

VOLUME III
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**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 1

HOURS: 1

TITLE: Introduction

I.References and Texts

A.Instructor reference - Luvaas, Jay, "Military History: Is It Still Practicable," Parameters, Issue XII, March 1982 (Found in Evolution of Warfare - Introduction)

B.Student text - Luvaas, Jay, "Military History: Is It Still Practicable," Parameters, Issue XII, March 1982 (Found in Evolution of Warfare - Introduction)

II.Discussion Questions

A.Discuss why a military professional should study military history

B.Discuss each of the principles of war and understand how they are used to study military history

C.Discuss common fallacies inherent in the study of military history

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 2

HOURS: 1

TITLE: Man and Warfare

I.References and Texts

- A.Instructor reference - Preston and Wise, Men in Arms, pp. 5-14
- B.Student text - Preston and Wise, Men in Arms, pp. 5-14
- C.Other reference - Campbell, John W., LtCol, USMC, "Evolution of a Doctrine," Marine Corps Gazette, December 1970, pp. 39-42 (Instructor Resource Manual)

II.Discussion Questions

- A.Discuss the levels of war, threads of continuity and the importance of using military terminology when discussing the military operational art
- B.Discuss the nine principles of war and their relevance/worth to today's battlefield
- C.Discuss how military theorists have applied these principles

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 3

HOURS: 1

TITLE: Development of Warfare in Ancient Times

I. References and Texts

A. Instructor references

1. Jones, The Art of War in the Western World, pp. 1-21
2. Montross, War Through the Ages, pp. 3-15
3. Preston and Wise, Men in Arms, pp. 15-27

B. Student texts

1. Jones, The Art of War in the Western World, pp. 1-21
2. Preston and Wise, Men in Arms, pp. 15-27

C. Other references

1. Kotker, Norman, "The Assyrians", Military History Quarterly, Vol. 3, No. 4, Summer 1991, pp. 9-18 (Instructor Resource Manual)
2. Starr, Chester G., "The Athenian Century," Military History Quarterly, Vol. 1, No. 2, Winter 1989, pp. 31-37 (Instructor Resource Manual)

II. Discussion Questions

- A. Discuss the Assyrian military system to include military organization, siege tactics, and the use of terror
- B. Discuss the reign of King Sennacherib and its effect on the rest of the known world
- C. Discuss the importance of the Navy in the Athenian Empire
- D. Discuss how Athenian society was organized to support both the Navy and the Empire

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 4

HOURS: 1

TITLE: Alexander and the Macedonian System

I. References and Texts

A. Instructor references

1. Jones, The Art of War in the Western World, pp. 21-54, 57-62
2. Montross, War through the Ages, pp. 16-42
3. Preston and Wise, Men in Arms, pp. 27-31

B. Student texts

1. Jones, The Art of War in the Western World, pp. 21-54, 57-62
2. Preston and Wise, Men in Arms, pp. 27-31

C. Other references

1. Burne, Alfred H., "Battle of Arbela, 331 B.C.," The Art of War on Land, pp. 47-57 (Instructor Resource Manual)
2. Creasy, Edward S., Fifteen Decisive Battles of the World, Harrisburg, PA, 1943, pp. 57-84

II. Discussion Questions

- A. Discuss the importance of the Macedonian phalanx
- B. Examine the tactics and strategy used by Alexander at the Battle of Arbela
- C. Discuss how the principles of war apply to Alexander's campaign

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 5

HOURS: 1

TITLE: Roman Warfare and the Punic Wars

I. References and Texts

A. Instructor references

1. Jones, The Art of War in the Western World, pp. 26-45, 65-72
2. Montross, War Through the Ages, pp. 43-69
3. Preston and Wise, Men in Arms, pp. 32-42

B. Student texts

1. Jones, The Art of War in the Western World, pp. 26-45, 65-72
2. Preston and Wise, Men in Arms, pp. 32-42

C. Other references

1. Hanson, Victor Davis, "Cannae," Military History Quarterly, Vol. 2, No. 4, Summer 1990, pp. 60-65 (Instructor Resource Manual)
2. O'Connell, Robert L., "The Roman Killing Machine," Military History Quarterly, Vol. 1, No. 1, Autumn 1988, pp. 36-47 (Instructor Resource Manual)

