A_{cademic} R_{esource} C_{ore} LINKS

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ARC is an acronym for <u>A</u>cademic content of Internet <u>R</u>esources for the <u>C</u>ore subject areas at the college level.

"An investment in knowledge pays the best interest."
Benjamin Franklin, Poor Richard's Almanack

INTERNET LINKS FOR TUTORIALS AND OTHER RESOURCES IN VARIOUS ACADEMIC SUBJECTS
(Note: Plug-ins may have to be downloaded to use all resources. Some sites require a fast, high bandwidth Internet connection.)

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(2 The Accounting Page (Univ. of Wisconsin)

(3 Business Law - Lecture notes(Dr. R. Ramlogan, Univ. of the West Indies)

(4 Financial Management Topics - free short courses online (Matt H. Evans, Financial Management Training Center)

(5 Financial Accounting I - lecture notes & other course resources (Pat Bouker, North Seattle Community College)

(6 Intro. to Finance - lecture notes & problem sets w/solns (Brad DeLong, Univ. of CA at Berkeley)

(7 Intermediate Accounting II: Power Point Lecture Notes (Dr. Lewis Shaw, Suffolk Univ.)

(8 Intermediate Accounting I: Course Notes & other Web resources(Univ. of Memphis)

(9 Business mathematics/Finance tutorials from TeachMeFinance.com

(10 IRS Tax Forms that can be downloaded & Changes in Tax code (Internal Revenue Service, U.S. Dept. Treasury)

(11 Financial Accounting: Lecture Notes - power pt format (Michael C. Knapp, Univ of Oklahoma)

(12 Accounting Resources: Electronic Journals, Handbooks, Databases, & more (Run Run Shuw Library, City Univ. of Hong Kong)

(13 Auditing: Lecture Notes, sample exams, cpa test questions (Univ. of Wisconsin)

(14 U.S. Taxcode Online (John Walker)

(14 Power Point Presentation for each chapter -- Textbook website -- *Intermediate Accounting, 5th Ed., Dyckman, Davis, Dukes* (McGraw-Hill Irwin)

(15 Textbook website that accompanies ACCOUNTING, 20th Ed., by Warren, Reeve, & Fess - electures by Chapter, Excel applications, FAQ, Interactive quizzes, & Review Problems (Thomson / Southwestern)

(16 Interest Calculators - extensive collection of online calculators for numerous financial applications (Interest.com)

(17 Intermediate Accounting I - Power Point Lecture Notes (Dr. Lewis Shaw, Suffolk Univ.)

(18 Financial Accounting II - lecture notes & other course resources (Pat Bouker, North Seattle Community College)

(19 Managerial Accounting - lecture notes & other course resources (Pat Bouker, North Seattle Community College)

(20 Cost Accounting - lecture notes & other course resources (Pat Bouker, North Seattle Community College)

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(2 College Trigonometry (Marcel Finan, Arkansas Tech University)

(3 Extensive online review of topics from Algebra/Trig. or Pre-Calculus (FHS Precalculus)

(4 Online Tutorials in topics from Algebra, Trigonometry, & Geometry including animated applets (Zona Land: More Math. than Science)

(5 Algebra Solutions - Equation solver, minilessons, & practice problems w/ step-by-step solutions (GoMath.com)

(6 Plane Trigonometry / lecture notes - .pdf slides & .pdf printable version (Mathematics Dept., L.S.U.)

(7 Algebra topics needed for an Alg/Trig Course - Lecture notes w/example problems (Jean Coffman)

(8 Complex Numbers: Tutorial (Math Abundance)

(9 Intro. To Trigonometry: Tutorial (Math Abundance)

(10 Trigonometry(including Trig. Identities): Tutorial (ACTS Networks - Name Project)

(11 Short Course in Trigonometry: Tutorial and Exercises (Clark Univ.)

(12 Graphing Functions Interactively in Pre-Calculus, Calculus, & Differential Equations (Math Manipula w/ Java, IES)

(13 Determinants (Johan Claeys)

(14 Dave's Short Course On Complex Numbers (David Joyce, Clark Univ.)

(15 Algebra & Trigonometry - Lecture notes w/example probl & solns. (Jerry A. Veeh, Auburn Univ.)

(16 Trigonometry Tutorial w/online exercises (S.O.S. Math.: Trigonometry)

(17 Pre-calculus w/ trig - lecture notes (Dave Clausen, LaCanada High School)

(18 Engineering Mathematics I - course notes, tutorials, & practice exams (I. Craw, S. Dagger & J. Pulham, Univ. of Aberdeen)

(19 Plane Geometry Tutorials *NOTE: view with Internet Explorer* (NHW NSC Online)

(20 Elementary Geometry eBook (HomeSchool.Math)

(21 Geometry Solutions - calculator calculates perimeter, lateral & surface area, & volume of plane and solid geometric figures (GoMath.com)

(22 Pre-calculus - Practice exams w/ soln. & Lab Materials w/interactive tutorials & exercises (Dept. of Mathematics, Univ. of Rhode Island)

(23 Companion website for text ALGEBRA AND TRIGONOMETRY (2nd Ed) by Blitzer - Includes practice tests, PowerPoint lecture slides, Graphing calculator tutorial, study guide, & student solutions manual (Prentice-Hall, Inc.)

