COSMETIC CHANGES ROUND #2

1. College of Arts and Humanities – Department of English and World Languages

   a. Modify the Prerequisite for **ENGL 1013: Composition I**, FROM: Prerequisite: Score of 19 or above on English section of the ACTE; 510 or above on the evaluation based read/writing section of the RSAT; 248 or above on the writing section of ACCUPLACER; or a grade of C or better in ENGL 0203: English as a Second Language, or ENGL 0303: Composition Workshop, or ENGL 0404: Developmental Reading and Writing, or BST 1003: Business English;
   TO: Prerequisite: Score of 19 or above on English section of the ACTE; 500 or above on the evaluation based read/writing section of the RSAT; 251 or above on the writing section of ACCUPLACER; or a grade of C or better in ENGL 0303: Composition Workshop, or BST 1003: Business English.

2. College of Arts and Humanities – Department of History and Political Science

   a. Change the course number for **GEOG 4703: Urban Geography**, TO: GEOG 3603.

3. College of Education and Health – Department of Nursing

   a. Modify the Prerequisite for **NUR 2023: Introduction to Professional Nursing**, FROM: Prerequisite: MATH 1113: College Algebra, and permission of Admission and Progression Committee; TO: Admission to upper division nursing;
   b. Modify the Prerequisite for **NUR 4971: Pharmacology Review**, FROM: Prerequisite: Admission to upper division nursing; TO: Prerequisites: NUR 3402: Pharmacology I, and NUR 3802: Pharmacology II; and modify the course description FROM: One hour credit course that reviews basic pharmacology, medication administration and drug calculations utilizing dimensional analysis; TO: One hour credit course that reviews basic pharmacology, drug calculations utilizing dimensional analysis, drug classifications with emphasis on NCLEX style questions, nursing considerations and safe medication administration. There will be an emphasis on Black Box Warnings, QSEN, patient assessment and patient education related to medication administration. This course is designed as a review of information for the nursing major who has already completed NUR 3402: Pharmacology I and NUR 3802: Pharmacology II; and
   c. Modify the **Curriculum in Master of Science in Nursing Administration and Emergency Management**, as follows: delete the 3 credit hours of general statistics course with a C or better from the Unconditional Admission requirements.

4. College of Education and Health – Department of Emergency Management, Professional Studies, and Student Affairs Administration

   a. Change the title for **LEAD 3003: Leadership Skills Development/Group Dynamics**, TO: Leading Teams; and add the OL cross listing;

b. Change the title for **OL (PS) 3133: Applied Principles of Personnel Management**, TO: Principles of Personnel Management;

c. Change the title for **OL (PS) 3143: Applied Professional Research,** TO: Applied Research;

d. Modify the **Curriculum Minor in Leadership Studies**, as follows: cross-list LEAD 3003: Leadership Skills Development/Group Dynamics, with PS 3003; and add BAS 4353: Project Management, to the list of electives.

5. College of Science, Technology, Engineering, & Mathematics - Department of Engineering & Computing Sciences

a. Change the title for **COMS 1011: Programming I Lab**, TO: Programming Foundations I Lab; and add the NOTES: Offered: Fall, Spring, Summer, and Previously offered as lab portion of COMS 2104: Foundations of Computer Programming I;

b. Change the title for **COMS 1013: Programming I**, TO: Programming Foundations I; and add the NOTES: Offered: Fall, Spring, Summer, and Previously offered as COMS 2104: Foundations of Computer Programming I;

c. Add the NOTE: Offered: Fall, Spring, Summer, TO: **COMS 1333: Web and Mobile Technologies**;

d. Add the NOTE: Offered: Fall, TO: **COMS 2003: Microcomputer Applications**;

e. Modify the NOTE for **COMS 2163: Scripting Languages**, FROM: NOTE: Offered: Spring, TO: NOTE: Offered: Fall, Spring;

f. Change the title for **COMS 2203: Programming II**, TO: Programming Foundations II; and add the NOTE: Offered: Fall, Spring;

g. Add the NOTE: Offered: Fall, Spring, TO: **COMS 2213: Data Structures**;

h. Modify the Prerequisites for **COMS 2223: Computer Organization and Programming**, FROM: Prerequisites: COMS 2203: Programming II, and ELEG 2134: Digital Logic Design; TO: FROM: Prerequisites: COMS 2203: Programming II, and MATH 2703: Discrete Mathematics; and add the NOTE: Offered: Fall, Spring;

