

Technology Growth Plan – EE Fall 2005

Due: September 14 (to be handed in at the beginning of class – paper form) for Part I and September 28 for Part II.

The growth plan aims to help you reflect on what you would like to achieve in the coming year and help us to plan a year that will support your goals. It is divided into two parts: *Core Technology Competencies* (where you will self-report on your progress in a number of areas, and report on your priorities) and *Year-end Envisioning* (where you describe your technology-based goals for the coming year).

Your name: _____

I. Core Technology Competency reflection and reporting (Due September 14)

The Internet

Area	Competency Target	Self-report <i>10 (excellent) to</i> <i>0 (very poor)</i>	Importance to me <i>10 (extremely)</i> <i>to 0 (not)</i>
Overview of the Internet	I understand the basics of how the Internet works and its history. I am comfortable with terms such as "IP address", FTP, HTML, server, client and host.		
Educational Applications of the Internet	I am familiar with a variety of different ways that the Internet has been used as an education tool. I am aware of more than six sites that provide general information about educational uses of technology, and more than twelve sites that aim to share information about my specific discipline.		
Advanced Internet Searching Techniques	When I search the internet, I am able to find meaningful or useful information more than 90% of the time.		
Please comment on your goals for working in this area this year.			

Presentation Tools:

Area	Competency Target	Self-report 10 (excellent) to 0 (very poor)	Importance to me 10 (extremely) to 0 (not)
Basics	I am able to use PowerPoint (or another presentation tool) with ease and fluidity in creating the exact type of presentation that I desire.		
Drawing Tools	I am able to draw and add graphics to my presentations at the level that I need to get my message across		
Incorporating Media	I am able to add movies and animations to my presentations		
Creating Interactivity	I am able to add buttons and interactivity to my presentations.		
Presentation Techniques	I feel comfortable with both the technical and interpersonal aspects of a presentation. I am at ease when hooking up a projector to my laptop, as well as using presentation software in front of an audience.		
Educational Applications of Presentation Tools	I feel adept at critiquing presentations that are done by others and providing constructive feedback to students or colleagues who are using presentation tools in educational settings.		
Please comment on your goals for working in this area this year.			

Print Design & Layout (Desktop Publishing):

Area	Competency Target	Self-report 10 (excellent) to 0 (very poor)	Importance to me 10 (extremely) to 0 (not)
Basics	I am able to use Microsoft Word (or another print design program) to create reports that have tables of contents, newsletters for my class, and letters that incorporate graphics and headings.		
Educational Applications of Desktop Publishing	I feel comfortable helping students and colleagues use Word (or other print design programs) to achieve educationally viable materials such as reports, brochures, and banners. I am familiar with techniques for incorporating print design and layout in educational activities.		
Please comment on your goals for working in this area this year.			

Spreadsheets:

Area	Competency Target	Self-report 10 (excellent) to 0 (very poor)	Importance to me 10 (extremely) to 0 (not)
Basics	I am able to use Excel (or another spreadsheet program) to organize and calculate data such as the grade rosters for my classes.		
Creating Charts and Graphs	I am able use Excel (or another spreadsheet program) to generate charts and graphs that effectively display my data.		
Educational Applications of Spreadsheets	I am familiar with efforts and techniques for incorporating spreadsheets in educational activities.		
Please comment on your goals for working in this area this year.			

Video:

Area	Competency Target	Self-report 10 (excellent) to 0 (very poor)	Importance to me 10 (extremely) to 0 (not)
Shooting	I am comfortable using a digital video camera and achieving very good shots and audio.		
Editing	I am comfortable using at least one software program to create effects and edit video clips. I can also compress a video so that it can be shown in a variety of formats.		
Educational Applications of Video	I am familiar with efforts to incorporate digital video in educational activities, and feel adept at looking at videos created by students or colleagues and providing constructive feedback.		
Please comment on your goals for working in this area this year.			

Graphic Design & Manipulation:

Area	Competency Target	Self-report 10 (excellent) to 0 (very poor)	Importance to me 10 (extremely) to 0 (not)
Working with images	I am able to create and manipulate graphics using Fireworks and develop graphical images that I am satisfied with.		
Using Fireworks in web publishing	I am able to use Fireworks as web publishing tool – beginning with a design in Fireworks, and then exporting it to html/Dreamweaver.		
Creating Animations	I am able to use Fireworks to create animations.		
Optimizing Images for the Web	I am comfortable compressing my images in Fireworks so that they can be incorporated in my web pages.		
Education uses of imagery	I am aware of educational uses of graphical imagery and feel comfortable in helping colleagues decide when and where graphics and animations would be helpful to their curriculum.		
Please comment on your goals for working in this area this year.			

Web Design & Production:

Area	Competency Target	Self-report 10 (excellent) to 0 (very poor)	Importance to me 10 (extremely) to 0 (not)
Basics / Creating Pages	I feel comfortable creating and saving a webpage.		
Site Management	I feel comfortable moving ("putting") web pages from my computer onto a server.		
Formatting & Linking	I feel adept at getting the text on web pages to look the way I'd like it to, and I know how to link to other people's websites, or other web pages within my own sites.		
Working with Graphics & Media	I am able to incorporate graphics and movies in my web pages.		
Designing with Tables	I am able to use tables to lay out the elements in my web pages.		
Working with Cascading Style Sheets	I am able to use a cascading style sheets to control the look and feel of my .		
Working with Frames	I am able to use frames to lay out my websites.		
Working with Behaviors, Actions, Rollovers, Events and Objects	I am able to add interactive elements to my such as buttons that change when the user rolls the mouse over them.		
Creating Forms	I am able to collect data from my users by asking them to fill out forms online.		
Animation & Movement with Timelines	I am able to use Dreamweaver to create animations.		
Incorporating JavaScript	I am able to incorporate javascripts that other people have written to my web pages and thus add features such as counters to my sites.		
Educational Applications of Web Design & Production	I am familiar with a variety of techniques for incorporating web-based materials in educational settings.		
Please comment on your goals for working in this area this year.			

Interactive Multimedia:

Area	Competency Target	Self-report 10 (excellent) to 0 (very poor)	Importance to me 10 (extremely) to 0 (not)
Working with Documents & Defining Properties	I feel comfortable when working in Macromedia Flash		
Tweening/ Animation Effects	I am able to create an animation in Flash using the "tweening" technique.		
Animation & Navigation Buttons	I am able to add buttons to my Flash creations that allow users to move independently through the creations. (buttons such as "next" and "previous")		
Streaming & Event Sounds	I am able to add sounds to my Flash creations in the way that I'd like to.		
Action Scripts & Components	I understand how Action Scripting in Flash works, and can add interactivity and programming to my creations.		
Educational Applications of Interactive Multimedia	I am aware of educational uses of interactive multimedia, and feel adept at identifying areas where such tools would be helpful educationally.		
Please comment on your goals for working in this area this year.			

II. Year-end envisioning due September 28

Envision yourself graduating from the program next summer. What would you like to see yourself being able to do with technology that you currently cannot do? (We expect this to be more than 1 paragraph, but less than 1 page)

Important: You should use specific terms and goals in your description, and explain why these goals are important. For example, "I'd like to be able to produce interactive animations in Flash so that I can develop materials for my high school biology courses . . ." is a sharper answer than "I want to learn Flash better."