for student access to and success in higher education. By clarifying transfer policies and procedures that assure articulation between programs, the institutions seek to assist students in making a seamless transfer of college-level course work to Missouri S&T for the completion of the baccalaureate degree.

PURPOSE:

This agreement provides students the opportunity to begin coursework at Lincoln University and complete a Bachelor of Arts/Science at Missouri S&T. All LU students are guaranteed that Missouri S&T will accept all college-level LU credits and will apply such to the Bachelor of Arts/Science degree in a manner consistent with the treatment of native students. Transfer guides will outline coursework at LU that will meet specific Missouri S&T degree requirements. The transfer guides will be available to students, faculty, and advisors at LU.

CONDITIONS OF TRANSFER:

Section I: Admissions and Matriculation

LU students maintaining continuous enrollment under this agreement will be afforded the same treatment and protection as Missouri S&T native students enrolled under a specific catalog year. Missouri S&T encourages students to complete four semesters or an associate's degree at their sending institution prior to transfer but does not require this as a condition of admission.

Criteria for admission to Missouri S&T as a transfer student includes a minimum 2.0 GPA, completion of a minimum of 24 college-level credits, and successful completion of degree-related course work. Students who do not satisfy any or all of these criteria may be asked to submit high school transcripts, standardized test scores, a personal statement or other information as necessary to determine admissibility. Admission to the university does not guarantee admission into a particular academic department or degree program. Criteria for acceptance into a Missouri S&T academic department or degree program will be consistent with criteria applied to native Missouri S&T students.

LU, upon student request, will provide verification of completed courses to the Missouri S&T Office of Admissions.

The Missouri S&T Registrar's Office will evaluate the transcripts of students transferring from LU.

Transfer students from LU will have access to financial aid and student services on the same basis as native students.

Minimum grade standards for academic progress at and graduation from LU will be subject to no further review by Missouri S&T.

Missouri S&T will apply the same academic progress and graduation standards to LU transfer students as those applicable to native students at Missouri S&T.

Section II: Transfer of Credit

All college-level credit hours will be accepted by Missouri S&T from LU to be applied to the Bachelor of Arts/Science according to degree requirements. All grades, quality points and credit hours are transferred and computed in the cumulative GPA. The LU grade replacement policy for repeated courses will be honored at Missouri S&T for up to a maximum of 15 credit hours.

The last 60 credit hours of an undergraduate program must be taken in residence at Missouri S&T. A student may, with Missouri S&T departmental approval, take up to 15 of these 60 credit hours off the Missouri S&T campus. If the student wishes to exceed 15 credit hours (of the last 60 credit hours) taken off the Missouri S&T campus, the student must obtain prior approval of the Missouri S&T academic department chair upon recommendation of the student's Missouri S&T academic advisor.

Section III: Transfer Guide

Transfer guides will be developed and periodically updated cooperatively between Missouri S&T and LU. Each transfer guide will specify the Missouri S&T degree course requirements and equivalent LU courses. All transfer guides will be considered addendums to this agreement and are subject to revision. For a given catalog year, the most recent transfer addendum will take precedence over all previous transfer addendums.

TERMS OF AGREEMENT:

This agreement is made and entered into in the academic year 2008/2009 and remains in force unless changed in writing by mutual agreement of both parties. This agreement may be amended at any time with the approval of both parties and is subject to regular review to assure currency with the respective degree requirements. Should

either party desire to discontinue this agreement, advance notification of two years will be required.

SIGNATURES:

The Missouri University of Science and Technology (Missouri S&T) and Lincoln University (LU) hereby enter into this articulation agreement by the affixing of signatures of the chief executive officers of both institutions or their designees.

Dr. John F. Carney III
Chancellor
Missouri University of Science and Technology

Date

Carolyn Mahoney
President
Lincoln University

Date _____

Program Structure

The program structure is given below. It is determined by the transfer agreement between the University of Missouri - Rolla and Lincoln University.

ASSOCIATE OF SCIENCE DEGREE PROGRAM IN PRE-ENGINEERING

FRESHMAN YEAR					
First Semester			Second Semester		
MAT 123 ¹	Anal. Geom. & Calc. I	5		MAT 203 ¹	5
CHM 101	Gen. Chemistry I	4		CHM 102	4
BE 105	Engineering Drawing I	3		CS 115	3
ENG 101	Comp. & Rhetoric I	3		HIS 205 ³	3
GE 101	University Seminar	1		ENG 102 ²	3
			16		
				18	
SOPHOMORE YEAR					
First Semester			Second Semester		
MAT 304 ¹	Anal. Geom. & Calc. III	5		MAT 342 ^{3,2,4}	3
PHY 201 ¹	General Physics I	5		PHY 202 ¹	5
ECO 201	Princ. of Economics I	3		BE 201	4
HUM/SS	Elective	3		ET/BE ⁴	6
			17		
				18	

Adjustments in the recommended program may be necessary to meet requirements for specific engineering fields.

