

FUTURE WARFARE

Mode: Seminar

Lesson No. 4-29-S

1. Introduction. In this lesson we will explore the nature of future warfare. We'll start with a discussion on the threats we will likely encounter in a future war. Which states are most likely to become peer competitors in the future? How do we expect non-peer competitors to challenge us? The remainder of our class time will be spent looking at how all services will jointly fight against the kinds of threats we envision, and what future initiatives are critical to the functioning of the joint force.

In our sister services, much has been done to outline operational concepts for future war. How can those concepts be integrated jointly to fight most effectively in the next two decades?

2. Learning Objectives. To broaden/enhance the knowledge associated with joint service capabilities and the warfighting initiatives to fight and win future wars.

3. Student Requirements.

a. Tasks. Complete the required reading and be prepared to discuss the issues associated with Future Joint Warfare.

b. Required Readings.

(1) Scales, Robert H. "Adaptive Enemies: Achieving Victory by Avoiding Defeat," Army Issue Paper No. 3, August 1999. (Student Issue)

(2) Kagan, Frederick W. "The Next War: If You Want Peace, Prepare for Two Wars," Weekly Standard, 9 July 2001. (Course 4 Selected Readings, AY02, Implementing National Military Strategy)

(3) Roxborough, I., and Dana Eyre. "Which Way to the Future?," Joint Force Quarterly, Summer 1999. (Course 4 Selected Readings, AY02, Implementing National Military Strategy)

(4) Echevarria, Autulio J. "Interdependent Maneuver for the 21st Century," Joint Force Quarterly, Autumn 2000. (Course 4 Selected Readings, AY02, Implementing National Military Strategy)

c. Selected Student Readings.

(1) Hawkins, Charles F. "The People's Liberation Army," Joint Force Quarterly, Summer 2000. (Course 4 Selected Readings, AY02, Implementing National Military Strategy)

(2) Correll, John T. "The Vision Force," Air Force Magazine, June 2001. (Course 4 Selected Readings, AY02, Implementing National Military Strategy)

(3) Tirpak, John A. "Send in the UCAVs," Air Force Magazine, August 2001. (Course 4 Selected Readings, AY02, Implementing National Military Strategy)

(4) Wass De Czege, Huba and Autulio J. Echevarria, "Landpower and Future Strategy: Insights from the Army After Next," Joint Force Quarterly, Spring 1999. (Course 4 Selected Readings, AY02, Implementing National Military Strategy)

4. Points to Consider.

a. Who are our peer competitors of the future? How will they fight?

b. What did MG Scales mean by attaining victory by avoiding defeat?

c. Should we base our future warfighting requirements on fighting at a minimum, two theater conventional conflicts? Why or why not?

d. What did Echevarria mean by interdependent maneuver in modern warfare?

e. What joint systems will need to be developed in order to achieve our maximum potential as a joint force?

f. As the Air Force continues to integrate air and space, should space become the sole domain of the Air Force? Should it belong to a new, separate service?

g. How will UCAVs change the way we fight?

h. Given the explosion in communications technology, is it time to junk the Prussian staff model for something else? What would that be?

5. Relationship to Professional Joint Education (PJE) Learning Areas.

- a. PJE LA 3.b. Objectives
- b. PJE LA 3.d. Objectives
- c. PJE LA 5.a. Objectives, Readings, Points to Consider
- d. PJE LA 5.b. Objectives, Readings, Points to Consider
- e. PJE LA 5.c. Objectives, Readings, Points to Consider

6. Relationship to USAWC Institutional Learning Objectives (ILOs), Enduring and Special Themes.

- a. ILOs: 4, 5, 7
- b. Enduring Themes: Strategic vision; Jointness
- c. Special Themes: Warfare in the 21st Century;
Transformation