i. Delete the Prerequisite: CSEC 1113: Introduction to Networking, FROM: **COMS 2703: Computer Hardware and Architecture**; and add the NOTE: Offered Fall, Spring;

j. Add the NOTE: Offered Spring, TO: **COMS 2713: Survey of Operating Systems**;

k. Add the NOTE: Course previously offered as COMS 4163, TO: **COMS 3313: Software Engineering**;

l. Add the NOTE: Course previously offered as COMS 4313, TO: **COMS 3363: Server Administration**;

m. Add the NOTE: Offered: Spring, TO: **COMS 3373: Data Center Operations**;

n. Add the NOTE: Offered: Fall, TO: **COMS 3413: App Development**;

o. Change the NOTE: Offered: Fall, TO: Offered: Fall, Spring, for **COMS 3703: Advanced Operating Systems**;

p. Change the title for **COMS 4033: Systems Analysis and Design**, TO: Information Systems Analysis and Design;

q. Add the NOTE: Offered: Spring, TO: **COMS 4413: Parallel and Distributed Computing**;

r. Add the NOTE: Offered: Spring, TO: **COMS 4713: Networking Practicum**;

s. Add the NOTE: Offered: As Needed, TO: **COMS 4801: Special Methods in Computer Science Education**; remove the Co-requisite: SEED 4809: Teaching in the Elementary and Secondary School; and modify the course description, FROM: Intensive on-campus exploration of the principles of curriculum construction, teaching methods, use of resources, and evaluation as related to teaching computing. Professional internship will be supervised by a qualified departmental instructor; TO: Exploration of the principles of curriculum construction, teaching methods, use of resources, and evaluation as related to teaching computing;

t. Change the NOTE: Offered: Fall, TO: Offered: As needed, for **COMS 4813: Teaching Methods in Computer Science Education**;

u. Change the title for **COMS 4913: Capstone**, TO: Capstone I; add the NOTE: Offered: Fall, Spring; modify the Prerequisite, FROM: Prerequisite: COMS 4063: IT Project Administration, TO: Prerequisite: Senior standing; and modify the course description, FROM: Skills and knowledge gained throughout the degree culminate in a team-based integrative and intensive learning project. Students will develop a strategic plan and implement a computing-related project for an organization; TO: The first course in a two-course sequence where students will formulate teams, choose a real-world project, create a proposal, and plan the project to be developed in the second course;

v. Change the NOTE: Offered: Fall, TO: Offered: Fall, Spring, for **CSEC 1113: Introduction to Information Systems**;

w. Change the NOTE: Offered: Spring, TO: Offered: Fall, for **CSEC 2213: Network Forensics and Incident Response**;

x. Change the NOTE: Offered: Spring, TO: Offered: Fall, for **CSEC 2223: Virtualization**;

y. Change the NOTE: Offered: Spring, TO: Offered: Fall, for **CSEC 3243: Computer Architecture**; and modify the Prerequisites FROM: Prerequisites: COMS 3703: Advanced Operating Systems, ELEG 2130: Digital Logic Design Lab, and ELEG 2134: Digital Logic Design; TO: COMS 2223: Computer Organization and Programming;

z. Modify the course description for **CSEC 4143: Building Secure Software**, FROM: This course introduces reverse engineering techniques in general and reverse engineering for software specification recovery, malware analysis, and communications in particular. Tools and hands-on lab exercises will be applied to safely perform static and dynamic analysis of software of unknown origin to fully understand the software's functionality, recover the software specification, and discover data used by the software; TO: An overview of the principles and methodologies of secure programming and the techniques involved in creating, debugging, and testing secure software to ensure it is capable of mitigating vulnerabilities;

aa. Add the NOTE: Offered: Fall, TO: **CSEC 4153: Human Factors in Cybersecurity;** and modify the Prerequisite FROM: Prerequisite: CSEC 3223: Programming Embedded Systems; TO: Prerequisite: CSEC 3233: Cyber Defense II;

bb. Change the Note: Offered Spring, TO: Offered: Fall, for **CSEC 4233: Legal Issues in Cybersecurity**; and modify the Prerequisite, FROM: Prerequisite: Junior Standing in CS, IS, IT, or Cybersecurity, TO: Prerequisite: Junior standing in cybersecurity or related degree;

