

# Air Science

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## Courses

### ***AERO 1001 The Air Force Today: 2 semester hours***

Introduction to contemporary military issues and overall Air Force structure. Professionalism, human rights, and civilian-military relationships are stressed. Leadership laboratory activities designed to develop leadership potential, and includes military customs and courtesies, drill and ceremonies and base visitations.

### ***AERO 1002 The Air Force Today: 2 semester hours***

Continuation of AERO 1001. Includes strategic offensive and defense forces, general purpose forces, aerospace support forces, and relationships with U.S. Army forces. Individual communicative skills emphasized.

### ***AERO 1500 Leadership Laboratory: 0 semester hours***

Prerequisites: Students must be enrolled in an AERO course. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop each student's leadership potential. Course work includes a study of Air Force customs and courtesies, drill and ceremonies, career opportunities in the Air Force, and the life and work of an Air Force junior officer. Students develop their leadership potential in a practical, supervised laboratory, which typically includes field trips to Air Force installations throughout the United States. This course is generally taught at St. Louis University. It is required for all AF ROTC students.

### ***AERO 2001 The Air Force Way: 2 semester hours***

### ***AERO 2002 The Air Force Way: 2 semester hours***

### ***AERO 3001 Air Force Management and Leadership: 3 semester hours***

Integrated management course emphasizing the individual as a manager in air force milieu. Motivational and behavioral processes, leadership, communication, and group dynamics covered for development of the junior officer's professional skills as an Air Force officer. Basic managerial processes involving decision-making, utilization of analytic aids in planning, organizing and controlling in a changing environment are emphasized as professional concepts. Classroom activity, three hours per week; leadership laboratory, one hour per week.

### ***AERO 3002 Air Force Management and Leadership: 3 semester hours***

Continuation of AERO 3001. Includes organizational and personal values, management of forces in change, organizational power, politics, and managerial strategy and tactics within context of the military organization. actual Air Force cases used to enhance learning and communication processes. Classroom activity, three hours per week; leadership laboratory, one hour per week.

### ***AERO 4001 National Security Forces in Contemporary American Society: 3 semester hours***

The armed forces as an integral element of society; American civil-military relations; environmental context in which U.S. defense policy is formulated and implemented; societal attitudes toward the military leader-manager in a democratic society; fundamental values and socialization processes associated with the armed services. Individual and group oral and written reports. Classroom activity, three hours per week; leadership laboratory, one hour per week.

### ***AERO 4002 National Security Forces in Contemporary American Society: 3 semester hours***

Continuation of AERO 4001. Requisites for maintaining adequate national security forces; political, economic and social constraints on the national defense structure; impact of technological and international developments on strategic preparedness; formulation and implementation of national security policy. Classroom activity, three hours per week; leadership laboratory, one hour per week.