

SHARED LEARNING OUTCOMES - To meet the Institute's mission, the curriculum is designed to achieve a series of learning outcomes organized in five tiers. Tier One are the top level, primary outcomes derived from the Mission Statement; Tier Two are more concise interdisciplinary and interdependent outcomes further defining the Tier One; Tier Three support Tier Two by providing demonstrable characteristics, attributes or capabilities at the department level, Tier Four continue this process at the course level; and Tier Five describe the assessment instrument or measurables.

Tier One: Possess and Exercise Fundamental Knowledge of the Human and Physical Worlds

Tier Two: Cadets who ...

1. demonstrate knowledge of an interdependent global community
2. demonstrate quantitative literacy
3. demonstrate information literacy
4. demonstrate written communication
5. demonstrate oral communication
6. demonstrate sound reasoning and problem solving skills as a foundation for critical thinking
7. apply technology in a variety of contexts
8. explain the basic principles of the mathematical, physical, social and scientific worlds
9. demonstrate knowledge of leadership models
10. demonstrate the skills necessary for continued learning

Tier One: Internalize Uncompromising Character

Tier Two: Cadets who ...

1. demonstrate the skills necessary for cultural & ethnic diversity
2. demonstrate the capacity to lead others, "the application of character, presence, intellect and abilities while guiding others toward a common goal and mission accomplishment"
3. demonstrate the capacity to develop, "taking actions to foster team work, encourage initiative, and to accept personal responsibility, while demonstrating care," "guiding others toward a common goal and mission accomplishment"
4. demonstrate the capacity to achieve, "sets objectives and focuses on mission accomplishment"¹
5. demonstrate NMMI values
6. demonstrate being a leader with presence
7. demonstrate being a leader with Intellectual Capacity

Tier One: *Develop and then maintain an appropriate level of Physical Fitness*

Tier Two: Cadets who ...

1. integrate psychomotor, cognitive and affective skills necessary for life-long health and wellness as related to the individual, organizational and global environments
2. demonstrate skills and attributes necessary for present and future individual physical performance demands
3. demonstrate in team and/or group settings the attitudes and behaviors relative to all aspects of leadership, including followership, in a variety of physically challenging environments
4. demonstrate their ability to plan, create, and execute wide ranging activities, for individuals and groups, in physically challenging environments with regard to research based strategic, social, technical, motivational, and safety considerations

List of Department Outcomes - Tier Three Outcomes

Department of Art

- 1: Develop ability to identify art work and different movements
 - 2: Analysis of composition
 - 3: Analysis of influences
 - 4: Analysis of color/symbolic reference
 - 5: Comprehension of historical impact
 - 6: Artistic influences in today's culture
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Department of Athletics

- 1: Demonstrate familiarity with basic content and concepts in Health Literacy
 - 2: Identify and use Lifetime Sports skills to perform, demonstrate, and carry out observable skills in mechanical Anatomy
 - 3: Demonstrate the ability to accomplish tasks using the fundamental principals of Teamwork
 - 4: Participate in a program which exhibits the principals of good Work Ethic for an extended period of time
 - 5: Demonstrate Lifetime Health and wellness habits to solve problems in a variety of context
 - 6: Through Leadership Display the ability to motivate a group of individuals toward a collective outcome
 - 7: Comprehensive knowledge base pertinent to HPE and Athletics
 - 8: Apply sound critical thinking and sound decision making skills in Health, Wellness, and sport.
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Department of Business Administration

- 1: Utilize current technologies for research, individualized learning, and preparation of assignments.
 - 2: Recognize the role of ethics, and social responsibility within the business community, society and government.
 - 3: Demonstrate critical and reflective thinking, problem solving and analysis.
 - 4: Demonstrate leadership, interpersonal relationship skills, and teamwork to function in a multi-cultural global business setting.
 - 5: Utilize and demonstrate fundamental knowledge and skills associated with functional areas of business to make effective business decisions.
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List of Department Outcomes - Tier Three Outcomes