cc. Modify the Prerequisites for **INFT 6303: Design of Web-Based Information Systems**, FROM: Prerequisites: INFT 5203: Database Systems, and INFT 5303: Developing and Administering Web Sites; TO: Prerequisite: INFT 5303: Developing and Administering Web Sites; and

modify the course description FROM: A survey of methods for providing web- based access to data across a network. Common Gateway interface. Use of generation tools for developing web-based forms. Storing form data into a database. Retrieving information from a database and formatting it for presentation through the web and through e-mail. Client-based processing of data. Audio and video mechanisms support; TO: An advanced course in web development using modern scripting languages such as JavaScript;

dd. Modify the course description for **ELEG 4191: Electrical Design Project I**, FROM: First of a two part sequence of courses to complete an independent or group project in electrical engineering design. Emphasis will be placed on designing an electrical system or subsystem with due regard for Safety, environmental concerns, reliability, longevity, ease of manufacture, maintainability, and cost effectiveness. A written and oral report are required; TO: First of a two part sequence of courses to complete a group project in electrical engineering design. Emphasis will be placed on designing an electrical system or subsystem with due regard for Safety, environmental concerns, reliability, longevity, ease of manufacture, maintainability, and cost effectiveness. A written and oral report are required; and modify the course description for **ELEG 4192: Electrical Design Project II**, FROM: Second of a two part sequence of courses to complete an independent or group project in electrical engineering design. Emphasis will be placed on designing an electrical system or subsystem with due regard for Safety, environmental concerns, reliability, longevity, ease of manufacture, maintainability, and cost effectiveness. A written and oral report are required; TO: Second of a two part sequence of courses to complete a group project in electrical engineering design. Emphasis will be placed on designing an electrical system or subsystem with due regard for Safety, environmental concerns, reliability, longevity, ease of manufacture, maintainability, and cost effectiveness. A written and oral report are required;

ee. Modify the Co-requisites for **MCEG 3612: Manufacturing Laboratory**, FROM: Co-requisites: MCEG 3013: Mechanics of Materials, and MCEG 3023: Manufacturing Processes; TO: Co-requisite: MCEG 3023: Manufacturing Processes;

ff. Modify the course description for **MCEG 4491: Mechanical Design Project** I, FROM: First of a two part sequence of courses to complete an independent or group project in mechanical engineering design. Emphasis will be placed on designing a mechanical system or sub-system with due regard for: safety, environmental concerns, reliability, longevity, ease of manufacturing, maintainability, and cost effectiveness. Both a written and oral report are required; TO: First of a two part sequence of courses to complete a group project in mechanical engineering design. Emphasis will be placed on designing a mechanical system or sub-system with due regard for: safety, environmental concerns, reliability, longevity, ease of manufacturing, maintainability, and cost effectiveness. Both a written and oral report are required; and modify the course description for **MCEG 4492: Mechanical Design Project II**, FROM: Second of a two part sequence of courses to complete an independent or group project in mechanical engineering design. Where appropriate, a team approach will be employed. Emphasis will be placed on designing a mechanical system or sub-system with due regard for: safety, environmental concerns, reliability, longevity, ease of manufacturing, maintainability, and cost effectiveness. Both a written and oral report are required; TO: Second of a two part sequence of courses to complete a group project in mechanical engineering design. Where appropriate, a team approach will be employed. Emphasis will

be placed on designing a mechanical system or sub-system with due regard for: safety, environmental concerns, reliability, longevity, ease of manufacturing, maintainability, and cost effectiveness. Both a written and oral report are required;

6. College of Science, Technology, Engineering, & Mathematics - Department of Physical & Earth Sciences

   a. Modify the Prerequisite for **PHYS 4951, 4952, 4953, 4954: Undergraduate Research in Physics**, FROM: Prerequisite: Department approval, TO: Senior standing; and modify the course description, FROM: Advanced students carry out independent research activity relating to a significant problem in a major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made; TO: This course is meant to serve as a culminating experience during Physics and Engineering Physics students' final semester. Supervised by a faculty member, students carry out independent research activities relating to a significant problem that is based on physics and engineering design skills and knowledge acquired in previous coursework, as appropriate. A formal written report and oral presentation are required. One to four credits depending on the problem selected and the effort made.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
English and World Languages	11-15-22

Title	Signature	Date
Department Head Dr. Emily Hoffman	*Emily Hoffman*	11-15-22
Dean Dr. Jeffrey Cass	*Jeffrey Cass*	11/15/22

