

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

(Check one) <input type="checkbox"/> New Course (Parts II, IV) <input type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input checked="" type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III)	Department Name College *Course Prefix & Number *Course Title (30 characters) *Program Title *Provide only the information relevant to the proposal.	Physics and Astronomy Arts and Sciences Science For Engineering (A.S.) (Major <u>X</u> , Option ___; Minor ___; or Certificate ___)
Proposal Approved by:		
Departmental Committee	<u>Date</u> 9-25-06	Graduate Council* NA
<i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/>		
College Curriculum Committee	9-29-06 (electronic)	Approved ___ Disapproved ___
General Education Committee*	NA	Faculty Senate**
Teacher Education Committee*	NA	Board of Regents**
		Council on Postsecondary Edu.*** NA
*If Applicable (Type NA if not applicable.) **Approval needed for new, revised, or suspended programs ***Approval/Posting needed for new degree program or certificate program ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.		

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.) To change the Associate of Science Degree Program in Science for Engineering (A.S) to Associate of Applied Science (A.A.S.). A. 2. Effective date: (Example: Fall 2001) Spring 2007 A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)	
B. The justification for this action: To come in to compliance with the naming format for associate degrees, as required by CPE.	
C. The projected cost (or savings) of this proposal is as follows: None. Operating Expenses Impact: None. Equipment/Physical Facility Needs: None. Library Resources: None.	

Part III. Recording Data for New, Revised, or Suspended Program

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide the current program requirements using ~~strickthrough~~ for deletions and *underlines* for additions.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

New or Revised* Program Text
(*Use ~~strickthrough~~ for deletions and underlines for additions.)

SCIENCE FOR ENGINEERING (A.A.S.)

CIP Code: 14.9999

Program Objectives

Upon completion of this program the graduate will: 1) be able to apply mathematics to analyze problems in the physical sciences; 2) be able to use fundamental physical results, such as conservation laws, to study physical systems; 3) be able to apply analytical techniques to the analysis of structures and/or mechanisms. Additionally, graduates of this program will: 1) be prepared for employment in the engineering technology career in the public or private sector; 2) be prepared for entrance into a B.S. program in engineering or a related field.

Major Requirements 18 hours
PHY 201, 202; MAT 124**, 224.

Supporting Course Requirements 17 hours
Three hours Approved Programming Language*; CHE 111*, 112*, 115*, 116* or 116H*; TEC 190, PHY 221 or CHE 361.

General Education Requirements 24 hours
General Education categories IA, IB, IC, IIIB, IIIA or VII, VA, VB, VC.

University Requirement 1 hour
ASO 100.

Free Electives 4 hours
Chosen with advisor to satisfy major requirements at the chosen engineering school.

Total Curriculum Requirements 64 hours

*Courses meeting general education requirements.

**A preparatory course (MAT 109) in mathematics may be required before admission to MAT 124.