Department of Communication

- 1: Demonstrate ability to listen for essential information and meaning.
 - 2: Demonstrate ability to speak clearly, coherently, and relevantly to a small audience.
 - 3: Demonstrate ability to gather materials and synthesize knowledge.
 - 4: Demonstrate ability to evaluate sources for use as evidence and correctly cite those sources.
 - 5: Demonstrate ability to evaluate logic and reasoning.
 - 6: Demonstrate ability to write clear and standard English sentences.
 - 7: Demonstrate ability to work effectively in groups.
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Department of Corps of Cadets

- 1: Know and live by NMMI standards of conduct and personal appearance
 - 2: Demonstrate self-control, self-discipline and personal accountability
 - 3: Adhere to the Honor Code, displaying ethical and moral behavior
 - 4: Become a productive and supportive team member
 - 5: Embrace respect and consideration for others
 - 6: Develop excellent time management skills and an eye for attention to detail
 - 7: Demonstrate respect for authority, military bearing and social etiquette
 - 8: Demonstrate positive character development and personal integrity
 - 9: Successfully live in a shared community environment, develop a healthy lifestyle and habits
 - 10: Make the right choices and avoid high risk behavior
 - 11: Demonstrate knowledge of NMMI customs and traditions
 - 12: Become a positive leader with an understanding of authority, responsibility and accountability
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Department of Criminal Justice

- 1: Graduates who are confident enough to work independently in the pursuit of academic excellence.
 - 2: Graduates who possess and demonstrate integrated understanding of a comprehensive body of substantive knowledge.
 - 3: Graduates who exhibit sound reasoning capacities and an attitude of healthy skepticism reflected in critical thinking.
 - 4: Graduates who demonstrate effective oral and written communication skills.
 - 5: Graduates who exercise refined learning techniques.
 - 6: Graduates who make extensive use of changing technology.
 - 7: Graduates who reflect an appreciation for the fine arts, music, drama, literature and creative spirit.
 - 8: Graduates who understand and respect cultural and ethnic diversity
 - 9: Graduates who manifest continued intellectual inquisitiveness.
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List of Department Outcomes - Tier Three Outcomes

Department of English

1: Students will analyze and evaluate oral and written communication in terms of situation, audience, purpose, aesthetics, and diverse points of view. (Students should understand, appreciate and critically evaluate a variety of written and spoken messages in order to make informed decisions.)

2: Students will employ writing processes such as planning, collaborating, organizing, composing, revising, and editing to create materials using correct diction, syntax, grammar and mechanics. (Students should use standard processes for generating documents or oral presentations independently and in small groups.)

3: Students will express a primary purpose in a compelling statement and order supporting points logically and convincingly. (Students should organize their thinking to express viewpoints clearly, concisely and effectively.)

4: Students will integrate research correctly and ethically from credible sources to support the primary purpose of any scholastic product. (Students should gather legitimate information to support ideas without plagiarizing, misinforming or distorting.)

5: Students will use effective rhetorical strategies to persuade, inform and engage an audience. (Students should use the best means to deliver a particular message to a particular audience. Rhetorical strategies include but are not limited to modes (such as narration, description, and persuasion), genres (essays, web pages, reports, proposals), media and technology (PowerPoint, electronic writing), and graphics (charts, diagrams, formats).

6: Grammar

Department of Foreign Language

1: Exhibit ability to understand, speak, read, and write in the target language

2: Demonstrate knowledge of the geography and culture of the countries using the target language.

3: Demonstrate knowledge of verb conjugation in the target language

4: Employ modern technology in language use and study of the culture

5: Exhibit the ability to use resources such as charts and dictionaries

6: Use Knowledge from the target language to improve in other courses.

7: Exhibit the learning skills necessary to succeed in foreign languages (high school version)

Department of Leadership and Behavioral Science

1: Display appropriate level of core knowledge from Leadership and Behavioral Science

2: Employ academic skills, demonstrate increased competency in computers and technology

3: Demonstrate using an analytical process why Leadership, Behavior Science events/concept are meaningful

4: Demonstrate knowledge and application of the Army's "Be, Know, Do" doctrine.