Course Subject: (e.g., ACCT, ENGL) **ENGL**	Course Number: (e.g., 1003) **1013**

Official Catalog Title: Composition I

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Modify the Prerequisite for ENGL 1013: Composition I, FROM: Prerequisite: Score of 19 or above on English section of the ACTE; 510 or above on the evaluation based read/writing section of the RSAT; 248 or above on the writing section of ACCUPLACER; or a grade of C or better in ENGL 0203: English as a Second Language, or ENGL 0303: Composition Workshop, or ENGL 0404: Developmental Reading and Writing, or BST 1003: Business English;

TO: Prerequisite: Score of 19 or above on English section of the ACTE; **500 or above** on the evaluation based read/writing section of the RSAT; **251 or above** on the writing section of ACCUPLACER; or a grade of C or better in ENGL 0303: Composition Workshop, or BST 1003: Business English.

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.

b. Explain the rationale for the cosmetic course change.
   ADHE provided a new concordance table for equivalencies for SAT and ACCUPLACER. ENGL 0203: English as a Second Language, and ENGL 0404: Developmental Reading and Writing, are no longer taught.
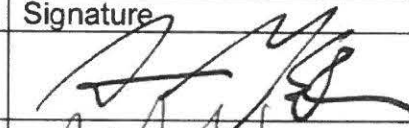
If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Department of History and Political Science	

Title	Signature	Date
Department Head **Aaron McArthur**		11/11/22
Dean **Jeffrey Cass**		11/11/22

Course Subject: (e.g., ACCT, ENGL) **GEOG**	Course Number: (e.g., 1003) **4703**

Official Catalog Title:
Urban Geography

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)
Change the course numbering in the catalog from GEOG 4703 to GEOG 3603

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
     Not Applicable
  b. Explain the rationale for the cosmetic course change.
     The course was originally envisioned as a 4000-level seminar class, but the course has not been taught in that style for several years. It should be described in the catalog as a 3000-level lecture-style course.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.
N/A; Urban Geography is an elective GEOG course with no other dept. effects

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Nursing	8/4/22

Title	Signature	Date
Department Head	*Shelly Daily*	10/ 17/22
Dean	*Linda Bean*	11.21.22

Course Subject: (e.g., ACCT, ENGL) **NUR**	Course Number: (e.g., 1003) **2023**

Official Catalog Title:

NUR 2023: Introduction to Professional Nursing

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Modify the prerequisite- Proposed prerequisite change: Admission to upper division nursing

Answer the following Assessment questions:

a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.

   N/A

b. Explain the rationale for the cosmetic course change.

   The course is only for upper division nursing. The current prerequisite does not specify admission to upper division nursing.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Nursing	9/8/22

Title	Signature	Date
Department Head	Shelly P	10/17/22
Dean	Linda Bean	11.21.22

Course Subject: (e.g., ACCT, ENGL) **NUR**	Course Number: (e.g., 1003) **4971**

Official Catalog Title: **Pharmacology Review**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)
- Modify the prerequisite- From admission to upper division nursing to **Completion of NUR 3402 and NUR 3802**
- Modify the course description-From One hour credit course that reviews basic pharmacology, medication administration and drug calculations utilizing dimensional analysis to **One hour credit course that reviews basic pharmacology, drug calculations utilizing dimensional analysis, drug classifications with emphasis on NCLEX style questions, nursing considerations and safe medication administration. There will be an emphasis on Black Box Warnings, QSEN, patient assessment and patient education related to medication administration. This course is designed as a review of information for the nursing major who has already completed NUR 3402 Pharmacology I and NUR 3802 Pharmacology II.**

Answer the following Assessment questions:
a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
N/A

ARKANSAS TECH UNIVERSITY

COSMETIC PROGRAM CHANGE

Department Initiating Proposal	Date
NURSING	11-16-2022

Title	Signature	Date
Department Head **Shelly Daily, DNP, APRN**	*Shelly Daily*	11/16/22
Dean **Linda Bean, EdD**	*Linda Bean*	11.16.22

PROGRAM TITLE:

Master of Science in Nursing Administration and Emergency Management

Outline change in program: (reorganization of courses listed in matrix, adding a footnote to a course, adding or deleting a course from a list, etc.)

Deleting the 3-credit undergraduate statistics course as a program prerequisite

Answer the following Assessment questions:

    a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **Not applicable**

    b. Explain the rationale for the cosmetic course change. ***The statistics prerequisite has been deleted. It does not affect the MSN program curriculum. This was reported to the Graduate Council on 11-15-2022.***

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

In the attached matrix, include requested changes in the matrix and include course number and title.

