

## Document Cameras in the Classroom

### Document Cameras in the Classroom (Online)

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#### **Course Description:**

**Integrate a document camera (visual presenter) seamlessly into your classroom. Research and reflect on creating a visually literate classroom with a document camera and how that impacts student learning. Learn how to engage and motivate your students as they interact with authentic content using the visual capabilities of the document camera. Working at your own pace throughout this course, you will use Internet resources to apply new knowledge and skills to instructional practice and your existing curriculum.**

**You do not need a document camera (visual presenter) in your classroom to take this course, but you will need access to a document camera and a data projector when you apply what you have learned in your own classroom.**

#### **Goals and Objectives**

As a result of participation in this course, students will:

1. Read current research regarding visual learning in the classroom. Reflect on the creation of a visually literate classroom and the impact of document camera use on student learning.
2. Discover the variety of document camera brands, models, and features to inform suitability to classroom use.
3. Identify National Technology Standards for Students (ISTE) and make correlations to the document camera's potential impact on the listed performance indicators and the achievement of your students.
4. Identify standards, and generate a list of potential curriculum units/lessons, aligned with district curriculum and state standards that can be enhanced with the use of a document camera.
5. Submit five lesson plans, highlighting the effective and interactive use of the document camera in each one.
6. Use Moodle (online discussion board) to participate in online discussions regarding best practice in using document cameras to engage students and increase their achievement.

#### **Texts/Readings**

*There is no textbook associated with this course. Required reading is found online. Participants will complete the readings and independent activities described below to achieve the course objectives*

## Assignments and Projects:

The following assignments and projects are required for this course:

### 1. Visual learning in the classroom

- Reflect on what you've learned about visual learning in the classroom by responding to the following:
  - How can you create a more visually literate classroom?
  - How can a document camera in your classroom impact student learning? (Specifically address differentiated learning and individualizing instruction.)

(To earn the full **12 points** for this assignment, please refer to the Visual Learning Rubric posted in Moodle. This assignment should be approximately one to one-and-a-half typed page.)

### 2. Relating the NETS to your classroom

- Address the six NETS for students by making correlations to the document camera's potential impact on the listed performance indicators.
- Include an explanation of how using a document camera in your classroom will impact the achievement of your students.

(To earn the full **6 points** for this assignment, please refer to the NETS Reflection rubric posted in Moodle. This assignment should be approximately one-half to one typed page.)

### 3. State standards

- Generate a list specific to your classroom of ten lesson ideas aligned with district curriculum and state standards that can potentially be enhanced with the use of a document camera. With each item on the list, include the state standard, at which points the doc cam will be used, and the doc cam features you will use at each point.

(To earn the full **20 points** for this assignment, refer to the 20 Lesson List Rubric posted in Moodle.)

### 4. Submit lesson plans

- Complete and submit five complete lesson plans with the integration of the document camera as a critical element in each. The five complete lesson plans will have unique curricular objectives and each will highlight the effective and interactive uses of the document camera. Include in each lesson plan an explanation of why you are choosing to use a document camera in the lesson and how its use impacts all learners, as well as visual learners.

(Each lesson plan is worth 10 points. To earn the full **50 points** for this assignment, refer to the specific requirements in the Lesson Plan Rubric posted in Moodle.)

### 5. Communicate in an online forum. Post responses to Moodle a minimum of four-times.

- a. Introduce yourself by posting an introduction in the discussion board area on Moodle. Include where you are from, what you teach, your doc cam experience, your teaching with technology background and anything else you would like to share.

- b. Share three document camera uses from the websites that peak your interest. How will these uses impact student learning in your classroom?
- c. Share opinions you have regarding doc cam brands, models, and features that would best suit your classroom use.
- d. Imagine that you have a projector, document camera, and standard (not interactive) whiteboard permanently set up in your classroom. Describe how this will change the teaching and learning environment. How will this environment engage and motivate your students?

(To earn the full **12 points**, refer to the Moodle Forum Rubric posted in Moodle).

### **American Disabilities Act**

Accommodations will be provided for class members with documented disabilities or special learning needs. Please contact the instructor for accommodations before the course begins.

### **Evaluation and Grading**

All assignments, regardless of length, must be typed and incorporate APA style references when appropriate. Written assignments will be evaluated on accuracy of information, completeness of assignment, clarity of writing/presentation, organization of information and material, and accomplishment of the goals for each assignment.

A = 94-100 points

A- = 90-93 points

B+ = 87-89 points

B = 84-86 points

B- = 80-83 points

C = 75-79 points

F = less than 75 points

I = Incomplete Work