5: Demonstrate increased ability to make ethical decisions

6: Demonstrate increased understanding of diversity and connection between local and Global communities

List of Department Outcomes - Tier Three Outcomes

Department of Mathematics

- 1: Exhibit ability to do fundamental mathematics.
 - 2: Demonstrate mathematical knowledge and skills beyond fundamental arithmetic.
 - 3: Demonstrate mathematical models to solve problems in a variety of contexts.
 - 4: Employ current technology for individualized learning, problem solving, and the preparation of assignments.
 - 5: Comprehend the concept of functions in mathematics.
 - 6: Feel confident in their use of mathematics in other disciplines.
 - 7: Exhibit the learning skills necessary to succeed in mathematics.
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Department of Music

- 1: Cadets will exhibit the possession of a knowledge base for music
 - 2: Cadets will demonstrate musical performance proficiency
 - 3: Cadets will acknowledge how music is used as a means of expression
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Department of Philosophy

- 1: Demonstrate familiarity with the history of ideas.
 - 2: Formalize our native capacities to make an argument by deliberately putting into practice some of the methods and principles of rhetoric and logic.
 - 3: In studying various philosophical ideas and positions, develop a working understanding of the differences that exist between modes of investigation (i.e. hermeneutic, analytic, formal, et cetera).
 - 4: Develop the student's capacity to explain (orally and in writing) the content of conceptually complex texts.
 - 5: Demonstrate a basic knowledge of formal logic.
 - 6: Develop an understanding of the applications formal proof has to natural language argumentation.
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Department of Science

- 1: Demonstrate familiarity with basic content and concepts in each discipline
 - 2: Identify and use laboratory apparatus and instrumentation to perform demonstrations, carry out experiments and develop observational skills.
 - 3: Exhibit learning skills necessary to succeed in the sciences as well as other disciplines.
 - 4: Obtain factual information from various sources and be able to present it in a clear, well-organized manner.
 - 5: Show familiarity with current issues in each discipline to include the moral and ethical questions involved.
 - 6: Apply critical thinking skills and a systematic approach to problem solving using graphs and formulae as needed.
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List of Department Outcomes - Tier Three Outcomes

Department of Social Science

- 1: Display an appropriate level of core knowledge from the various social science disciplines
 - 2: Exhibit written and oral communication skills that exhibit clarity, precision, and comprehension
 - 3: Demonstrate, using an analytical process, why particular historical, political, social, and economic events are meaningful
 - 4: Identify geographical locations, key features, and regions on a map, while also demonstrating an understanding of the importance of these areas in the study of history
 - 5: Develop and present projects, using appropriate technology, that reflect an understanding of historical, political, social, and economic events.
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Department of SROTC

- 1: Leadership: Classify the leadership attributes and core competencies of the Army Leadership Development Program and their application to Army Leadership
 - 2: Personal Development: Prepare a personal development plan utilizing personal and professional goals and practice effective writing and communication techniques in accordance with the Army standards for effective writing and communication
 - 3: Values and Ethics: Apply Army values and leadership ethics in decision making and practical leadership
 - 4: Officership: Demonstrate the duties of cadet Battalion staff and Company level leadership positions
 - 5: Tactics and Techniques: Apply the Troop Leading Procedures and Military Decision Making Process to accomplish team and squad operations
 - 6: Physical Fitness: Demonstrate an understanding of physical fitness and achieve success at the Army Physical Fitness Test
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Department of Student Assistant Center

- 1: Students will acquire the attitudes, knowledge and skills that contribute to effective learning in school and across the lifespan.
 - 2: Students will complete school with the academic preparation essential to choose from a wide range of substantial post-secondary options, including college.
 - 3: Students will understand the relationship of academics to the world of work and to life at home and community
 - 4: Students will acquire the attitudes, knowledge and interpersonal skills to help them understand and respect self and others.
 - 5: Students will acquire the skills to investigate the world of work in relation to knowledge of self and to make informed career decisions.
 - 6: Students will employ strategies to achieve further career success and satisfaction.
 - 7: Students will understand the relationship between personal qualities, education and training and the world of work.
 - 8: Students will make decisions, set goals and take necessary action to achieve goals.
 - 9: Students will understand safety and survival skills.
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List of Department Outcomes - Tier Three Outcomes

Department of Toles Learning Resource Center

- 1: Students will gain an essential foundation for pursuing academic success.
 - 2: Students will develop and monitor their foundational skills.
 - 3: Cadets will gain confidence in their ability to perform academically in a rigorous curriculum.
 - 4: Cadets will explore their future college and career goals.
 - 5: Cadets will understand the processes and philosophy of standardized test formats.
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