

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

**Effective Academic Year: 2010-2011**

**Associate in Science Degree in Engineering - Pre-Engineering**

**and**

**Bachelor of Science in Engineering Physics- Electrical Systems**

\_\_\_\_\_  
Dr. Sonya Williams, Director  
Department of Science

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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

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Dr. Felix Aquino  
Vice President for Academic Affairs

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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- Electrical Systems  
Major Code: 6245

### 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.

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

CHEM 1115 General College Chemistry I

UNIV 1012 Success Central  
PHIL 1123 Contemporary Moral Problems  
ECON 1103 Introduction to Economics  
OCCC A.S. completes UCO University Core Requirements.

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

CHEM 1103 General Chemistry I and  
1112 General Chemistry I - Recitation/Lab  
MATH 2305, 2333,2343 Calculus 1 through 4

PHYS 2014 Engineering Physics I

PHY 2014 Physics for Scientist and Engineers I  
and Lab

PHYS 2114 Engineering Physics II

PHY 2114 Physics for Scientist and Engineers I  
and Lab

ENGR 2133 Rigid Body Mechanics or  
ENGR 2243 Statics

ENGR 2033 Statics

CS 2363 C++ (FA Support)  
ENGR 2613 Electrical Science (FA ENG)  
ENGR 2143 Strength of Materials(FA ENG)  
ENGR 2003 Engineering Practice I

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

**Total 62 hours**

**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.....63-64**

**Support Courses.....3-4**

FMKT 2323 Global Protocol and Diversity  
(or Foreign Language)

**Engineering Physics - Electrical Systems ..... 60**

**Physics..... 6**

Required courses:

- PHY 3103 Modern Physics
- PHY 3883 Mathematical Physics I

**Engineering..... 45**

Required courses:

- ENGR 1112 Introduction to Engineering and Laboratory
- ENGR 2043 Dynamics
- ENGR 2311 Electrical Science Laboratory
- ENGR 3183 Electromagnetic Fields I
- ENGR 3203 Thermodynamics
- ENGR 3222 Digital Logic Design and Laboratory
- ENGR 3302 Engineering Experimentation
- ENGR 3323 Signals and Systems & Laboratory
- ENGR 3404 Analog Electronics and Laboratory
- ENGR 3413 Materials Science
- ENGR 3613 Microprocessors and Laboratory
- ENGR 3703 Computational Methods in Engineering
- ENGR 4323 Digital and Analog Communication
- ENGR 4333 Digital Signal Processing and Laboratory
- ENGR 4412 Senior Engineering Design I
- ENGR 4422 Senior Engineering Design II
- ENGR 4803 Electromechanical Systems and Applied Mechatronics & Laboratory

**Mathematics ..... 3**

Required:

- MATH 3103 Differential Equations

**Engineering Electives..... 6**

Select from the following:

- ENGR 3263 Introduction to Engineering Optics
- ENGR 3803 Electrical Power Systems
- ENGR 4183 Electromagnetic Fields II
- ENGR 4303 Control Systems
- ENGR 4613 Photonics
- ENGR 4633 Intro to Solid State Devices

**Total hours at OCCC.....62**

**Total hours at UCO.....63-64**

**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 2010-2011 Undergraduate Catalog.