

**GRADUATE CREDIT  
COURSE GUIDELINES AND DESCRIPTION\***

<b>Course Title:</b>	Applying Technology - Aviano
<b>Sponsoring Agency:</b>	DoDDS-Europe/Mediterranean District
<b>Audience:</b>	Aviano Teachers
<b>Semester Hours:</b>	1.0
<b>Course Dates:</b>	December 21-22 and January 13th
<b>Course Meeting Times:</b>	December 21-22, 0800-1500; January 13, 0900-1500
<b>Location:</b>	Aviano
<b>Number of participants:</b>	25
<b>Tuition:</b>	\$55.00
<b>Course Code:</b>	USD Course Code = 580AJ Ashland University Course Code = 6270N2

**Course Guidelines**

**A. Course Registration**

To register for this course the participants must submit an online registration form located at <http://www.usd-online.org/DoDEA.aspx> (University of San Diego) or <http://www.ashland.edu/pds/sp-offerings.php> (Ashland University). **The registration deadline is December 31.**

**B. Course Requirements**

1. Read the professional literature prior to attending
  - [Adopt and Adapt](#)
  - [Media Smarts](#)
  - [The New Face of Learning](#)
2. Attend sessions to meet the contact hour requirements
3. Develop technology tools such as excel spreadsheets, publisher documents, outlook distribution lists, etc.
4. Develop technology infusion plans utilizing a selection of resources that might include the Creative Software as well as ELMO, SMART Board, graphing calculator, in-focus, and various other software packages
5. Experiment with newly learned technology in the classroom
6. Participate and share outcomes with Study Group

**C. Course Description**

This course is a hands-on course that allows teachers to utilize technology in their classroom. Teachers will develop classroom recordkeeping using technology skills and develop lesson plans that integrate technology into the curriculum.

**D. ISTE Standards:**

***I. TECHNOLOGY OPERATIONS AND CONCEPTS.***

*Teachers demonstrate a sound understanding of technology operations and concepts*

***II. PLANNING AND DESIGNING LEARNING ENVIRONMENTS AND EXPERIENCES.***

*Teachers plan and design effective learning environments and experiences supported by technology*

***III. TEACHING, LEARNING, AND THE CURRICULUM.***

Teachers implement curriculum plans, that include methods and strategies for applying technology to maximize student learning.

***IV. ASSESSMENT AND EVALUATION.***

Teachers apply technology to facilitate a variety of effective assessment and evaluation strategies

Performance Indicators:

1. use technology tools and information resources to increase productivity, promote creativity, and facilitate academic learning. (I, III, IV, V)
2. use content-specific tools (e.g., software, simulation, environmental robes, graphing calculators, exploratory environments, Web tools) to support learning and research. (I, III, V)\*
3. use technology resources to facilitate higher order and complex thinking skills, including problem solving, critical thinking, informed decision making, knowledge construction, and creativity. (I, III, V)\*
4. assess the availability of technology resources at the school site, plan activities that integrate available resources, and develop a method for obtaining the additional necessary software and hardware to support the specific learning needs of students in the classroom. (I, II, IV)
5. make appropriate choices about technology systems, resources, and services that are aligned with district and state standards. (I, II)
6. identify specific technology applications and resources that maximize student learning, address learner needs, and affirm diversity. (III, VI)
7. design and teach technology-enriched learning activities that connect content standards with student technology standards and meet the diverse needs of students. (II, III, IV, VI)
8. teach students methods and strategies to assess the validity and reliability of information gathered through technological means. (II, IV)

**E. Course Instructors**

Ron Engbrecht and Ellie DeGiorgio-Hudson

DoDDS-E Approving Official Signature for Course: Samuel D. Heintz  
(Deputy Director or Education Division Chief or Superintendent or Assistant Superintendent)

Approving official will forward copies of this document to the following:

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\*Courses are for teaching professionals only and are generally limited. If the audience is not noted in the course description, please check with the instructor.