II. Discussion Questions

- A. Discuss the organization of the Roman army with emphasis on the legionary system, weapons' employment, and logistics
- B. Discuss the importance of the legions in the formation of the Roman Empire
- C. Discuss the tactics of Hannibal as employed at the Battle of Cannae
- D. Discuss how Roman tactics failed at the Battle of Cannae

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 6

HOURS: 1

TITLE: Pax Romana

I. References and Texts

A. Instructor references

1. Montross, War Through the Ages, pp. 70-88

2. Preston and Wise, Men in Arms, pp. 43-49

B. Student text - Preston and Wise, Men in Arms, pp. 43-49

C. Other reference - O'Connell, Robert L., "The Roman Killing Machine", Military History Quarterly, Vol. 1, No. 1, Autumn 1988, pp. 36-46 (Instructor Resource Manual)

II. Discussion Questions

A. Discuss the key changes in Roman military system from Actium to Adrianople

B. Discuss the Roman civil wars and the concept of "Pax Romana"

C. Discuss the Roman weapons system

D. Examine logistics, tactics, and strategy in the conduct of Roman operations in general

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 7

HOURS: 1

TITLE: The Byzantine Empire

I. References and Texts

A. Instructor references

1. Dupuy & Dupuy, The Encyclopedia of Military History, pp. 134-165
2. Jones, The Art of War in the Western World, pp. 92-109
3. Montross, War Through the Ages, pp. 104-131
4. Preston and Wise, Men in Arms, pp. 43-49

B. Student texts

1. Jones, The Art of War in the Western World, pp. 92-109
2. Preston and Wise, Men in Arms, pp. 43-49

II. Discussion Questions

- A. Discuss Byzantine tactics and strategy
- B. Discuss how the stirrup enhanced the use of cavalry
- C. Discuss the Byzantine's use of economy of force as a means to success

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 8

HOURS: 1

TITLE: Feudal Warfare and the Renaissance of the Military Art

I. References and Texts

A. Instructor references

1. Dupuy & Dupuy, The Encyclopedia of Military History
2. Jones, The Art of War in the Western World, pp. 102-106, 109-122, 134-142
3. Montross, War Through the Ages, pp. 91-103, 132-143, 158-185, 199-211
4. Preston and Wise, Men in Arms, pp. 65-97

B. Student texts

1. Jones, The Art of War in the Western World, pp. 102-106, 109-122, 134-142
2. Preston and Wise, Men in Arms, pp. 65-97

C. Other references

1. Kotker, Norman, "The First Crusade", Military History Quarterly, Vol. 2, No. 2, Winter 1990, pp. 24-35 (Instructor Resource Manual)
2. McNeill, William, "The Gunpowder Revolution", Military History Quarterly, Vol. 3, No. 1, Autumn 1990, pp. 8-17 (Instructor Resource Manual)
3. Mitchell, Outlines of the World's Military History, pp. 701-743

II. Discussion Questions

- A. Discuss the impact of Charles VIII on feudal warfare
- B. Discuss the reasons behind the revival of infantry
- C. Discuss the causes and major battles of the first crusade
- D. Discuss what effect the use of gunpowder had on the art of war
- E. Discuss medieval weapons, fortifications, and the development of tactics as discussed by Archer Jones

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 9

HOURS: 1

TITLE: The Spanish Square and the Great Armada

I. References and Texts

A. Instructor references

1. Jones, The Art of War in the Western World, pp. 190-213
2. Montross, War Through the Ages, pp. 211-214, 227-261
3. Preston and Wise, Men in Arms, pp. 98-109, 119-131

B. Student texts

1. Jones, The Art of War in the Western World, pp. 190-213
2. Preston and Wise, Men in Arms, pp. 98-109, 119-131

C. Other reference - Parker, Geoffrey, "Why the Armada Failed", Military History Quarterly, Vol. 1, No. 1, Autumn 1988, pp. 18-27 (Instructor Resource Manual)

II. Discussion Questions

- A. Discuss the reasons for the construction and failure of the Spanish Armada
- B. Examine Spanish combined-arms tactics
- C. Discuss the revolution in the naval tactics employed by the British and Spanish during the 16th century
- D. What improvements were realized in logistics in battles, campaigns, and strategy during the 16th century?