- ¹ Must receive a "C" or better in Physics and Calculus
- ² Not required by some engineering disciplines
- ³ May substitute HIS 206 or PSC 201
- ⁴ Depending on engineering discipline, student may choose from the following list:

- ET 104 Circuit Analysis
- BE 110 Introduction to CADD
- BE 202 Strength of Materials
- BE 250 Engineering Mechanics - Dynamics
- BE 312 Intermediate Surveying

This Pre-Engineering curriculum is designed to provide the first two years of an engineering program, transferable to the University of Missouri at Rolla. Students should give serious attention to the particular engineering curriculum to which they intend to transfer in order that they may elect such supplemental courses as may be required by that curriculum.

Faculty Resources

The proposed program requires no additional faculty because it requires no new courses.

PROPOSED ASSOCIATE OF SCIENCE DEGREE FOR PRE-ENGINEERING

Lincoln University proposes to establish an Associate of Science Degree for its Pre-engineering transfer program. The existing Pre-engineering program was established by a Model Engineering Transfer Agreement Between The University of Missouri - Rolla and Lincoln University. The purpose of the agreement is "to assist students during the first two years of college (Pre-engineering) and subsequently in completing their engineering degree program at the University of Missouri - Rolla." (A copy of the agreement is attached.)

The Coordinating Board for Higher Education's policy statement Credit Transfer: Guidelines for Student Transfer and Articulation Among Missouri Colleges and Universities recognizes a new type of degree -- the Associate of Science degree in specific undergraduate majors. The Associate of Science degree (AS) is a specialized degree which is intended for transfer into a Pre-professional program and is substantively different from the Associate of Applied Science degree (AAS).

Mission and Planning Priorities

This proposed program is consistent with the University's institutional mission and the principal planning priorities set forth in the institution's approved plan. The specific objectives of the program are:

1. To provide Lincoln students with the first two years of a four-year engineering program.
2. To fulfill the Model Engineering Transfer Agreement between the University of Missouri - Rolla and Lincoln University.
3. To award the Associate of Science degree upon completion of the program.

Need for the Proposed program

The need for the program is established by the fact that accountability is more easily realized when student success can be determined by the awarding of a degree. In the past it has been difficult to track students participating in Lincoln's Pre-engineering program. There was no Classification of Instructional Programs (CIP) code designated specifically for these majors, so consequently they were recorded as various other majors. When they left Lincoln to continue on with their engineering studies at another institution, they were often counted as a non-returning students (dropouts). By the establishment of this degree program, students will be listed under this major only and accountability will be greatly facilitated.

Listed in Tables 1 and 2 respectively are the estimated number of majors and graduates of the proposed Pre-engineering program.

Table 1
Estimated Enrollment of Majors by Term

Number of Majors	Fall 1994	Fall 1995	Fall 1996	Fall 1997	Fall 1998
Full-time	20	25	30	35	40
Part-time	6	8	10	12	14
Total	26	33	40	47	54

Table 2
Estimated Number of Graduates by Academic Year

	Academic Year 1994-95	Academic Year 1995-96	Academic Year 1996-97	Academic Year 1997-98	Academic Year 1998-99
Number of Graduates	5	8	10	14	20

Duplication of the Proposed Program

In the State of Missouri there are several two-year colleges and state universities that have articulation agreements with the University of Missouri - Rolla affecting Pre-engineering transfer programs. While these programs appear to duplicate one another, they all exist because of the individual transfer agreements. These programs allow students to attend a local institution for part of their degree program thereby reducing their overall education expenses.

Generally, the curriculum is composed of existing courses offered for other majors at that institution. This is the case for the program being proposed for Lincoln University.

