![Government & Public Administration logo]

Government and Public Administration: National Security
Career Pathway Plan of Study for ▶Learners ▶Parents ▶Counselors ▶Teachers/Faculty

*This Career Pathway Plan of Study (based on the National Security Pathway of the Government and Public Administration Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. *This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.*

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/or Degree Major Courses for National Security Pathway	SAMPLE Occupations Relating to This Pathway
		Interest Inventory Administered and Plan of Study Initiated for all Learners						
SECONDARY	9	English/ Language Arts I	Algebra I	Earth or Life or Physical Science	State History Civics	All plans of study should meet local and state high school graduation requirements and college entrance requirements. Certain local student organization activities are also important including public speaking, record keeping and work-based experiences.	• World Concepts and Themes • Geography	▶Agent/Specialist ▶Airborne Warning/Control Specialist ▶Combat Aircraft Pilot/Crew ▶Combat Control Officer ▶Combat Engineer ▶Cryptographer ▶Intelligence Analyst ▶Intelligence/Counter-Intelligence ▶National Security Advisor ▶Officer/Specialist: • Artillery • Combat Operations • Electronic Warfare Operations • Military Intelligence • Missile and Space Systems • Munitions • Nuclear Weapons • Signals Intelligence • Special Forces ▶Staff or Field Officer ▶Submarine Officer ▶Surface Ship Warfare Officer
	10	English/ Language Arts II	Geometry	Biology	U.S. History		• Information Technology Applications	
	11	English/ Language Arts III Foreign Language I	Algebra II or Fundamentals of Statistics	Chemistry or Forensic Science	World History Sociology		• American Government and Comparative Political Systems	
		College Placement Assessments-Academic/Career Advisement Provided						
	12	English/ Language Arts IV Foreign Language II	Trigonometry or other math course	Physics or Geospatial Information Systems	Psychology Problems of Democracy		• Principles of Governance and Public Administration • Internship Experience Recommended	
		Articulation/Dual Credit Transcripted-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.						
POSTSECONDARY	Year 13	English Composition Foreign Language I	Algebra Calculus	Chemistry Environmental Science	American Government	All plans of study need to meet learners' career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	• Introduction to National Security • Ethics and Law in National Security	
	Year 14	Speech/ Oral Communication Foreign Language II		Biological Science or Botany	American History Geography		• Intelligence Operations • Safety Issues of National Security • Principles of Management	
	Year 15			Forensics	Political Science World Cultures		• Continue Courses in the Area of Specialization • Community Service or Foreign Service Experience Recommended	
	Year 16	Continue courses in the area of specialization.					• Complete National Security Major (4-Year Degree Program)	

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Creating Your Institution's Own Instructional Plan of Study

With a team of partners (secondary/postsecondary teachers and faculty, counselors, business/industry representatives, instructional leaders, and administrators), use the following steps to develop your own scope and sequence of career and technical courses as well as degree major courses for your institution's plan of study.

1 Crosswalk the Cluster Foundation Knowledge and Skills (available at **http://www.careerclusters.org/goto.cfm?id=88**) to the content of your existing secondary and postsecondary programs/courses.

2 Crosswalk the Pathway Knowledge and Skills (available at **http://www.careerclusters.org/goto.cfm?id=31**) to the content of your existing secondary/postsecondary programs and courses.

3 Based on the crosswalks in steps 1 and 2, determine which existing programs/courses would adequately align to (cover) the knowledge and skills. These programs/courses would be revised to tighten up any alignment weaknesses and would become a part of a sequence of courses to address this pathway.

4 Based on the crosswalks in steps 1 and 2, determine what new courses need to be added to address any alignment weaknesses.

5 Sequence the **content** and **learner outcomes** of the existing programs/courses identified in step 3 and new courses identified in step 4 into a course sequence leading to preparation for all occupations within this pathway. (See list of occupations on page 1 of this document.)

6 The goal of this process would be a series of courses and their descriptions. The names of these courses would be inserted into the *Career and Technical Courses* column on the Plan of Study on page 1 of this document.

7 Below is a **sample result** of steps 1-6, and these course titles are inserted into the Plan of Study on page 1 of this document.