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 10

HOURS: 1

TITLE: Gustavus Adolphus and the Thirty Years' War

I. References and Texts

A. Instructor references

1. Fuller, Military History of the Western World, Vol. II, pp. 42-74
2. Jones, The Art of War in the Western World, pp. 221-252
3. Montross, War Through the Ages, pp. 262-292
4. Preston and Wise, Men in Arms, pp. 109-113

B. Student references

1. Jones, The Art of War in the Western World, pp. 221-252
2. Preston and Wise, Men in Arms, pp. 109-113

II. Discussion Questions

- A. Discuss Adolphus' contributions to warfare and tactical doctrine (deception, interior lines, and linear tactics)
- B. Discuss why the Thirty Years' War was considered a limited war
- C. Discuss the forms of maneuver used in the Battle of Breitenfeld as they apply to today's types of operations
- D. Discuss combat power/combat ratios and the principles of war relative to the Battle of Breitenfeld
- E. Describe the "Dutch tactical system"
- F. Discuss logistic and combat strategies used by Gustavus Adolphus against Wallenstein

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 11

HOURS: 1

TITLE: Oliver Cromwell and 17th Century Warfare

I. References and Texts

A. Instructor references

1. Montross, War Through the Ages, pp. 262-346
2. Preston and Wise, Men in Arms, pp. 113-118

B. Student text - Preston and Wise, Men in Arms, pp. 113-118

C. Other references

1. Carr, Caleb, "The Troubled Genius of Oliver Cromwell", Military History Quarterly, Vol. 2, No. 4, Summer 1990, pp. 82-95 (Instructor Resource Manual)
2. Lynn, John A., "Soldiers on the Rampage", Military History Quarterly, Vol. 3, No. 2, Winter 1991, pp. 92-101 (Instructor Resource Manual)

II. Discussion Questions

- A. Discuss the military innovations and strategy of Oliver Cromwell
- B. Discuss the difficulties of maintaining an army in the 17th century

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 12

HOURS: 1

TITLE: Frederick the Great

I. References and Texts

A. Instructor references

1. Dupuy & Dupuy, The Encyclopedia of Military History
2. Fuller, Military History of the Western World, Vol. II, pp. 187-215
3. Jones, The Art of War in the Western World, pp. 297-317
4. Preston and Wise, Men in Arms, pp. 133-149

B. Student texts

1. Jones, The Art of War in the Western World, pp. 297-317
2. Preston and Wise, Men in Arms, pp. 133-149

C. Other reference - "Fredrick the Great", Mitchell, William A., Outlines of the World's Military History, Harrisburg, PA, pp 301-341 (Instructor Resource Manual)

II. Discussion Questions

- A. Discuss the Prussian military system as it related to the socio-political and socio-economic conditions in Prussia during the time of Frederick the Great
- B. Examine the Prussian logistics system and its impact on Frederick's tactical system
- C. Discuss the evolution of a linear system
- D. What tactical innovations can be seen from an examination of the Silesian Wars?

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 13

HOURS: 1

TITLE: The American Revolution

I. References and Texts

A. Instructor references

1. Jones, The Art of War in the Western World, pp. 317-319
2. Preston and Wise, Men in Arms, pp. 164-178

B. Student texts

1. Jones, The Art of War in the Western World, pp. 317-319
2. Preston and Wise, Men in Arms, pp. 164-178

- C. Other reference - Bowler, Arthur, "Logistics and Operations in the American Revolution", In Defense of the Republic, Ch. 3

II. Discussion Question

- A. Discuss the causes of the American Revolution
- B. Compare the advantages and disadvantages which faced the British and Americans in terms of logistics and organization
- C. Discuss the problems which confronted the Americans in trying to raise and equip an army
- D. Discuss what is revealed by the examination of the military strategy and objectives of the colonies
- E. What effect did the American Revolution have on warfare in general?

