

**Transfer Agreement
Between
Oklahoma City Community College
and
University of Central Oklahoma**

Effective Academic Year: 2009-2010

Associate in Science Degree in Engineering - Pre-Engineering

and

Bachelor of Science in Engineering Physics - Physics

Dr. Sonya Williams, Director
Department of Science

Dr. Baha Jassemnejad, Chair
Department of Engineering and Physics

Date

Date

Mr. Max Simmons, Dean
Science and Mathematics

Dr. John Barthell, Dean
College of Mathematics and Science

Date

Date

Dr. Felix Aquino
Vice President for Academic Affairs

Dr. William Radke, Provost
Vice President for Academic Affairs

Date

Date

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PROGRAM TRANSFER AGREEMENT

SECTION I: *PURPOSE*

This formal program transfer agreement is made and entered into by the University of Central Oklahoma, hereinafter referred to as UCO, and Oklahoma City Community College, hereinafter referred to as OCCC. By this agreement, UCO and OCCC express a shared commitment to increasing opportunities for student access to and success in higher education. By clarifying transfer policies and procedures, which assure articulation between programs, the institutions seek to assist students in making a seamless transfer from the associate to the baccalaureate degree. Upon formal approval of this transfer agreement by the appropriate officials of both institutions, each is free to publicize the terms herein.

SECTION II: *AGREEMENT PROVISIONS*

Students will meet or exceed admissions requirements at OCCC upon enrollment in the designated degree program. Performance and curricular deficiencies will be met prior to transfer to UCO and in accordance with the remediation policies of the community college.

Students who begin their degree program during the effective academic year at the OCCC, maintain continuous enrollment, and graduate with the designated degree/program are eligible to transfer to UCO under the terms of this agreement.

Students under this agreement who complete the designated program of courses and apply to UCO with a retention GPA of 2.0 or higher will be eligible for admission to UCO.

When students matriculate to UCO, they may apply for financial aid through the Financial Aid Office of UCO. UCO offers some scholarships specifically to transfer students.

SECTION III: *REQUIREMENTS*

1. Courses in this agreement are accepted at UCO, as specified, and apply to the student's baccalaureate degree program in the same manner as non-transferring students. Minimum grades required to meet requirements are the same for courses taken at the community college and courses taken at UCO.
2. Upon transfer, continuously enrolled students under this agreement may petition to meet program requirements from the UCO catalog in effect the semester they started at the OCCC. Students, transferring and non-transferring, may need to complete additional coursework in order to meet current certification requirements. UCO courses are continuously assessed and changed to meet changing educational needs. Transfer students will receive the same treatment and protection relative to course changes afforded to non-transferring students.

3. Academic forgiveness provisions (repeat and reprieve) granted at the community college will be honored at UCO.
4. The standards for graduation will be the same for students transferring under this agreement as for non-transferring students, except that general education/university core requirements for students transferring under this agreement will be considered met unless a course is a pre-requisite to a program requirement.
5. Oklahoma State Regents for Higher Education minimum standards for a baccalaureate degree will be met.

SECTION IV: *UPDATES/REVIEW/DISCLAIMER*

This agreement is subject to change by legislative action, the Department of Education, the Regional University System of Oklahoma, the Oklahoma State Regents for Higher Education, or external governing/accrediting agencies.

This agreement will be reviewed annually by the appropriate department chairs at the University of Central Oklahoma and the community college and revised according to University and community college procedures. This review will take place in the spring, in order to incorporate program changes for the subsequent academic year.

Any revisions to the original Program Transfer Agreement will be communicated to all signatories of the original agreement as well as appropriate individuals on both campuses.

This agreement may be discontinued by either institution as need arises upon written notification to the other institution prior to the termination date.

Both institutions are committed to the partnership and the success of the student in pursuit of this degree program. Both parties will work toward ensuring that currently enrolled students have the opportunity to complete their degree programs effectively and efficiently.

