

	Computer Applications (9th)	Advanced Computer Applications - DMACC (new 13-14)	Multimedia	Advanced Video Production I (new 13-14)	Advanced Video Production II (new 13-14)	Advanced Video Production III (13-14)	Web Design I	Web Design II (DMACC)	Programming I	Programming II	AP Computer Science	Virtual Reality I	Virtual Reality II	Virtual Reality III	Virtual Reality IV
Standard 2	Use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.														
Benchmark C:	Interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media.														
Objective	Collaborate with peers and/or experts to create a digital publication such as word processing document, spreadsheet, database, or presentation using a variety of different media.	Collaborate with peers and/or experts to create a digital publication such as word processing document, spreadsheet, database, or presentation using a variety of different media.	Collaborate with peers and/or experts to create a digital publication such as podcast, videos for DVD, and web products using a variety of different media.	Collaborate with peers and/or experts to create a digital publication such as professional-quality videos for multiple viewing options such as DVD and web using a variety of different media.	Collaborate with peers and/or experts to create a digital publication such as professional-quality videos for multiple viewing options such as DVD and web using a variety of different media.	Collaborate with peers and/or experts to create a digital publication such as professional-quality videos and special effects for multiple viewing options such as DVD and web using a variety of different media.	Collaborate with peers and/or experts to create a digital publication such as web pages using the most current version of HTML coding, using a variety of different media.	Collaborate with peers and/or experts to create a digital publication such as web pages using XHTML, DHTML, CSS, JavaScript, and/or a WYSIWYG editor, using a variety of different media.	Collaborate with peers and/or experts to create a digital publication such as original and creative programs using a variety of different media.	Collaborate with peers and/or experts to create a digital publication such as original business and gaming programs using a variety of different media.	Collaborate with peers and/or experts to create a digital publication such as original business and gaming programs using a variety of different media.	Collaborate with peers and/or experts to create a personal or educational 3D model using variety of different media.	Collaborate with peers and/or experts to create educational and business oriented 3D models using variety of different media.	Collaborate with peers and/or experts to create educational and business oriented 3D models using variety of different media from several different programs.	Collaborate with peers and/or experts to create an industry standard 3D models using variety of different media from several different programs.
Benchmark D:	Communicate information and ideas effectively to multiple audiences using a variety of media and formats.														
Objective	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through brochures, presentations, and other desktop publishing products.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through brochures, presentations, and other desktop publishing products.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through Podcasts, class Wikis, blogs, video, and PowerPoint.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through Podcasts, class website, blogs, social media, video, and PowerPoint.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through Podcasts, class website, blogs, social media, video, and PowerPoint.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through Podcasts, class website, blogs, social media, video, and PowerPoint.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through web pages, graphics, embedded resources.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through ecommerce web pages, graphics, embedded resources.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through personal programs using graphics and sound.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through business programs using graphics and sound.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through industry standard programs using graphics and sound.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through personal and educational models.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through educational and business models.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through educational and business models integrating several different programs.	Communicate ideas effectively using an array of media-rich formats, including distance and distributed education, while adapting to the needs of a specific audience through industry standard models integrating several different programs.
Benchmark E:	Appropriately contribute to project teams to produce original works or solve problems.														
Objective	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as word processing document, spreadsheet, database, or presentation.	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as word processing document, spreadsheet, database, or presentation.	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as PowerPoint, blog, podcast, videos for DVD, and web products.	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as professional-quality videos using the most current version of video editing software.	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as professional-quality videos using the most current version of video editing software.	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as professional-quality videos and special effects using the most current version of video editing software.	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as web pages using the most current version of HTML coding.	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as web pages using XHTML, DHTML, CSS, JavaScript, and/or a WYSIWYG editor.	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as original and creative programs.	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as original business and gaming programs.	Produce a project to solve a problem with a local or distant group using multiple technology tools and resources such as original industry standard programs.	Produce a project to solve a personal or educational problem with a local or distant group using modeling tools and resources using 3D modeling programs.	Produce a project to solve a educational or business problems with a local or distant group using modeling tools and resources using 3D modeling programs.	Produce a project to solve a educational or business problems with a local or distant group using modeling tools and resources using 3D modeling programs.	Produce a project to solve an industry standard problems with a local or distant group using modeling tools and resources using 3D modeling programs.