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 14

HOURS: 1

TITLE: The French Revolution

I. References and Texts

A. Instructor references

1. Dupuy and Dupuy, Encyclopedia of Military History
2. Jones, The Art of War in the Western World, pp. 320-330
3. Preston and Wise, Men in Arms, pp. 179-187

B. Student texts

1. Jones, The Art of War in the Western World, pp. 320-330
2. Preston and Wise, Men in Arms, pp. 179-187

C. Other reference - Strachan, Hew, European Armies and the Conduct of War, Boston: Unwin Hyman, 1988, "18th Century Revolution in Tactics"

II. Discussion Questions

A. Discuss Levee En Masse

B. Discuss the socio-political factors which led to the French Revolution

C. Discuss what effects, if any, the American Revolution and the Seven Years' War had on the French Revolution

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 15

HOURS: 1

TITLE: Napoleon (Part 1)

I. References and Texts

A. Instructor references

1. Fuller, A Military History of the Western World, Vol. II, pp. 405-542
2. Jones, The Art of War in the Western World, pp. 330-377
3. Preston and Wise, Men in Arms, pp. 187-199

B. Student texts

1. Jones, The Art of War in the Western World, pp. 330-377
2. Preston and Wise, Men in Arms, pp. 187-199

C. Other references

1. Chandler, David, The Campaigns of Napoleon
2. Meistrich, Ira, "En Avant", Military History Quarterly, Vol. 1, No. 3, Spring 1989, pp. 46-49 (Instructor Resource Manual)
3. Rothenburg, Gunther E., The Art of Warfare in the Age of Napoleon, Indiana University Press, Bloomington, 1978
3. Seymour, William, Decisive Factors in Twenty Great Battles of the World, The Battle of Waterloo - 18 June 1815, St. Martin's Press, New York, NY, 1988
4. Weigley, Russell F., The Age of Battles

II. Discussion Questions

- A. Discuss the rise of Napoleon following the French Revolution
- B. Contrast the leadership style of Napoleon with that of other 18th century military leaders
- C. Discuss the tactics, organization, logistics, etc., of the Grand Armee

D. Discuss Napoleon's use of interior lines, supporting arms, cavalry, and the use of reserves

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 16

HOURS: 1

TITLE: Napoleon (Part 2)

I. References and Texts

A. Instructor references

1. Fuller, A Military History of the Western World, Vol. II, pp. 405-542
2. Jones, The Art of War in the Western World, pp. 330-377
3. Preston and Wise, Men in Arms, pp. 187-199

B. Student texts

1. Jones, The Art of War in the Western World, pp. 330-377
2. Preston and Wise, Men in Arms, pp. 187-199

C. Other references

1. Chandler, David, The Campaigns of Napoleon
2. Meistrich, Ira, "En Avant", Military History Quarterly, Vol. 1, No. 3, Spring 1989, pp. 46-49
3. Rothenburg, Gunther E., The Art of Warfare in the Age of Napoleon, Indiana University Press, Bloomington, 1978
4. Seymour, William, Decisive Factors in Twenty Great Battles of the World, The Battle of Waterloo - 18 June 1815, St. Martin's Press, New York, NY, 1988
5. Weigley, Russell F., The Age of Battles

II. Discussion Questions

- A. Contrast Napoleon's victory at Austerlitz with his defeat at Waterloo
- B. Discuss the significance of lines of communication
- C. Examine Napoleon's application of the principles of war as they relate to selected battle(s)
- D. Discuss the problems of coalition warfare as it relates to the campaigns of Napoleon

E.Critique Napoleon's intelligence-gathering efforts and tactics and his use of terrain in selected battle(s)

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 17

HOURS: 1

TITLE: Clausewitz and Jomini

I. References and Texts

A. Instructor references

1. Paret, Makers of Modern Strategy, 1986, Princeton University Press, pp. 143-213
2. Preston and Wise, Men in Arms, pp. 207-208, 238-240, 338
3. Weigley, The American Way of War, pp. 82-83, 88-89, 210-213