Curriculum Matrix for Catalog	
Curriculum in_____ (enter title for program changing)	
Freshman Fall Semester Add/Change: Delete: Total Hours:	Freshman Spring Semester Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: Delete: Total Hours:	Sophomore Spring Semester Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	Junior Spring Semester Add/Change: Delete: Total Hours:
Senior Fall Semester Add/Change: Delete: Total Hours:	Senior Spring Semester Add/Change: Delete: Total Hours:
Total Program Hours_____	

**No changes are being made to the program curriculum*

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
EPS	11/15/22

Title	Signature	Date
Department Head Dr. Sandy Smith	*Sandy M. Smith*	11-17-22
Dean Dr. Linda Bean	*Linda Bean*	11.18.22

Course Subject: (e.g., ACCT, ENGL) **LEAD**	Course Number: (e.g., 1003) **3003**

Official Catalog Title:
Leadership Skills Development/Group Dynamics

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Modify course name to: **LEADING TEAMS** & add the OL Crosslisting

Answer the following Assessment questions:
- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. N/A

- b. Explain the rationale for the cosmetic course change. To simplify the course naming convention and to better align course name with course content. The purpose of the course is to enhance student leadership capacity specific to building and leading teams.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
EPS	11/15/22

Title	Signature	Date
Department Head Dr. Sandy Smith	*Sandy M. Smith*	11-17-22
Dean Dr. Linda Bean	*Linda Bean*	11.18.22

Course Subject: (e.g., ACCT, ENGL) **OL/PS**	Course Number: (e.g., 1003) **3133**
Official Catalog Title: Applied Principles of Personnel Management	

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Modify course name to: **Principles of Personnel Management**

Answer the following Assessment questions:

   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. N/A

   b. Explain the rationale for the cosmetic course change. To simplify the course naming convention and to better align course name with course content. Course covers practical application of personnel management and human resources/organizational development in the private and public sector, as well as the theoretical frameworks from which practices, policies, and procedures are derived. As the course covers both theory and practice, the term "applied" does not convey the full scope of the course.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
EPS	11/15/22

Title	Signature	Date
Department Head Dr. Sandy Smith	*Sandy M. Smith*	11-17-22
Dean Dr. Linda Bean	*Linda Bean*	11.18.22

Course Subject: (e.g., ACCT, ENGL) **OL/PS**	Course Number: (e.g., 1003) **3143**

Official Catalog Title: Applied Professional Research

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Modify course name to: **Applied Research**

Answer the following Assessment questions:

a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. N/A

b. Explain the rationale for the cosmetic course change. To simplify the course naming convention and to better align course name with course content. Applied research is an approach to research with the intent to identify solutions for existing problems. Applied research is useful in organizational settings. As applied research is used in professional settings, inclusion of the word professional in the course title is redundant and adds confusion to the type of research methods covered in the course.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC PROGRAM CHANGE

Department Initiating Proposal	Date
EPS	11/15/22

Title	Signature	Date
Department Head Dr. Sandy Smith	*Sandy M. Smith*	11-17-22
Dean Dr. Linda Bean	*Linda Bean*	11.18-22

PROGRAM TITLE: Leadership ~~Minor~~ Studies Minor

Outline change in program: (reorganization of courses listed in matrix, adding a footnote to a course, adding or deleting a course from a list, etc.)

Add BAS 4353: Project Management to the list of approved upper division electives for leadership minor. *and the OL crosslisting to LEAD3003*

Answer the following Assessment questions:

   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. NA

   b. Explain the rationale for the cosmetic course change. Project management is a growing field. This elective adds to the selection of courses for leadership minor students and offers leadership minor students the opportunity to add knowledge of project management to their skill set.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

In the attached matrix, include requested changes in the matrix and include course number and title.

