

Existing Pages on Math Dept Site - Conversion to New Site Project

Introduction to Project

All the existing content on math.sierracollege.edu must be converted to the newly designed site. This process may include converting existing content to new webpages or to PDFs or BOTH. Details for converting specific content are listed below or itemized in the following sheets. Some pages may be consolidated or removed altogether. The information on the current Math Department page (essentially the information from the Catalog) on the main site will also need to be included in the new site.

Pages to be converted have been assigned a Complexity score based on the existing content and the estimated work it will take to convert.

See MathDeptSite.docx for more information on the New Site (found in \\sc25\wwwroot\SiteUpdate2014).

Current Menu Items (Top Level Only)	Description of Existing Content	Action Needed for Inclusion to New Site
Home	Includes "Quick Links", "Announcements" and Math Center Hours	See "Home & Misc" Sheet in this Workbook
Selecting a Course	Submenu	See "Selecting a Course" Sheet in this Workbook
Math Resources	Submenu	See "Math Resources" Sheet in this Workbook
Math Center	Submenu	See "Math Center" Sheet in this Workbook
Faculty & Staff	Link to Faculty & Staff page	This page will be converted into a new alphabetically list of all Math Faculty and Staff with contact and personal site info
ALEKS	Link to ALEKS login	Link to be included on New Site
Fun Stuff	Submenu	See "Home & Misc" Sheet in this Workbook
Instructor Resources	Submenu	See "Home & Misc" Sheet in this Workbook
Math Colloquium	Link to Math Colloquium page	See "Home & Misc" Sheet in this Workbook
Canvas	Link to Canvas login	Link to be included on New Site
MyLab/Mastering	Link to MyMathLab	Link to be included on New Site

Notes on Server Content (sc25\wwwroot\)		
Algebra	Contains Resources.	See "Math Resources" sheet for conversion.
Alternatives		
ARCHIVE	Outdated material.	Nothing to convert.
AreYouReadyforMath		
aspnet_client	No Content.	
Assessment	Contains information for students to assist them in selecting a Math course and to help them evaluate their own skills. With some clean-up and conversion, it could be included in the new site. Folder includes Pre-Algebra, Algebra, Percalc, Calc. It does not exist in the current site.	
AssessmentExams		
Awards	List of 3 Outstanding Student awards.	Nothing to convert.
Calculus	Contains Resources.	See "Math Resources" sheet for conversion.
ClassFiles		
ClassFiles1		
CourseDescriptions		
Degree		
FacultyPICS	Personal pictures of Faculty.	Nothing to convert. Content can be displayed on faculty blogs.
Games		
Geometry		
GraphPaper		
Haircutdaypics		
ILP	Interrim ILP page for Spring 2014.	
ILPTopTen		
Images		
Instructor Platform Lists		
Instructor Resources		
Links		
LogChecker	No Content.	
MapOfCampus	Outdated material.	Nothing to convert.
Math Anxiety	No Content.	
MathCenter		
MathColloquium	Information about prior special lectures by faculty.	For conversion, see Chuck; "Home & Misc" sheet has details.
MathContest	Contains Math Contest info and samples.	See "Home & Misc" sheet for conversion.
Mathtree		
Old banner		
Password		
PLTL		
POW		
Prealebra	Outdated material for Sk.Dev. 581/582.	Nothing to convert.
Project1	No Content.	
Reference		
samples		
SLO		
Software		
Statistics		
Survey		
Templates		
TextList		
Trigonometry		
Web Stuff		
file: Home.asp	The current home page.	Nothing to convert.
files in wwwroot\	No Content.	
sc25\web-staff	Contains only staff pages.	Nothing to convert.