B. Student texts

1. Preston and Wise, Men in Arms, pp. 207-208, 238-240, 338
2. Weigley, The American Way of War, pp. 82-83, 88-89, 210-213

C. Other reference - Strachen, Hew, European Armies and the Conduct of War, chapter on Jomini and the Napoleonic Tradition, 1988

II. Discussion Questions

- A. Explain the differences between Clausewitz's and Jomini's understanding of the nature of war
- B. Discuss the backgrounds of Jomini and Clausewitz
- C. Discuss "war" and "politics" as viewed by Clausewitz

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 18

HOURS: 1

TITLE: The American Civil War (Part 1)

I. References and Texts

A. Instructor references

1. Fuller, A Military History of the Western World, Vol. III, pp. 12-89
2. Jones, The Art of War in the Western World, pp. 409-418
3. Montross, War Through the Ages, pp. 590-632
4. Weigley, The American Way of War, pp. 92-152

B. Student texts

1. Jones, The Art of War in the Western World, pp. 409-418
2. Weigley, The American Way of War, pp. 92-152

C. Other references

1. Griffith, Paddy, "Civil War Cavalry: Missed Opportunities", Military History Quarterly, Spring 1989, pp. 61-71
2. Sears, Stephen W., "McClellan vs. Lee", Military History Quarterly, Autumn 1988, pp. 10-17
(Instructor Resource Manual)

II. Discussion Questions

- A. Discuss the causes and strategy of the Civil War
- B. Discuss the technological developments which had an affect on the manner in which the Civil War was waged
- C. Discuss the Union strategy as compared to the Confederate strategy up to the end of the Valley Campaigns
- D. Critique McClellan and his handling of the Peninsular Campaign
- E. Discuss the development and use of intelligence during the Civil War

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 19

HOURS: 1

TITLE: The American Civil War (Part 2)

I. References and Texts

A. Instructor references

1. Fuller, A Military History of the Western World, Vol. III, pp. 12-89
2. Jones, The Art of War in the Western World, pp. 409-418
3. Montross, War Through the Ages, pp. 590-632
4. Weigley, The American Way of War, pp. 92-152

B. Student texts

1. Jones, The Art of War in the Western World, pp. 409-418
2. Weigley, The American Way of War, pp. 92-152

C. Other references

1. Griffith, Paddy, "Civil War Cavalry: Missed Opportunities", Military History Quarterly, Spring 1989, pp. 61-71
2. Sears, Stephen W., "McClellan vs. Lee", Military History Quarterly, Autumn 1988, pp. 10-17
(Instructor Resource Manual)

II. Discussion Questions

- A. Examine Lee's reasons for taking the offensive in 1862 and what, if any, organizational changes he made to his army
- B. Discuss intelligence, principles of war, use of terrain, effective range of weapons, and tactics in selected battle(s)
- C. Discuss the importance of cavalry at the Battle of Gettysburg
- D. Discuss the generalship of Union and Confederate forces in selected campaigns

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 20

HOURS: 1

TITLE: Pax Britannica and the Russo-Japanese War

I. References and Texts

A. Instructor references

1. Fuller, A Military History of the Western World, Vol. III, pp. 136-170
2. Jones, The Art of War in the Western World, pp. 418-433
3. Preston and Wise, Men in Arms, pp. 220-237

B. Student texts

1. Jones, The Art of War in the Western World, pp. 418-433
2. Preston and Wise, Men in Arms, pp. 220-237

C. Other references

1. Gudmundsson, Bruce I., "A Lesson from the Boers", Military History Quarterly, Vol. 1, No. 4, Summer 1989, pp. 34-35 (Instructor Resource Manual)
2. Mitchell, William A., "Russo-Japanese War," Outlines of the World's Military History, Harrisburg, PA, 1940, pp. 567-626 (Instructor Resource Manual)

II. Discussion Questions

- A. Discuss the differences between the Boer Wars and other British imperial campaigns
- B. What parallels can be drawn between the Russo-Japanese War and World War I?
- C. Discuss why Japan was successful in the war against Russia
- D. What lessons can be gleaned from Boer War tactics?
- E. What is guerrilla warfare?

