

**Transfer Agreement  
Between  
Rose State College  
and  
University of Central Oklahoma**

**Effective Academic Year: 2011-2012**

**Associate in Science Degree in Environmental Science: Environmental Quality/Safety Option**

**and**

**Bachelor of Science in Industrial Safety**

\_\_\_\_\_  
Mr. Dan Ratcliff, Coordinator  
Environmental Science

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Dr. Candy Sebert, Chair  
Occupational Technology Education

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

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Dr. Wayne Davis, Dean  
Engineering and Science Division

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Dr. James Machell, Dean  
CEPS

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

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Dr. Frances Hendrix,  
Vice President for Academic Affairs

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Dr. William Radke, Provost  
Vice President for Academic Affairs

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Date

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Date

## Transfer Agreement

Rose State College: A.S. in Environmental Science and  
University of Central Oklahoma: B.S. in Industrial Safety  
Major Code: 3260

### Rose State College Courses

#### General Education as stated in RSC Catalog

ENGL 1113 English Composition I  
ENGL 1213 English Composition II  
HIST 1493 U.S. History since 1877 or  
HIST 1483 U.S. History to 1877  
POLS 1113 American Federal Government  
HUM  
HPER  
Biology  
Liberal Arts Elective

LFSC 2444 Ecology  
MATH 1513 College Algebra  
CHEM 1114 Introductory Chemistry  
PHYS 1513 Introductory Physics  
ENSC 1103 Introduction to Environmental Science  
ENSC 2113 Solid and Hazardous Waste: Principles and Management  
ENSC 2123 Air Quality  
ENSC 2191 Individual Studies  
ENSC 2233 Water Quality  
ENSC 2403 Industrial Hygiene Practices

\*Total 62-64 hours

\*To include additional course work required for the A.S. in Environmental Science as presented in the RSC Catalog.

To be taken at the University of Central Oklahoma.....60-62

Industrial Safety..... 45

Required Courses:.....27-30

- SFTY 2343 Safety Education
- SFTY 2503 Basic Measurements for Industrial Safety
- SFTY 3073 Industrial Safety I
- SFTY 3333 Ergonomics
- SFTY 3433 Introduction to OSHA
- SFTY 4173 Fire Prevent., Protect. and Control
- SFTY 4412 Hazard Communication
- SFTY 4433 Occupational Risk Management
- SFTY 4613 Professional Safety Development
- SFTY 4900 Industrial Safety Practicum (1-4 hours)

### UCO requirement

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

*RSC A.S. completes UCO University Core Requirements.*

BIO 2263 Environmental Biology  
MATH 1513 College Algebra  
CHEM 1014 Introductory Chemistry and Lab  
PHY 1003 Introduction to Physics  
SFTY 4163 Environmental Safety  
SFTY 4213 Chem and Toxicology of Hazardous Material and Waste  
Elective  
Elective  
SFTY 4333 Storm Water Management  
SFTY 4123 Industrial Hygiene I

**Concentration..... 18**

Complete concentration A or B

**Concentration A:**

Select at least 18 hours from the following:

- SFTY 2413 Hand, Power, and Machine Tool Safety
- SFTY 3343 Construction Safety
- SFTY 3443 Mandatory OSHA Training
- SFTY 4013 Alcohol and Drug Education
- SFTY 4083 Industrial Safety II
- SFTY 4203 Prin., Hist., and Phil. of Safety Education
- SFTY 4232 Life Safety Code
- SFTY 4402 Supervision of Transportation

**Concentration B:**

Select at least 18 hours from the following:

- SFTY 3112 Physical Aspects of Industrial Safety
- SFTY 3353 Radiation Safety
- SFTY 4133 Industrial Hygiene II
- SFTY 4142 Respiratory Protection
- SFTY 4152 Personal Protective Equipment
- SFTY 4243 Industrial Noise Control
- SFTY 4253 Electrical Safety
- SFTY 4463 Industrial Ventilation

**Electives to bring total to ..... 124**

Recommended electives:

- HLTH 2212 First Aid with CPR
  - SFTY 2323 Product Safety
  - SFTY 3102 Legal Aspects of Safety Education
  - SFTY 3203 Driver and Traffic Safety Education I
  - SFTY 3623 Fundamentals of Petroleum Safety
  - SFTY 3633 International Safety
  - SFTY 4222 Industrial Fire Systems
  - SFTY 4303 Driver and Traffic Safety II
  - SFTY 4323 Underground Storage Tank Management
  - SFTY 4423 Applied Ergonomics
  - SFTY 4443 Asbestos and Lead Management
  - SFTY 4453 Hazard Waste Operations and Emergency Response
  - SFTY 4522 Industrial Process Safety
  - SFTY 4950 Internship in Industrial Safety (1-4 hours)
- Other courses as approved by Program Coordinator

Students in one area of concentration may take any class in the other area of concentration as an elective.

**UCO electives..... 17 (check total hours in upper division)**

**UCO total.....62-60**

**Rose State College total hours.....62-64**

**Electives to bring total to ..... 124**

### **Minimum Grade Requirements**

**Average in (a) all college course work, (b) course work at UCO, and (c) major courses.....2.00**

Students must meet all bachelor degree requirements at UCO to include:

40 hours of upper division coursework

30 hours in residence at UCO

15 of the last 30 hours must be taken in residence at UCO

For other regulations pertaining to graduation, see the UCO 2011-2012 Undergraduate Catalog.