Curriculum Matrix for Catalog	
Curriculum in: Leadership Minor	
(enter title for program changing)	
Freshman Fall Semester Add/Change: Delete: Total Hours:	**Freshman Spring Semester** Add/Change: Delete: Total Hours:
Sophomore Fall Semester Add/Change: LEAD 3003 to LEAD/OL 3003 Delete: Total Hours:	**Sophomore Spring Semester** Add/Change: Delete: Total Hours:
Junior Fall Semester Add/Change: Delete: Total Hours:	**Junior Spring Semester** Add/Change: Delete: Total Hours:
Senior Fall Semester Add/Change: Delete: Total Hours:	**Senior Spring Semester** Add/Change: Delete: Total Hours:
Total Program Hours_____18_____	

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **1011**

Official Catalog Title: **Programming I Lab**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Change title to --> **Programming Foundations I Lab** Add --> **Offered: Fall, Spring, Summer** Add --> **Previously offered as lab portion of COMS 2104**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

  b. Explain the rationale for the cosmetic course change. **The companion course title (COMS 1013) is being changed (due to having the same name as an inequivalent Ozark campus course); therefore, this lab title must be changed to coordinate with the lecture course.**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **1013**

Official Catalog Title: **Programming I**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Change title to --> **Programming Foundations I** Add --> **Offered: Fall, Spring, Summer** Add --> **Previously offered as COMS 2104**

Answer the following Assessment questions:
   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**
   b. Explain the rationale for the cosmetic course change. **This course title was changed last year, and we did not realize that the Ozark campus has a course with the same title: CIS 1103 Programming I. Their course is not equivalent to ours; we do not accept it as transfer credit. Therefore, the two courses should not have the same title.**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php. **n/a**

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **1333**

Official Catalog Title: **Web and Mobile Technologies**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Add --> **Offered: Fall, Spring, Summer**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

  b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **2003**

Official Catalog Title: **Microcomputer Applications**	

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Add → **Offered: Fall**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

  b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **2163**

Official Catalog Title: **Scripting Languages**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Change to --> **Offered: Fall, Spring**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

  b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **2203**

Official Catalog Title: **Programming II**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Change title to --> **Programming Foundations II** Add --> **Offered: Fall, Spring**

Answer the following Assessment questions:
- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. n/a
- b. Explain the rationale for the cosmetic course change. **This course title was changed last year, and we did not realize that the Ozark campus has a course with the same title: CIS 1203 Programming II. Their course is not equivalent to ours; we do not accept it as transfer credit. Therefore, the two courses should not have the same title.**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.
n/a

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **2213**

Official Catalog Title: **Data Structures**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Add --> **Offered: Fall, Spring**

Answer the following Assessment questions:
a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **2223**

Official Catalog Title: **Computer Organization and Programming**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)   • Delete prereq **ELEG 2134**   • Add prereq **MATH 2703**   • (Leave prereq COMS 2203 in place)   • Change --> **Offered: Fall, Spring**

Answer the following Assessment questions: a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**   b. Explain the rationale for the cosmetic course change. **ELEG 2134 is being deleted from the curriculum. Instructors felt that MATH 2703 knowledge was necessary background for the course.**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.   **n/a - MATH 2703 is already a required course in the CS program**

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **2703**

Official Catalog Title: **Computer Hardware and Architecture**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)   Delete --> **Prerequisites: CSEC 1113**   *(this course will not have any prerequisites)*   Add --> **Offered: Fall, Spring**

Answer the following Assessment questions: a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.   **n/a**   b. Explain the rationale for the cosmetic course change.   **Course instructors agree that this prereq is not necessary to be successful in the course. Removing the prereq will allow students to be more flexible in when they take both courses.**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.   **n/a**

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **2713**

Official Catalog Title: **Survey of Operating Systems**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Add --> **Offered: Spring**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**
 	
  b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **3313**

Official Catalog Title: **Software Engineering**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Add → **Course previously offered as COMS 4163**

Answer the following Assessment questions:
   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**
 	
   b. Explain the rationale for the cosmetic course change. **Clarification**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **3363**

Official Catalog Title: **Server Administration**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Add → **Course previously offered as COMS 4313**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

  b. Explain the rationale for the cosmetic course change. **Clarification**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **3373**

Official Catalog Title: **Data Center Operations**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Add --> **Offered: Spring**

Answer the following Assessment questions:
   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

   b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **3413**

Official Catalog Title: **App Development**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Add --> **Offered: Fall**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

  b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **3703**

Official Catalog Title: **Advanced Operating Systems**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Change to --> **Offered: Fall, Spring**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

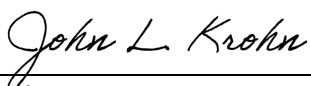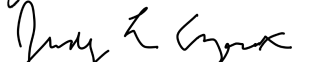 b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	6/27/2022

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	6/27/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	11/11/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **4033**

