

# FLORIDA ATLANTIC UNIVERSITY™

UUPC APPROVAL 11/7/2014  
 UFS APPROVAL \_\_\_\_\_  
 SCNS SUBMITTAL \_\_\_\_\_  
 CONFIRMED \_\_\_\_\_  
 BANNER POSTED \_\_\_\_\_  
 CATALOG \_\_\_\_\_

## Undergraduate Programs—NEW COURSE PROPOSAL<sup>1</sup>

DEPARTMENT: CEGE

COLLEGE: ENGINEERING AND COMPUTER SCIENCE

**RECOMMENDED COURSE IDENTIFICATION:**

PREFIX ENV COURSE NUMBER 4112 LAB CODE (L or C) C

(TO OBTAIN A COURSE NUMBER, CONTACT [MJENNING@FAU.EDU](mailto:mjenning@fau.edu))

COMPLETE COURSE TITLE: AIR POLLUTION AND CONTROL SYSTEMS WITH LAB

**EFFECTIVE DATE**

(first term course will be offered)

Spring 2015

**CREDITS<sup>2</sup>:**

4

**TEXTBOOK INFORMATION:**

- Air Pollution Control: A Design Approach (2010), 4th Ed, by C. David Cooper and F. C. Alley, Waveland Press, Inc. ISBN 1-57766-678-X.

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR  PASS/FAIL \_\_\_\_\_ SATISFACTORY/UNSATISFACTORY \_\_\_\_\_

**COURSE DESCRIPTION, NO MORE THAN THREE LINES:**

This course introduces students to the regulations dealing with air quality, basic meteorology, the physics of atmospheric dispersion, indoor air quality, and design of air pollution control systems. Laboratory included.

**PREREQUISITES W/MINIMUM GRADE\*:**

ENV3001C WITH MINIMUM GRADE OF "C"

**COREQUISITES\*:**

**REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)\*:**

DP

\*DEFAULT MINIMUM PASSING GRADE IS D-. PREREQUISITES, COREQUISITES AND REGISTRATION CONTROLS WILL BE ENFORCED FOR ALL COURSE SECTIONS.

MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE: PH.D. IN CIVIL OR ENVIRONMENTAL ENGINEERING OR RELATED FIELD

**WAC/GORDON RULE COURSE<sup>3</sup>**

YES \_\_\_\_\_ NO

WAC/Gordon Rule criteria must be indicated in syllabus. Guidelines: [www.fau.edu/WAC](http://www.fau.edu/WAC)

**GENERAL EDUCATION REQUIREMENT (MARK X IN FRONT OF SELECTION)<sup>4</sup>**

- |   |   |
|---|---|
| <input type="checkbox"/> Written Communication    | <input type="checkbox"/> Society/Human Behavior |
| <input type="checkbox"/> Mathematics/Quant. Reas. | <input type="checkbox"/> Global Citizenship     |
| <input type="checkbox"/> Science/Natural World    | <input type="checkbox"/> Creative Expression    |

Must attach the appropriate General Education Course Approval Request: [www.fau.edu/deanugstudies/GeneralEdCourseApprovalRequests.php](http://www.fau.edu/deanugstudies/GeneralEdCourseApprovalRequests.php)

**Faculty contact, email and complete phone number:**

Daniel Meeroff, Ph.D. 561-297-3099  
[dmeeroff@fau.edu](mailto:dmeeroff@fau.edu)

Please consult and list departments that might be affected by the new course and attach comments.<sup>5</sup>

None, but contacted College of Science to make sure no duplication. Letter is provided.

**Approved by:**

Department Chair: [Signature]

College Curriculum Chair: [Signature]

College Dean: [Signature]

UUPC Chair: [Signature]

Undergraduate Studies Dean: [Signature]

UFS President: \_\_\_\_\_

Provost: \_\_\_\_\_

**Date:**

10/17/2014

10/22/2014

10/22/2014

11/10/14

11/12/14

1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist: [www.fau.edu/academic/registrar/UUPCinfo](http://www.fau.edu/academic/registrar/UUPCinfo)

2. Review Provost Memorandum: **Definition of a Credit Hour**  
[www.fau.edu/provost/files/Definition\\_Credit\\_Hour\\_Memo\\_2012.pdf](http://www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf)

3. WAC approval (attach if necessary)

4. Gen. Ed. approval (attach if necessary)

5. Consent of affected departments (attach if necessary)

Email this form and syllabus to [mjenning@fau.edu](mailto:mjenning@fau.edu) seven business days before the University Undergraduate Programs Committee meeting so that materials may be viewed on the UUPC website prior to the meeting.