

- 960 Media and Technology**
 Spring. 3(3-0) Interdepartmental with Telecommunication; Journalism. Administered by Department of Telecommunication, Information Studies and Media. R: Open only to Ph.D. students in Communication Arts and Sciences-Mass Media or Communication or approval of department.
 Theoretical frameworks concerning media and communication processes, and their interactions with technology. Social, organizational, critical, and economic perspectives.
- 965 Media Economics**
 Spring. 3(3-0) Interdepartmental with Telecommunication; Journalism. Administered by Department of Telecommunication, Information Studies and Media. R: Open only to Ph.D. students in Communication Arts and Sciences-Mass Media or Communication or approval of department.
 Economic theory and analysis relevant to the mass media. Economic structure and performance of mass media and advertising industries. Competition among media and within related industries.
- 975 Quantitative Research Design**
 Fall. 3(3-0) Interdepartmental with Journalism; Telecommunication. RB: One graduate-level research design or statistics course. R: Open only to Ph.D. students in Mass Media.
 Survey, experimental and content-analytic techniques applied to the study of media. Academic and applied research methods. Univariate and multivariate techniques.

AEROSPACE STUDIES AS

Department of Aerospace Studies Office of the Provost

- 111 Foundation of the United States Air Force I**
 Fall. 1(1-2)
 Introduction to the U.S. Air Force today. Mission and organization; group leadership problems; introduction to communication skills. Leadership laboratory.
- 112 Foundation of the United States Air Force II**
 Spring. 1(1-2)
 Introduction to the U.S. Air Force today. Officership and professionalism; group leadership problems; introduction to communication skills. Leadership laboratory.
- 211 The Evolution of USAF Air and Space Power I**
 Fall. 1(1-2)
 Air Force heritage. Evolution of air power concepts and doctrine; introduction to ethics and values; introduction to leadership; continuing application of communication skills. Leadership laboratory.
- 212 The Evolution of USAF Air and Space Power II**
 Spring. 1(1-2)
 Air Force leaders. Role of technology in the growth of air power; introduction to Quality Air Force; group leadership problems; continuing application of communication skills. Leadership laboratory.

- 321 Air Force Leadership Studies I**
 Fall. 3 to 4 credits.
 Communication, management, and ethical skills for Air Force officers. Emphasizes standards and professionalism in the modern officer corps. Leadership laboratory required for AFROTC cadets.
- 322 Air Force Leadership Studies II**
 Spring. 3 to 4 credits. RB: (AS 321)
 Leadership theory, traditional Air Force management functions, and current practices. Emphasizes the application of leadership concepts by junior officers. Leadership laboratory required for AFROTC cadets.
- 421 National Security Affairs**
 Fall. 3 to 4 credits. RB: (AS 322)
 Formation and implementation of defense policy and strategy. Bureaucratic interplay and impact of nuclear technology. Investigation of current defense issues. Leadership laboratory required for AFROTC cadets.
- 422 National Security Affairs and Preparation For Active Duty**
 Spring. 3 to 4 credits. RB: (AS 421)
 Role of the professional officer in a democratic society. Global security issues. Military justice and the laws of war. Leadership laboratory required for AFROTC cadets.
- 490 Independent Study**
 Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. R: Open only to juniors and seniors. Approval of department.
 Investigation of a particular aspect of aerospace studies.

AFRICAN LANGUAGES AFR

Department of Linguistics and Germanic, Slavic, Asian and African Languages College of Arts and Letters

- 101A Elementary Swahili I**
 Fall. 4(4-1)
 Speaking, reading, and writing Swahili, with emphasis on developing oral proficiency.
- 101B Elementary African Language I**
 Fall. 4(4-1)
 African language at the elementary level. Speaking, reading, and writing, with emphasis on developing oral proficiency skills. Specific language varies.
- 102A Elementary Swahili II**
 Spring. 4(4-1) RB: (AFR 101A) or approval of department.
 Further work on speaking, reading, and writing Swahili, with continued emphasis on developing oral proficiency skills.
- 102B Elementary African Language II**
 Spring. 4(4-1) R: Approval of department.
 Further work on speaking, reading, and writing an African language, with continued emphasis on developing oral proficiency skills.
- 151 Beginning Individualized African Language I**
 Fall. 4(4-1) R: Approval of department.
 Individualized study of an African language at the elementary level. Speaking, reading, and writing, with emphasis on developing oral proficiency skills.
- 152 Beginning Individualized African Language II**
 Spring. 4(4-1) R: Approval of department.
 Further individualized work on speaking, reading, and writing an African language, with continued emphasis on developing oral proficiency skills.
- 201A Second Year Swahili I**
 Fall. 4(4-1) P: (AFR 102A)
 Intermediate-level work on speaking, reading, and writing Swahili, with emphasis on developing oral proficiency skills.
- 201B Second Year African Language I**
 Fall. 4(4-1) R: Approval of department.
 Intermediate-level work on speaking, reading, and writing an African language, with continued emphasis on developing oral proficiency skills.
- 202A Second-Year Swahili II**
 Spring. 4(4-1) P: (AFR 201A)
 Further intermediate-level work on speaking, reading, and writing Swahili, with continued emphasis on developing oral proficiency skills.
- 202B Second-Year African Language II**
 Spring. 4(4-1) R: Approval of department.
 Further intermediate-level work on speaking, reading, and writing an African language, with continued emphasis on developing oral proficiency skills.
- 251 Intermediate Individualized African Language I**
 Fall. 4(4-1) R: Approval of department.
 Intermediate-level individualized work on speaking, reading, and writing an African language, with emphasis on developing oral proficiency skills.
- 252 Intermediate Individualized African Language II**
 Spring. 4(4-1) R: Approval of department.
 Further intermediate-level individualized work on speaking, reading, and writing an African language, with continued emphasis on developing oral proficiency skills.
- 290 Independent Study**
 Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department.
 Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
- 450A Advanced Swahili**
 Fall, Spring. 1 to 5 credits. A student may earn a maximum of 20 credits in all enrollments for this course. RB: (AFR 202A)
 Advanced study of Swahili. Speaking, reading, and writing, with emphasis on developing oral proficiency skills.
- 450B Advanced African Language**
 Fall, Spring. 1 to 5 credits. A student may earn a maximum of 24 credits in all enrollments for this course. R: Approval of department.
 Advanced study of an African language. Speaking, reading, and writing, with emphasis on developing oral proficiency skills. Language varies.