8 Crosswalk your state academic standards and applicable national standards (e.g., for mathematics, science, history, language arts, etc.) to the sequence of courses formulated in step 6.

Government and Public Administration: National Security
SAMPLE Sequence of Courses for ▶ Instructional Leaders ▶ Administrators ▶ Counselors ▶ Teachers/Faculty

Below are suggested courses that could result from steps 1-6 above. However, as an educational institution, course titles, descriptions and the sequence will be your own. This is a good model of courses for you to use as an example and to help you jump-start your process. <u>Course content may be taught as concepts within other courses, or as modules or units of instruction.</u>

The following courses are based on the Cluster Foundation Knowledge and Skills found at http://www.careerclusters.org/goto.cfm?id=88. These skills are reinforced through participation in student organization activities.

#1

World Concepts and Themes: This semester course will provide a foundation for all other social studies courses. Fundamental concepts and themes from various political, social and economic systems will be examined using specific historical events from the mid-18th century to the present. Emphasis will be on establishing the skills to critically analyze and interpret events from various time periods and regions and on how these events help shape the modern, global world in which we live.

#2

Geography: This semester course helps students develop broad geographic skills. In addition to learning the basics of world geography, students will learn how economics, culture, history and political issues all influence geography, and how geography influences other disciplines.

The following courses are based on the Cluster Foundation Knowledge and Skills as well as the Pathway Knowledge and Skills found at http://www.careerclusters.org/goto.cfm?id=31. These skills are reinforced through participation in student organization activities.

#3

Information Technology Applications: Students will use technology tools to manage personal schedules and contact information, create memos and notes, prepare simple reports and other business communications, manage computer operations and file storage, and use electronic mail, GIS and Internet applications to communicate, search for and access information.

#4

American Government and Comparative Political Systems: This course is designed to give students an analytical description of government and politics in the United States and provide students with an understanding of working political systems different from that of the United States. This course involves the study of concepts used to interpret U.S. politics as well as exposure to concepts and theories used to explain comparative political phenomena. Students will be familiar with the institutions, groups, beliefs, cultures and ideas that comprise the U.S. political system.

#5

Principles of Governance and Public Administration: This course stresses important principles of governance including use of appropriate communication formats to facilitate the flow of ideas and information among various levels of government and the public being served, application of democratic principles in the process of governmental and administrative policy making to achieve the public will, and implementation of plans and policies to respond to public health, safety and environmental needs. Students will also learn what it takes to lead a government or public administration agency, learn to develop an organization vision and strategic plan, learn about practices necessary to meet legal and ethical requirements to meet the public's expectation for government and public administration, and learn how to administer human, financial, material and information resources in a manner that instills public trust. Students will develop a career plan to obtain employment and advance in government and public administration. An internship experience is recommended.

The following courses expose students to Pathway Knowledge and Skills found at http://www.careerclusters.org/goto.cfm?id=31 and should include appropriate student activities.

#6

Introduction to National Security: This course focuses on strategies to develop and implement courses to train persons who will perform tasks relating to national security. Students will learn to recognize the appropriate duties, responsibilities and authority of organization personnel at all levels to facilitate maximum utilization of human resources and effective communication and communications systems.

#7

Ethics and Law in National Security: Students will develop leadership skills necessary to ensure compliance with rules of engagement and other applicable ethical standards. Students will study ethical issues raised by current events and discuss actions they would take to remove violators from engagement and cause enforcement of disciplinary action as prescribed by applicable law.

#8

Intelligence Operations: Students will collect and analyze information from within and outside the United States to assess opportunities and threats relevant to national security. Students will learn to translate and analyze elements indicative of intent, plans including finance, and operations of potentially hostile governments, groups or individuals.

#9

Safety Issues of National Security: The focus of this course is on preparing and coordinating strategies to defend against effects of chemical, biological, nuclear or other crisis events. Students will learn to use information, equipment and tactics to defend themselves and other persons and resources from effects of these events.

#10

Principles of Management: This course is designed to introduce the processes of planning, controlling, leading, staffing and motivating employees in order to accomplish organizational goals. Emphasis is placed on principles of management, human relations and development, and on how to make these principles work in the organization.