(24 WEBTRIG - trigonometry tutorials in .pdf format & online flashcards (Dr. Thomas Price, Univ. of Akron)

(25 EMR - tutorials & practice problems w/ solns in topics from Algebra, Trigonometry, set theory, and techniques for proofs (Stephen Rempel, Univ. of Saskatchewan)

(26 streaming video lectures of topics in Trigonometry - *Requires REAL PLAYER*(Polya Math Center, University of Idaho)

(27 Trigonometry Help - tutorials explain and illustrate the major topics in Trigonometry (Honlyn Limited)

(28 Trigonometry Tutorials & Problems w/examples explained in detail step by step (A Dendane)

(29 Video lessons to accompany the text <u>Precalculus: Mathematics for Calculus</u>, 4th edition, by Stewart, Redlin & Watson (Tallahassee Community College Math Center)

(30 Algebra, Trigonometry, & Limits - lecture notes w/ examples (JCoffman.com)

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(2 Dynamic Human: 3D Visual Guide to Anatomy/Physiology

(3 Cyber Anatomy Tutorials (Dr. Donal Shanahan

(4 Human Anatomy Online tutorial (Intellimed)

(5 Master Muscle List: Tutorial (Loyola Univ.)

(6 Tutorial, "Guided Tour of the Visual Human"

(7 The Whole Brain Atlas (K. A. Johnson & J. A. Becker (Harvard Medical School)

(8 Web Anatomy - Illustrated interactive human anatomy quizzes on each Organ System (Murray Jensen, Univ. of Minnesota)

(9 Anatomy of human brain: Online tutorial & quizzes (Hanover College)

(10 Anatomy & Physiology II - course notes (Dr. Daley, North Carolina Wesleyan College)

(11 Anatomy & Physiology I & II - Lecture Notes (Dr. F. Martini, Dept. of Biology, Community College of Philadelphia)

(12 Virtual Tour of Ear Tutorial

(13 Muscles in Action: Animations (Univ. of Michigan)

(14 Significant Body Systems w/ Anatomy (PATTS)

(15 Mind and Machine Module (S. Catterall, Syracuse Univ.)

(16 Nervous system: Action Potentials - Tutorials w/ animations

(17 Muscles Tutorial

(18 Eye & Vision Tutorial

(19 Brooks / Cole Biology Resource Center - websites that accompany various textbooks in Biology - (1 Click on STUDENT RESOURCES (2 Select a textbook on Physiology (The Thomson Corporation)

(20 Human Physiology: Lecture notes, study guides, anatomical drawing, and other web resources (Frank Orme)

(21 Anatomy & Physiology I: Lecture Notes & Study Guides (V. Scialli, Hillsborough Community College)

(22 A & P I and A & P II - power pt. lecture notes, practice exams, practice lab practicals. A & P links includes tutorials, slide photos, videos arranged by organ systems (Alex Imholtz,)

(23 Comparative Physiology: A Streamed Video Course (University of South Carolina)

(24 Anatomy and Physiology II - Lecture Notes & Study Guides (V. Scialli, Hillsborough Community College)

(25 Anatomy & Physiology I & II - lecture notes, lab practicals, practice exams w/answer keys (A. Imholtz, Prince George's Community College)

(26 AP Lab - A Website for Human Anatomy & Physiology (R. Gillis, G. Brice, & K. Hoar, Univ. of Wisconsin - LaCross)

(27 Anatomy & Physiology I and II - lecture notes and study guides (V. Scialli, Hillsborough Community College)

(28 Human Anatomy & Physiology - notes (Dr. N. D. Sossong)

(29 Gray's Anatomy of the Human Body - online text (Bartleby.Com)

(30 Anatomy and Physiology II - lecture notes (P. Slavin, Burlington County College)

(31 Anatomy and Physiology - tutorials & other web resources (J. G. Johnson, Frederick High School)

(32 Gen. Human Anatomy - streaming video lectures (UC-Berkeley)

(33 Textbook website to accompany HOLE'S HUMAN ANATOMY & PHYSIOLOGY, 9th Ed. by Shier, Lewis, & Butler - interactive resources including labeling exercises, flash card, & quizzes (McGraw-Hill Online Learning Center)

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(2 Intro. to Structural Design: Lecture notes & practice quizzes (Univ. of Virginia)

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(4 Engineering Graphics: lecture notes (Dr. Stephen Crown, Univ. of TX-Pan American)

(5 Soils & Hydrology - lecture notes, sample quizzes & sample exams (B. Miller & T. Rasmussen, Univ. of Georgia)