Math Department Site Summary

New Site:

Main Page Links and Content. "Home" MENU			Conversion Complexity*	Conversion Assigned to:
Existing Item	Description of Existing Content	Action Needed for Inclusion to New Site		
Campus Map		Not included.	-	-
Developmental Math	Lab page (no existing content)	New page on site for the lab with content needed by the program.	5	Consult with Walter and Elaine
ILP Math	Lab page (existing content)	New page on site for the lab with content needed by the program. Existing page content to be modified and included. Needs dates/deadline calendar for classes.	5	Consult with James and Tab
ALEKS		Included on Lab pages as needed		
iTunes U		Not included.		
Associate Degree		Included in general department info.		
Faculty e-mail		Include in Faculty Resources.		
Other Math Links		Not included. Can be included in Faculty blogs as desired.		
Instructor Teaching Platforms for Fall 2013		Include in Faculty Resources.		
Textbook List for Fall 2013		Include in Faculty Resources.		
Sierra MyMathLab Portal		Requires update before it can be included. Specifically, links to very old and dubious content on the "browser tune-up" page and 2 broken links for "Browser Check"		
www.interactmath.com		Include on Lab pages.		
Math Center web page	Link to Math Center page. Lists hours, location and contact info.	Covered on the Math Center page.	-	-
What do math professors do...	Personal pictures of faculty.	No conversion, can be included in personal blog if desired.	-	-
Home > Printing	Link to Sierra College Printing	Include link in Faculty Resources	1	

*Conversion Complexity: 1-Easy to 5-Hard; ?-Inclusion questionable

"Fun Stuff" MENU			Conversion Complexity*	Conversion Assigned to:
Existing Menu Item	Description of Existing Content	Action Needed for Inclusion to New Site		
Math Contests	Page detailing the Annual Math Contest. Includes links to 6 sample tests and answers.	Information should be updated and upcoming contests should be included in the Math Dept. Events calendar. Sample tests and answers should be converted to PDF. Consult Ken on further conversion details?	3	
Games > (4 subpages)	3 pages of logic-style puzzle games and 1 link to an outside Sudoku site.	Could be converted if desired and included in resources.	?	
History of Mathematics	Link to an outside page circa 1998.	Not included in new site.	-	-

*Conversion Complexity: 1-Easy to 5-Hard; ?-Inclusion questionable

"Instructor Resources" MENU			Conversion Complexity*	Conversion Assigned to:
Existing Menu Item	Description of Existing Content	Action Needed for Inclusion to New Site		
Teaching Supplies		Include in Faculty Resources as a basic list of available supplies with instructions to visit the Math Center to check them out for classes or more information.		
Responsible Persons List		Include in Faculty Resources (may be moved to sc10 or insideSierra, if so, include information on those locations)		

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"Math Colloquium" MENU			Conversion Complexity*	Conversion Assigned to:
Existing Menu Item	Description of Existing Content	Action Needed for Inclusion to New Site		
Fall2013	Lists the talks done in Fall semester. Prior semesters exist only on sc25.	Recommend this be converted to a blog. Old talks can be converted and posted, new talks will be added as they occur (infrequent). Blog to be managed by Chuck and IA's? New talks to be announced on Main page as upcoming Department events.	2	Chuck?

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Math Department Site Summary

New Site: Containers or pages under a main dept page

Much of the content included on these pages will be rolled into the general information about the department and the classes offered. Information for students attempting to select a course, including the "Math Tree" course progression diagram, should be included as part of the general department information. Details for "types" of classes (such as comp. mediated and ILP) should be detailed when courses are described. Assessment and course selection topics will be included as a major subsection (format TBD).