MODEL ENGINEERING TRANSFER AGREEMENT

BETWEEN

THE UNIVERSITY OF MISSOURI - ROLLA AND LINCOLN UNIVERSITY

OCTOBER 5, 1988

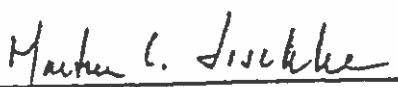
Lincoln University and the University of Missouri - Rolla, on this the 5th day of October, 1988, agree to enter into a Cooperative Transfer Agreement designed to assist students during the first two years of college (pre-engineering) and subsequently in completing their engineering degree program at the University of Missouri - Rolla.

This agreement provides the Lincoln University student with a Model Engineering Transfer Program developed by the two institutions. This program provides a semester-by-semester course of study for all four years of college.

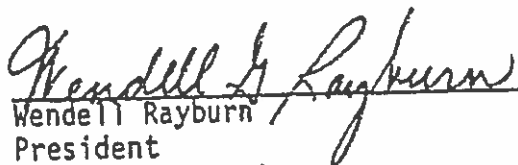
This agreement assures the student access to the engineering programs at the University of Missouri - Rolla under the University of Missouri - Rolla academic requirements in effect at the time of enrollment at Lincoln University -- as set forth by the University of Missouri - Rolla catalog -- provided the student remains in continuous, full-time enrollment.

Upon transfer to the University of Missouri - Rolla, the agreement assures the student the opportunity for course selection and scheduling of classes on an equal basis with students who start as freshmen on the University of Missouri - Rolla campus.

In addition, the Model Transfer Program staff at the University of Missouri - Rolla, in conjunction with the faculty and staff at Lincoln University, will provide the student with academic and career counseling and guidance while at Lincoln University and upon transfer to the University of Missouri - Rolla.



Martin C. Jischke
Chancellor
University of Missouri - Rolla



Wendell Rayburn
President
Lincoln University

RECEIVED
OCT 10 1988

APPROVED BY THE BOARD OF CURATORS -- JUNE 23, 1994



LINCOLN UNIVERSITY

Office for Academic Affairs

P.O. Box 29
Jefferson City, MO 65102-0029

Phone (314) 681-5074
FAX (314) 681-6074

MEMORANDUM

June 6, 1994

Office of the President

Date 6/7/94

Approved Not Approved

Comments _____

TO: Dr. Wendell G. Rayburn
President

FROM: John A. Taylor
Vice President

RE: Associate of Science Program in Pre-Engineering

Signed

During its May 17, meeting, the University Senate approved the proposed "Associate of Science" degree in Pre-Engineering. Under an existing agreement which exists between Lincoln University and the University of Missouri-Rolla, students are permitted to study on our campus for two years before transferring to Rolla to complete a bachelor's degree program in engineering. At issue is the fact that when these students leave Lincoln University, there is no documentation to describe their transfer to another four-year institution for continued study. In other words, these students are being classified as "dropouts." The following statement appears in the CBHE document, New Academic Programs Review Policies and Procedures.

The Associate of Science degree (AS) is a specialized degree which is intended for transfer into a pre-professional program...

By establishing the Associate of Science degree, Lincoln University will have a mechanism under which it can classify the students who intend to transfer to the University of Missouri-Rolla. I recommend the approval of the new degree program.



LINCOLN UNIVERSITY

Department of Computer Science,
Technology and Industrial Education

P.O. Box 29
Jefferson City, MO 65102-0029

Phone (314) 681-5482

Memorandum

TO: Dr. Mary C. Wyatt, Dean *McW*
College of Agriculture, Applied Science
and Technology

APPROVED

FROM: Dr. Marshall G. Holman, Head *MH*
Department of Computer Science,
Technology and Industrial Education

SUBJECT: College Curriculum Committee Approval of New Program

DATE: April 22, 1994

The College Curriculum Committee met today and approved a new program submitted by the Department of Computer Science, Technology and Industrial Education. This program is being submitted under a special provision of the CBHE that allows for the establishment of an **Associate of Science Degree** for transfer programs where the sending and receiving institutions have affected an articulation agreement. As you know, Lincoln and the University of Missouri - Rolla have such an agreement for our Pre-engineering program.

The attached documentation explains the objectives, need, etc. of the new program. This plan will not require any new resources because we have been offering all the courses for several years. The major difference is that now we will be able to track our Pre-engineering students much more accurately because they will all be enrolled in the same program.

I am requesting that you review this program and forward it to the University Curriculum Committee with your approval. That committee is meeting next Thursday, April 28, 1994, maybe for the last time this semester. It is my hope that this new program can become an agenda item for that meeting.

If you have any questions or need further explanation, I will be glad to respond.

copy: Dr. John Taylor