Official Catalog Title: **Systems Analysis and Design**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)
Change course title to "Information Systems Analysis and Design"

Answer the following Assessment questions:
   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

   b. Explain the rationale for the cosmetic course change. **The Ozark campus has a course with the same title (CIS 1233 Systems Analysis and Design). We need to distinguish the two courses so that they are not confused, because they are not equivalent.**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.
n/a

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **4413**

Official Catalog Title:
Parallel and Distributed Computing

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Add --> **Offered: Spring**

Answer the following Assessment questions:
   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

   b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **4713**

Official Catalog Title:
Networking Practicum

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Add --> **Offered: Spring**

Answer the following Assessment questions:
   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

   b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **4801**

Official Catalog Title: **Special Methods in Computer Science Education**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Add --> **Offered: as needed**
Remove --> **Coreq SEED 4809**
Change description to --> **Exploration of the principles of curriculum construction, teaching methods, use of resources, and evaluation as related to teaching computing.**

Answer the following Assessment questions:
- a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

- b. Explain the rationale for the cosmetic course change. **To clarify offerings and remove on-campus component of course**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **4813**

Official Catalog Title: **Teaching Methods in Computer Science Education**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Change --> **Offered: as needed**

Answer the following Assessment questions:
   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

   b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **COMS**	Course Number: (e.g., 1003) **4913**

Official Catalog Title: **Capstone**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)
Change name to --> **Capstone I**
Add --> **Offered: Fall, Spring**
Change prereq to --> **Senior standing** (remove COMS 4063 prereq)
Change description to --> **The first course in a two-course sequence where students will formulate teams, choose a real-world project, create a proposal, and plan the project to be developed in the second course.**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

  b. Explain the rationale for the cosmetic course change. **Content of course changing slightly since moving to two-course sequence.**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **CSEC**	Course Number: (e.g., 1003) **1113**

Official Catalog Title: **Introduction to Networking**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Change to --> **Offered: Fall, Spring**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**
 	
  b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **CSEC**	Course Number: (e.g., 1003) **2213**

Official Catalog Title: **Network Forensics and Incident Response**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Change to --> **Offered: Fall**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**
 	
  b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **CSEC**	Course Number: (e.g., 1003) **2223**

Official Catalog Title: **Virtualization**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) Change to --> **Offered: Fall**

Answer the following Assessment questions:
   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**
 	
   b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **CSEC**	Course Number: (e.g., 1003) **3243**

Official Catalog Title:
Computer Architecture

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Change to --> **Offered: Fall**
Remove prereq --> **ELEG 2134/2130, COMS 3703**
Add prereq --> **COMS 2223**

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

  b. Explain the rationale for the cosmetic course change. **To clarify offerings**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **CSEC**	Course Number: (e.g., 1003) **4143**

Official Catalog Title: **Building Secure Software**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Change description to --> **An overview of the principles and methodologies of secure programming and the techniques involved in creating, debugging, and testing secure software to ensure it is capable of mitigating vulnerabilities.**

Answer the following Assessment questions:
   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable. **n/a**

   b. Explain the rationale for the cosmetic course change. **Improved course description to describe what's actually taught in the course**

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **CSEC**	Course Number: (e.g., 1003) **4153**

Official Catalog Title: **Human Factors in Cybersecurity**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)
- Change prereq from CSEC 3223 to **CSEC 3233**
- Add --> **Offered: Fall**

Answer the following Assessment questions:
a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
   n/a
b. Explain the rationale for the cosmetic course change.
   Prereq course number was mistyped last year when this course was created

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.
n/a

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L. Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **CSEC**	Course Number: (e.g., 1003) **4233**

Official Catalog Title: **Legal Issues in Cybersecurity**

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description) • Change offering to --> **Offered: Fall** • Change prereq to--> **Junior standing in cybersecurity or related degree**

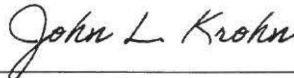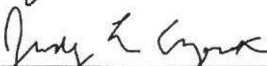| Answer the following Assessment questions:
a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
n/a
b. Explain the rationale for the cosmetic course change.
Course was moved last year to Fall term but catalog was not updated. |
|---|

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php. n/a

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Engineering and Computing Sciences	

Title	Signature	Date
Department Head **Dr. John Krohn**	*John L Krohn*	12/2/2022
Dean **Dr. Judy Cezeaux**	*Judy L Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL)	Course Number: (e.g., 1003)
INFT	**6303**