"Selecting a Course" MENU			Conversion Complexity*	Conversion Assigned to:
Existing Menu Item	Description of Existing Content	Action Needed for Inclusion to New Site		
Open/Closed Classes	Link to the Class Schedule	Link to be included in the Sierra College dropdown.	-	
Math Tree	The "Math Tree" in table format with links to descriptions of the course and outcomes. Material undated, uncertain validity.	Update/revise and include with general department information. Current catalog information should be included	3	
Course Descriptions	Page containing links to Course Descriptions fro all Math classes as generated from the WEBCMS database.	This is primarily for the benefit of Part Time Faculty and can be included as a link in Faculty Resources.	2	
Algebra Alternative > Individual Learning Program (ILP)	Out of date. Describes characteristics of ILP classes, the types of students who would benefit and resources offered by these classes.	Update/revise and simplify, include with general department information.	2	
Algebra Alternative > Computer Mediated	Describes characteristics of "computer mediated classes" AKA "hybrid" online classes, the types of students who would benefit and resources offered by these classes.	Update/revise and simplify, include with general department information.	2	
Algebra Alternative > Traditional Classroom	Basic description of a typical Math class.	Can be included with general department information, for comparison with special types of courses. Types should include any more recent additions as well (such as Lynn HB's cultural math class and online classes using MML/ALEKS)	2	
Top Ten reasons to take ILP	Describes key features of the ILP program.	Should be revised and included under the description of the ILP courses as listed above.	1	
Developmental MATH	Link to an undeveloped page for the Dev. Math Lab	This should be like the pages for the Math Center and the ILP, detailing any pertinent information for the Dev. Math program.	4	Consult with Walter and Elaine
ALEKS	Link to the ALEKS website.	Included as needed on Lab pages.		
Assessment Testing > Sierra College Assessment Home Page	Link to a page on the main site.	Link to the assessment page can be included in general dept info. More content can be added by department at a later date if desired	1	Needs Dept. Input
Assessment Testing > Sample Assessment Test	Link to a PDF of a sample test. Unknown if out of date.	May need to be updated. Can be included under resources or linked from Assessment sections.	?	
Math Anxiety	Page with no content.	Do not include. Content can be added by department at a later date if desired.	-	Needs Dept. Input

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Existing Pages on Math Dept Site - Conversion to New Site Project

Math Resources Site Summary

New Site: 1 page per topic, side bar menu navigation

"Math Resources" MENU			Conversion Complexity*	Conversion Assigned to:
<i>Currently contains links to many pages with helpful formulas and information or practice problems. Most of the content is in plain html and has MathType images with no alt text.</i>				
Existing Menu Item	Description of Existing Content	Action Needed for Inclusion to New Site		
Algebra > Basic Formulas	Formulas, Properties and Simple Operations	Convert to all MathType with LaTeX Alt text Create downloadable PDF	2	
Algebra > Conics	Comparison of Features, Formulas and Graphs	Convert to all MathType with LaTeX Alt text Create downloadable PDF	2	
Algebra > Review Problems > Basic Operations	35 problems separated by category Link to list of answers	Convert to all MathType with LaTeX Alt text Create downloadable PDF - includes questions and answers	3	
Algebra > Review Problems > Factoring	66 problems separated by category Link to list of answers	Convert to all MathType with LaTeX Alt text Create downloadable PDF - includes questions and answers	3	
Algebra > Review Problems > Fractions	28 problems separated by category Link to list of answers	Convert to all MathType with LaTeX Alt text Create downloadable PDF - includes questions and answers	3	
Algebra > Review Problems > Radicals	37 problems separated by category Link to list of answers	Convert to all MathType with LaTeX Alt text Create downloadable PDF - includes questions and answers	3	
Algebra > Review Problems > Equations	44 problems separated by category Link to list of answers	Convert to all MathType with LaTeX Alt text Create downloadable PDF - includes questions and answers	3	
Algebra > Review Problems > Logarithms	123 problems separated by category Link to list of answers	Restructure first section to be more readable Convert to all MathType with LaTeX Alt text Create downloadable PDF - includes questions and answers	5	
Geometry > Fundamental Formulas	Formulas and their Graphical Representation	Convert to all MathType with LaTeX Alt text Create downloadable PDF	2	
Geometry > Geometric Formulas	Formulas for Shapes and their Graphical Representation	Convert to all MathType with LaTeX Alt text Create downloadable PDF	2	
Trigonometry > Identities	Common Trig Identities	Convert to all MathType with LaTeX Alt text Create downloadable PDF	2	
Trigonometry > Review Problems > Basic Review	16 categories and sets of problems Link to list of answers	Renummer problems continuously Convert to all MathType with LaTeX Alt text Create downloadable PDF - includes questions and answers	4	
Trigonometry > Review Problems > Word Problems	52 word problems, some with images Answers are not available	Convert to all MathType with LaTeX Alt text Create downloadable PDF - includes questions and answers Answers should be included, a printout of them exists in the Math Center, a digital copy might exist on sc25	2	
Calculus > Expectations	Checklist of prerequisite topics with links to a topic review page (Geometry, Algebra, Trig)	Most links are broken or lead to more a page with broken links. Update content. Possibly cross-linked with Assesment sections. Link to correct resource pages.	1	
Calculus > Derivative Table	Common Derivatives	Restructure formating, expand list Convert to all MathType with LaTeX Alt text Create downloadable PDF	1	
Calculus > Integral Table	Links to 10 pages for lists of specific forms of Integrals	Restructure into continuous list with subdivisions Convert to all MathType with LaTeX Alt text Create downloadable PDF - ensure printer friendly	5	
Calculus > Hyperbolic Functions	Compares Trig and Hyperbolic functions Includes Inverses, Derivatives and Integrals	Convert to all MathType with LaTeX Alt text Create downloadable PDF	3	
Calculus > Series > Common	Power series for common functions	Include intro or brief explanation (column headers) Convert to all MathType with LaTeX Alt text Create downloadable PDF	1	
Calculus > Series > Series Tests	Summary table of Tests for Series	Convert to all MathType with LaTeX Alt text Create downloadable PDF	1	
Statistics > Formulas	Table of common Stats formula	Include description of variables used Convert to all MathType with LaTeX Alt text Create downloadable PDF	2	
Graph Paper	Link to a program that creates printable graph paper (GraphPaper.exe) Links to PDFs of various types of Graph Paper grids	What is program? Where did it come from? Should it be included? Update footers in document to include correct link and "Math Department" Originals found on sc25? Is this usefule to include?	?	
ILP Math	Link to ILP Site	Remove (ILP page now part of main site)	-	-
Math Links	Table of links to outside sites which contain information on various categories of math	Many links are no longer valid. If an analog to this page is created, use only new links requested by Faculty	?	
Reference Material > Greek	Greek alphabet with uppercase and lowercase	Remove sound, relabel columns, handwriting example or instructions? Create downloadable PDF	?	
Reference Material > Testing Tips	List of 8 tips for taking tests under a time limit	Evaluate usefulness, update content	?	
Reference Material > Unit Converter	Scripted calculator to convert units of Distance, Weight and Volumn (written by outside source)	Google does this for all these units and more. Is this still useful? Is a list of conversion factors and SI units more helpful?	?	
Software	Links to software with description and license info	Information is out of date. Links go to other sites, some no longer updated, some programs no longer purchased by department, some shareware. Update to include only needed software, update license instructions.	?	
www.interactmath.com	Links to InterActMath (Pearson site) Link also currently on Math Dept home page	Include link where MyMathLab is? Include link in resources with description?	-	-

