



Chemical



Year Group 2017

INTELLIGENCES: Interpersonal, Linguistic, Logical-Mathematical

SKILLS: Chemical, Biological, Radiological, and Nuclear (CBRN) Officers must be articulate, effective, and concise communicators with their commands. The diverse nature of the organizations they support also requires these officers to possess broad knowledge of all branches and understand how CBRN defense capabilities can assist those branches. CBRN Officers must possess resident expert knowledge and conceptual understanding to process vast amounts of information in order to prioritize and act on that information. The destructive potential of CBRN threats that units confront demands that CBRN Officers possess the ability to analyze difficult situations and provide clear solutions to complicated scenarios. The scope and geographically-dispersed nature of the threats they combat require an ability to utilize the latest technologies in order to counter the threat posed from weapons of mass destruction (WMD) and hazardous materials (HAZMAT) to ensure that our nation wins in a complex world.

KNOWLEDGE: The Chemical branch strongly desires officers with academic backgrounds in the domain-specific disciplines listed below, with particular emphasis on science, technology, engineering and math (STEM). These disciplines provide officers with a foundation in the science of CBRN threats and the experience of solving complex problems.

- **RELEVANT EDUCATION:** Applied Sciences & Engineering; Biology; Chemical Engineering; Chemistry; Emergency Management; General Engineering; General Sciences; Life Sciences; Math; Meteorology; Microbiology; Nuclear Engineering; Nuclear Physics; Acquisition / Contract Management; Physical Sciences, Emergency and Disaster Management, and Homeland Security (not all inclusive).
- **RELEVANT TRAINING / EXPERIENCE:** Cadet Troop Leading Time / Leader Development Time (CTLT / CLDT) with Chemical Unit; Leadership Position in Science-Related Club; Academic Enrichment Program in chemical (or related field) research activities (not all inclusive).

BEHAVIORS: (In addition to foundational)

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| ➤ ADAPTABLE | ➤ COLLABORATIVE | ➤ DILIGENT | ➤ FLEXIBLE |
| ➤ AGILE | ➤ COMMITTED | ➤ DISCIPLINED | ➤ HARD WORKING |
| ➤ ALERT | ➤ CONFIDENT | ➤ PRECISE | ➤ INNOVATIVE |
| ➤ ASSERTIVE | ➤ CRITICALLY THINKING | ➤ EXPERT | ➤ PROACTIVE |
| ➤ AWARE | ➤ DETAIL FOCUSED | ➤ FIT (PHYS / MENT) | ➤ PROBLEM SOLVING |
| | | | ➤ STRESS TOLERANT |

TALENT PRIORITIES:

1. **COMMUNICATOR:** Precise, efficient, and compelling in both written and spoken word.
2. **DOMAIN-SPECIFIC EDUCATION:** Focus on relevant disciplines listed above, with an emphasis on science, technology, engineering, and math (STEM) disciplines.
3. **PROBLEM SOLVER:** Able to choose between best practices and unorthodox approaches to reach a solution. Accomplishes the task.
4. **INTERPERSONAL:** Skilled in developing appropriate relationships. Able to connect with others to effect positive results.
5. **PERCEPTIVE:** Effectively discerns the deeper meaning or significance of one's observations (e.g. events, people, communication).
6. **MULTI-TASKER:** Rapidly processes and prioritizes multiple demands simultaneously. Takes appropriate action.