Official Catalog Title:
Design of Web-Based Information Systems

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description):
Delete prereqs: INFT 5203   **Change course description:** An advanced course in web development using modern scripting languages such as JavaScript

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
     N/A
  b. Explain the rationale for the cosmetic course change.
     One of the prerequisite courses was dropped since it was no longer needed. The course description has been updated to reflect changes in technology.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.
N/A

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal		Date
Engineering and Computing Sciences		12/2/2022

Title	Signature	Date
Department Head	*John L. Krohn*	12/2/2022
Dean	*Judy L. Cezeaux*	12/2/2022

Course Subject: (e.g., ACCT, ENGL) **ELEG** **ELEG**	Course Number: (e.g., 1003) **4191** **4192**

Official Catalog Title:
ELECTRICAL DESIGN PROJECT I
ELECTRICAL DESIGN PROJECT II

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)
In the course descriptions for both courses, make the following change:
"…complete an independent or group project in electrical…."
Changes to: "…complete a group project in electrical…"

Answer the following Assessment questions:
    a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
        This two course sequence fulfills an ABET accreditation requirement
    b. Explain the rationale for the cosmetic course change.
        The department's assessment plan is based on the senior capstone design project being completed as a group project. This change will remove any expectation of students that they may do an individual project.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal		Date
Engineering and Computing Sciences		12/2/2022

Title	Signature	Date
Department Head	*John L. Krohn*	12/2/2022
Dean	*Judy L. Cezeaux*	12/8/2022

Course Subject: (e.g., ACCT, ENGL) **MCEG**	Course Number: (e.g., 1003) **3612**

Official Catalog Title:
MANUFACTURING LABORATORY

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)
Delete the co-requisite: MCEG 3013 Mechanics of Materials

Answer the following Assessment questions:
  a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
  n/a
  b. Explain the rationale for the cosmetic course change.
  MCEG 3013 is a prerequisite for the remaining co-requisite, MCEG 3023 and thus creates registration difficulties when listed as a co-requisite here

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal		Date
Engineering and Computing Sciences		12/2/2022

Title	Signature	Date
Department Head	*John L Krohn*	12/2/2022
Dean	*[signature]*	12/8/2022

Course Subject: (e.g., ACCT, ENGL)	Course Number: (e.g., 1003)
MCEG	**4491**
MCEG	**4492**

Official Catalog Title:
MECHANICAL DESIGN PROJECT I
MECHANICAL DESIGN PROJECT II

Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)
In the course descriptions for both courses, make the following change:
"…complete an independent or group project in mechanical…."
Changes to: "…complete a group project in mechanical…"

Answer the following Assessment questions:
a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
   This two course sequence fulfills an ABET accreditation requirement
b. Explain the rationale for the cosmetic course change.
   The department's assessment plan is based on the senior capstone design project being completed as a group project. This change will remove any expectation of students that they may do an individual project.

ARKANSAS TECH UNIVERSITY

COSMETIC COURSE CHANGE

Department Initiating Proposal	Date
Physical and Earth Sciences	11/17/2022

Title	Signature	Date
Department Head		
Dean		

Course Subject: (e.g., ACCT, ENGL) **PHYS**	Course Number: (e.g., 1003) **495X**

Official Catalog Title: **Undergraduate Research in Physics**
Describe the change you want to make: (e.g., delete the prerequisite, modify the course description)

Change the name and modify the course description as follows:

Physics / Engineering Physics Capstone
Offered: On demand
Prerequisite: Senior Standing
This course is meant to serve as a culminating experience during Physics and Engineering Physics students' final semester. Supervised by a faculty member, students carry out independent research activities relating to a significant problem that is based on physics and engineering design skills and knowledge acquired in previous coursework, as appropriate. A formal written report and oral presentation are required. One to four credits depending on the problem selected and the effort made. |
| Answer the following Assessment questions:
   a. If this course is mandated by an accrediting or certifying agency, include the directive. If not, state not applicable.
       This course is required for ABET accreditation to meet criterion 5 |

b. Explain the rationale for the cosmetic course change.
The language of the new name and course description will align more closely with ABET's requirement that a "culminating experience" be part of the program's curriculum.

If this course will affect other departments, a Departmental Support Form for each affected department must be attached. The form is located on the Curriculum forms web page at http://www.atu.edu/registrar/curriculum_forms.php.