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Existing Pages on Math Dept Site - Conversion to New Site Project

Math Center Site Summary

New Site: 1 page Math Center, 1 page Tutoring; default home page in V-329.

The Math Center content can be easily consolidated into one page detailing the function and operation of the Math Center and a second page detailing the job of tutors. The new Math Center page should additionally include the Math Dept. Events calendar and links to ALEKS and MyMathLab for students as this will be the default home page of computers in the Math Center and should be a one-stop hub of information and access.

"Math Center" MENU			Conversion Complexity*	Conversion Assigned to:
<i>Currently has links to 4 pages (2 extra pages linked from these) describing the services available and requirements for becoming a tutor. Several pages have bad links.</i>				
Existing Menu Item	Description of Existing Content	Action Needed for Inclusion to New Site		
Math Center Hours and Schedules	Location, Hours and Contact info. Description of Math Center purpose and function.	Information edited and updated. Hours and location will be in the "contacts" format (as on the sierracolleg.edu Math Center page).	1	
Who We Are and What We Offer	A list of services offered in the Math Center.	Information should be edited, updated; consolidate with other pages.	1	
How to use this FREE service	Similar information as on Hours page.	Information should be edited, updated; consolidate with other pages.	1	
How to become a Math Tutor	Information on requirements for tutors, tutor duties and pay rates.	Information edited and updated. This information will be included in a page describing all Math tutoring available at different locations (MC, ILP, Dev, LRC?).	1	
Who We Are and What We Offer > Mathematics and Microsoft Software	Link at bottom of parent page. Contains lists of software installed circa 2005.	Information out of date. If such information is to be included, add to the description of the Math Center services.	-	-
How to become a Math Tutor > Position Descriptions	Link at bottom of parent page. Lists the job descriptions for Tutor I/II/III.	Information out of date. Information should be edited, updated; consolidate with other tutor pages.	2	

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