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 21

HOURS: 1

TITLE: Prussian Influence

I. References and Texts

A. Instructor references

1. Fuller, A Military History of the Western World, Vol. III, pp. 90-105
2. Jones, The Art of War in the Western World, pp. 293-409
3. Paret, Makers of Modern Strategy, pp. 281-325
4. Preston and Wise, Men in Arms, pp. 252-258

B. Student texts

1. Jones, The Art of War in the Western World, pp. 293-409
2. Preston and Wise, Men in Arms, pp. 252-258

C. Other reference - Carr, Caleb, "The Man of Silence", Military History Quarterly, Spring 1989, pp. 104-115 (Instructor Resource Manual)

II. Discussion Questions

- A. Explain the emergence of the general staff system under Moltke and its importance to the study of military history
- B. What parallels can be derived from the American Civil War and the Franco-Prussian War?
- C. Relate the forces of nationalism and the unification of Germany and how technology played a role

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 22

HOURS: 1

TITLE: World War I (Part 1)

I. References and Texts

A. Instructor references

1. Fuller, A Military History of the Western World, Vol. III, pp. 171-232, 265-330
2. Jones, The Art of War in the Western World, pp. 456-488
3. Keegan, The Face of Battle, pp. 204-280
4. Preston and Wise, Men in Arms, pp. 259-277
5. Weigley, The American Way of War, pp. 192-222

B. Student texts/resource materials

1. Jones, The Art of War in the Western World, pp. 456-488
2. Keegan, The Face of Battle, pp. 204-280
3. Preston and Wise, Men in Arms, pp. 259-277
4. Weigley, The American Way of War, pp. 192-222

- C. Other reference - Lopfer, Timothy T., "The Dynamics of Doctrine: The Changes in German Tactical Doctrine During the First World War", Leavenworth Papers, No. 4, 1981

II. Discussion Questions

- A. Discuss the Schlieffen Plan and the French Plan XVII
- B. Examine the official stated causes and the "real" causes for World War I
- C. Discuss attrition/trench warfare and the technological developments which attempted to break the stalemate
- D. Discuss tactics, geography, and leadership as it effected initial German success
- E. Discuss the effects of the machine gun and the introduction of the tank on infantry

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 23

HOURS: 1

TITLE: World War I (Part 2)

I. References and Texts

A. Instructor references

1. Fuller, A Military History of the Western World, Vol. III, pp. 171-232, 265-330
2. Jones, The Art of War in the Western World, pp. 456-488
3. Keegan, The Face of Battle, pp. 204-280
4. Preston and Wise, Men in Arms, pp. 259-277
5. Weigley, The American Way of War, pp. 192-222

B. Student texts/resource materials

1. Jones, The Art of War in the Western World, pp. 456-488
2. Keegan, The Face of Battle, pp. 204-280
3. Preston and Wise, Men in Arms, pp. 259-277
4. Weigley, The American Way of War, pp. 192-222

- C. Other reference - Lopfer, Timothy T., "The Dynamics of Doctrine: The Changes in German Tactical Doctrine During the First World War", Leavenworth Papers, No. 4, 1981

II. Discussion Questions

- A. Discuss the changes in both the German and Allied strategies which came about due to the withdrawal of Russian forces
- B. What lessons can be learned from the complexities/difficulties of conducting coalition warfare?
- C. Analyze developments in tactics and weapons as a result of German attempts to break the trench warfare stalemate (Lupfer)
- D. Discuss why the Battle of Cambrai illustrates a revolution in tactics as a result of technology and whether it succeeded in its goals

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 24

HOURS: 1

TITLE: Technology and the Interwar Years

I. References and Texts

A. Instructor references

1. Fuller, A Military History of the Western World, Vol. III, pp. 364-376
2. Jones, The Art of War in the Western World, pp. 489-507
3. Preston and Wise, Men in Arms, Ch. 17
4. Weigley, The American Way of War, Ch. 11 and 12

B. Student texts

1. Jones, The Art of War in the Western World, pp. 489-507
2. Preston and Wise, Men in Arms, Ch. 17

C. Other references

1. Dupuy, Trevor N., "The Influence of Technology on War", The Marine Corps Gazette, September 1983, pp. 50-59 (Instructor Resource Manual)
2. Keegan, The Second World War, 1989, Viking 1, Penguin Press, pp. 10-44

II. Discussion Questions

- A. What military changes took place as a result of the experiences of WWI? Examine German, American, British, and French developments
- B. Discuss the beginnings of mobile/maneuver warfare
- C. What technological advances took place in airpower, weapons and armor, and what were their effects on military doctrine?

NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE

LESSON: 25

HOURS: 1

TITLE: Background to World War II

I. References and Texts

A. Instructor references

1. Fuller, A Military History of the Western World, Vol. III, Chronicle 10, pp. 364-376

2. Jones, The Art of War in Western World, pp. 508-535

B. Student text - Jones, The Art of War in Western World, pp. 508-535

II. Discussion Questions

A. Discuss whether or not the French and British were prepared for German aggression

B. Discuss the implications of the Russo-German Pact of 1939

C. Discuss what tactical organizational flaws in the German war machine were revealed by the Polish Campaign

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LESSON: 26

HOURS: 1

TITLE: World War II in Europe and the Atlantic (Part 1)

I. References and Texts

A. Instructor references

1. Jones, The Art of War in the Western World, pp. 535-595
2. Preston and Wise, Men in Arms, pp. 295-330
3. Weigley, The American Way of War, pp. 312-335

B. Student texts

1. Jones, The Art of War in the Western World, pp. 535-595
2. Preston and Wise, Men in Arms, pp. 295-330
3. Weigley, The American Way of War, pp. 312-335

C. Other references

1. Ambrose, Stephen E., "The Secrets of Overlord", Military History Quarterly, Summer 1989, pp. 71-75 (Instructor Resource Manual)
2. Keegan, John, The Second World War, 1989, Viking/Penguin Press, pp. 44-133, 173-208, 220-237, 483-516

II. Discussion Questions

- A. Operation Sea Lion and its relevance to sea power
- B. Generalship, development of military doctrine and technology
- C. The influence of mechanized and combined arms warfare
- D. The complexities of global warfare in a joint and combined operations arena
- E. The effects and contributions of the Allied strategic bombing campaign

*Note: American operations in the Pacific Campaign were covered extensively in the amphibious warfare class.

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 27

HOURS: 1

TITLE: World War II in Europe and the Atlantic (Part 2)

I. References and Texts

A. Instructor references

1. Jones, The Art of War in the Western World, pp. 535-595
2. Preston and Wise, Men in Arms, pp. 295-330
3. Weigley, The American Way of War, pp. 312-335

B. Student texts

1. Jones, The Art of War in the Western World, pp. 535-595
2. Preston and Wise, Men in Arms, pp. 295-330
3. Weigley, The American Way of War, pp. 312-335

C. Other references

1. Ambrose, Stephen E., "The Secrets of Overlord", Military History Quarterly, Summer 1989, pp. 71-75 (Instructor Resource Manual)
2. Keegan, John, The Second World War, 1989, Viking/Penguin Press, pp. 44-133, 173-208, 220-237, 483-516

II. Discussion Questions

- A. The impact of political leadership in controlling military operations
- B. The German logistics strategy and its impact on the conclusion of the Russo-German War
- C. The landing and campaign of the Normandy Invasion
- D. The major factor which led to Germany's defeat
- E. The breakdown of the Allied coalition at the war's end

NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE

LESSON: 28

HOURS: 1

TITLE: Post-World War II Military Development

I. References and Texts

A. Instructor references

1. Jones, The Art of War in the Western World, pp. 596-602
2. Preston and Wise, Men in Arms, pp. 331-376
3. Weigley, The American Way of War, pp. 363-381

B. Student texts

1. Jones, The Art of War in the Western World, pp. 596-602
2. Preston and Wise, Men in Arms, pp. 331-376
3. Weigley, The American Way of War, pp. 363-381

II. Discussion Questions

- A. Technological change and the impact of nuclear weapons on U.S. defense policy and military operations
- B. Define limited warfare in the Nuclear Age