Transfer Agreement

Oklahoma City Community College: A.S. in Engineering - Pre-Engineering
and
University of Central Oklahoma: B. S. in Engineering Physics- Physics
Major Code: 6243

Oklahoma City Community College Courses

UCO requirement

ENGL 1113 English Composition I
ENGL 1213 English Composition II
HIST 1483 U.S. History to the Civil War **or**
HIST 1493 U.S. History since the Civil War
POLSC 1113 American Federal Government
HUM—3 hours
SCL 1001 Success in College and Life
PHIL 1213 Into to Ethics
ECON 1113 Economic Development of the U.S.

CHEM 1115 General College Chemistry I

MATH 2104 Calculus and Analytic Geometry I
MATH 2214 Calculus and Analytic Geometry II
MATH 2314 Calculus and Analytic Geometry III

PHYS 2014 Engineering Physics I

PHYS 2114 Engineering Physics II

ENGR 2133 Rigid Body Mechanics or
ENGR 2243 Statics
CS 2363 C++ (FA Support)
ENGR 2613 Electrical Science (FA ENG)
ENGR 2143 Strength of Materials(FA ENG)
ENGR 2003 Engineering Practice I
Total 62 hours

ENG 1113 English Composition
ENG 1213 English Composition and Research
HIST 1483 History of U.S. to 1877
HIST 1493 History of U.S. since 1877
POL 1113 American National Government

UNIV 1012 Success Central
PHIL 1123 Contemporary Moral Problems
ECON 1103 Introduction to Economics
OCCC A.S. completes UCO University Core
Requirements.
CHEM 1103 General Chemistry I and
1112 General Chemistry I - Recitation/Lab
MATH 2305, 2333,2343 Calculus 1 through 4

PHY 2014 Physics for Scientist and Engineers I and
Lab
PHY 2114 Physics for Scientist and Engineers I and
Lab
ENGR 2033 Statics

*ENGR 1213 Engineering Computing
ENGR 2303 Electrical Science
ENGR 2143 Strength of Materials
Elective

To include additional course work required for the A.S. as presented in the OCCC Catalog.

***This course is a substitution for this program only.**

To be taken at the University of Central Oklahoma.....62-63

Engineering Physics – Physics

Support Courses.....3-4

FMKT 2323 Global Protocol and Diversity
(or Foreign Language)

Engineering Physics - Physics..... 59

Physics..... 15

Required courses:

- PHY 3103 Modern Physics
- PHY 3883 Mathematical Physics I
- PHY 4003 Mathematical Physics II
- PHY 4163 Analytical Mechanics **OR**
- ENGR 4183 Electromagnetic Fields II
- PHY 4173 Classical Mechanics **OR**
- PHY 4203 Quantum Mechanics

Engineering..... 38

Required courses:

- ENGR 1112 Introduction to Engineering
- ENGR 2043 Dynamics
- ENGR 2311 Electrical Science Laboratory
- ENGR 3183 Electromagnetic Fields I
- ENGR 3203 Thermodynamics
- ENGR 3263 Introduction to Engineering Optics
- ENGR 3302 Engineering Experimentation
- ENGR 3324 Signals and Control Systems and Laboratory
- ENGR 3404 Analog Electronics and Laboratory
- ENGR 3443 Fluid Mechanics
- ENGR 3703 Computational Methods in Engineering
- ENGR 4412 Senior Engineering Design I
- ENGR 4422 Senior Engineering Design II
- ENGR 4633 Introduction to Solid State Devices

Mathematics 3

Required courses:

- MATH 3103 Differential Equations

Physics or Engineering Electives..... 3

Any 3000 or 4000 level PHY or ENGR course with the following exceptions: PHY 3014, PHY 3044, PHY 3054, or PHY 3503.

Total hours at OCCC.....62

Total hours at UCO.....62-63

The number of credits needed to meet degree requirements exceeds 124 hours and will vary according to course selection.

Minimum Grade Requirements

1. Average in (a) all college course work, and (b) course work at UCO 2.00
2. A minimum grade of "C" must be earned in all courses in the major to count toward meeting degree requirements.

For other regulations pertaining to graduation, see the UCO 2009-2010 Undergraduate Catalog.