(6 Engineering Graphics - Interactive lecture notes, handouts, & other web resources (J. Roessler, Univ. of Wisconsin)

(7 Economic Engineering Analysis: lectures, homework w/ solns, sample exams (Chan S. Park, Univ. of Washington)

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(2 Online Music Resource (Music Technology Learning Center)

(3 Resources for study of Art History (Dr. C. Witcombe, Sweet Briar College)

(4 Art Site Links (Hudmark Internet Publishing)

(5 Online Field Trips (Houston Community College)

(6 Art of the Western World - notes, study guides, video guides (practice exams w/answers) (Prof. Hudelson, Palomar College)

(7 Links to Art Museums around the world (Deirdre McAnally)

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(2 Assembly Language Programming - lecture notes, lab downloads, handouts (D. Anderson, Stanford University)

(3 Computer Architecture & Microprocessor Systems - lecture notes (Michael Manzke, Trinity College)

(4 Assembly Tutorials for IBM PC (Indira Ghandi National Open Univ.)

(5 Assembly Language - Tutorial (OSdata.com)

(6 Assembly Language Style Guidelines (Randall Hyde, Univ. of CA - Riverside)

(7 Assembly Language Programming (Intel chips): Instruction Set (Southern Cross Univ.)

(8 Microprocessors (intel) Home Page - course notes, sample tests, labs using Masm (Robert Reese, Mississippi State Univ.)

(9 Microprocessor Instruction Set Cards (J. Bowen, Virtual Museum of Computing)

(10 Microprocessor Instruction Set Cards (Oxford Univ.)

(11 Microprocessor Interfacing Techniques -- lecture notes (J.K. Drummond, Univ. of Toronto)

(12 Microprocessors (Intel): Hardware information / Internet Resources for microprocessors (Dr. Dobb's Journal)

(13 Microcontroller/Microprocessor Online Reference Site

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(2 Intro. to CAD/CAE/CAM - lecture notes (Z. Dong, Dept. Mech Eng, Univ. of Victoria)

(3 Tutorial Creating Architectural Environments with 3D Studio Viz (OpenCad International, Inc.)

(4 Intro. to Engineering Graphics & Visualization - lecture notes (Dept. of Civil & Environmental Engineering, Georgia Tech Univ.)

(5 AutoCad Online Tutorials (CADTutor, David Watson)

(6 AutoCad Tutorials - free movie demos (HuntFor.com)

(7 AutoCad 2000i Tutorials (Dr. Alice Scales, NC State Univ.)

(8 AutoCad tutorials (myCADsite.com)

(9 Learning AutoCad R12, R13, R14 (Univ. of New South Wales)

(10 DR. DWG AutoCad web resources

(11 AutoCad 2000 - Tutorials by topic and free online course. *To access the free course you must register first. Registration requires an email account.* (Deadwood Doc & Mail)

(12 AutoCad 2000: Tutorial - Using Partial Open & Partial Load to work with large drawing files (OpenCad International, Inc.)

(13 AutoCad 2000 Online: Beginning & Advanced Tutorials (Autodesk Press)

(14 Introduction to Engineering Graphics & Visualization - lecture notes & lab notes in slides format (Dr. Nelson Baker, Georgia Tech)

(15 Engineering Graphics - lecture notes in power pt format (Dr. Steven Crown, Univ. of TX-Pan American)

(16 AutoCad Central: Tutorials, Forum, News & Links (Alex Hinchcliffe)

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(1 Automobile Information Website: Repair and Maintenance w/ over 3000 questions answered by ASE techs (AutoRepairGuy.com)

(2 How Car Engines Work - animated tutorials covering the operation and troubleshooting of internal combustion engines (HowStuffWorks, Inc.)

(3 Auto 101 - Automotive Electronics: Tutorials, Tests, Links, & Technical Articles (Kevin Sullivan)

(4 Understanding Your Car - The Family Car Classroom on the Web (SmartTrac Computer Systems, Inc.)

(5 Automotive Tutorials & Tips (Knowledge Hound, LLC)

(6 Engines - tutorials (Paul's Garage)

(7 Brakes, steering, & suspension: Course notes from Southern Illinois Univ.

(8 Drive Trains: Course notes from Southern Illinois Univ.

(9 Four stroke internal combustion engine: Tutorial from Southern Illinois Univ.

(10 Automotive Air Conditioning Information Server: Tutorials & other web resources (Aircondition.Com)

(11 Automotive emissions tutorial

(12 Autopedia

(13 Online Dictionary of Automotive Terms (AutoSpeak Shade Tree Mechanic)

(14 AutoShop 101: Tutorials on each Subsystem

(15 Automotive Systems I - tutorials (Free-ed.net)

(16 *Tutorials on charging and cooling system*(BatteryStuff.com)

(17 Steve Litt's Overheating Guide (S. Litt, Troubleshooters.com)