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EVOLUTION OF WARFARE**

LESSON: 29

HOURS: 1

TITLE: The Korean Conflict

I. References and Texts

A. Instructor reference - Weigley, The American Way of War, pp. 382-398

B. Student text - Weigley, The American Way of War, pp. 382-398

C. Other reference - Klimp, Jack W., "The Battle for Seoul: Marines and MOUT", Marine Corps Gazette, November 1981, pp. 79-83

II. Discussion Questions

A. Discuss whether the Korean Conflict should be considered a total or limited war

B. Discuss the political aspects of waging war in the nuclear age and examine the firing of General MacArthur in this context

C. Examine the U.S. mobilization effort for the Korean Conflict

NAVAL RESERVE OFFICERS TRAINING CORPS
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LESSON: 30

HOURS: 1

TITLE: Vietnam (Part 1)

I. References and Texts

A. Other references

1. Christmas, Ron, Maj, USMC, "A Company Commander Remembers the Battle for Hue", Marine Corps Gazette, February 1977, pp. 19-26 (Instructor Resource Manual)
2. Michael, Stanley J., LtCol, USMC, "Vietnam: Failure to follow the Principles of War", Marine Corps Gazette, August 1977, pp. 56-62 (Instructor Resource Manual)
3. Ripley, John W., Maj, USMC, "Tiger Tale", Marine Corps Gazette, June 1977, pp. 39-45 (Instructor Resource Manual)

II. Discussion Questions

- A. The factors leading to the U.S. political and military commitment to Vietnam
- B. Joint and combined military operations and their effectiveness, using the principles of unity of command and objective

NAVAL RESERVE OFFICERS TRAINING CORPS
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LESSON: 31

HOURS: 1

TITLE: Vietnam (Part 2)

I. References and Texts

A. Other references

1. Christmas, Ron, Maj, USMC, "A Company Commander Remembers the Battle for Hue", Marine Corps Gazette, February 1977, pp. 18-26 (Instructor Resource Manual)
2. Michael, Stanley J., LtCol, USMC, "Vietnam: Failure to follow the Principles of War", Marine Corps Gazette, August 1977, pp. 56-62 (Instructor Resource Manual)
3. Ripley, John W., Maj, USMC, "Tiger Tale", Marine Corps Gazette, June 1977, pp. 39-45 (Instructor Resource Manual)

II. Discussion Questions

- A. The effects of "popular support" on American political administration

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LESSON: 32

HOURS: 1

TITLE: Wars of the Middle East

I. References and Texts

A. Instructor references

1. Jones, The Art of War in the Western World, pp. 602-609
2. Preston and Wise, Men in Arms, pp. 390-399

B. Student texts

1. Jones, The Art of War in the Western World, pp. 602-609
2. Preston and Wise, Men in Arms, pp. 390-399

C. Other reference - Rabinovich, Abraham, "First Strike", Military History Quarterly, Spring 1990, pp. 57-63
(Instructor Resource Manual)

II. Discussion Questions

- A. Arab military development in the period between the 1967 Six-Day War and the 1973 Israeli-Egyptian War
- B. Israeli responses to increased Arab military preparedness
- C. The political situation of the Middle East region

**NAVAL RESERVE OFFICERS TRAINING CORPS
EVOLUTION OF WARFARE**

LESSON: 33

HOURS: 1

TITLE: The Gulf War

I. References and Texts

A. Other references

1. Edson, J. J., Col, USMC (Ret), " A Perspective on Desert Storm", Marine Corps Gazette, Vol. 75, No. 6, June 1991, pp. 25-27
2. Keene, R. R., "Desert Storm Stirs Up", Leatherneck Magazine, Vol. LXXIV, No. 3, March 1991, pp. 23-25
3. Wilson, G. I., LtCol, USMC, "Maneuver Warfare and the Operational Art", Marine Corps Gazette, Vol. 75, No. 6, June 1991, pp. 23-24

II. Discussion Questions

- A. The background and justification Saddam Hussein used for the invasion of Kuwait
- B. The attempts made by the U.N. to bring the conflict to a peaceful resolution
- C. The general strategy and tactics used by the coalition forces in Operation Desert Storm