



LYCEUM OF THE PHILIPPINES UNIVERSITY
Manila . Makati . **Batangas** . Laguna . Cavite

PATHFINDER

IT and EDUCATION



SLRC

INTRODUCTION

A pathfinder is a guide to the literature and resources in a particular subject area. It is a subject oriented research guide designed to encourage researchers a self-directed use of the library.

The Reference/Periodical Section provides pathfinders basically to support students and faculty in their search for recorded literature and resources available at the S.H.L. Learning Resource and accessible on the Net.

This pathfinder on **INFORMATION TECHNOLOGY AND EDUCATION** consists of 14 titles of books; 5 titles of CDs/DVD's; 1 title of Pamphlet; 14 titles of Theses; 17 titles of Printed Journals; and 44 e-journals from online databases Academic OneFile.

Should you have comments or suggestions on this pathfinder, please call us at 723-07-06 local 113/114 or send message to lpuslrc_main@yahoo.com

INFORMATION TECHNOLOGY AND EDUCATION

Scope note and definition:

Information Technology (IT) is a business sector that deals with computing, including hardware, software, telecommunications and generally anything involved in the transmittal of information or the systems that facilitate communication.

Source:

(<http://www.techopedia.com/definition/626/information-technology-it>)

BOOKS
(Circulation Section)

Aveson, David O. (2009). Information systems project management. Los Angeles, CA.: Sage. 004.068 / Av958i

Baldauf, Kenneth J. (2009). The world of information technology. Australia : Cengage Learning. 004 / B175w.

Baltzan, Paige O., Phillips, Amy O. (2011). Information systems. New York, NY : McGrawHill. 004.068 / B179i.

Grawes, Michael W. (2009). Computer technology encyclopedia : quick reference to students and professionals. New York : Delmar Cengage Learning. 004.0322 / G776c.

Herrington, Jan O. (2010) A Guide to authentic e-learning. New York: Routledge. 371.25 / H567g

Kirk, Amanda O.(2009). Information Technology. Ferguson: New York. 004.023 / K59i.

Plant, Robert O. (2007). An executive`s guide to information technology : principles, business models and terminology. New York: Cambridge University Press. 002.0246 / P713c.

- Pritchard, Alan O. (2007) Effective teaching with internet technologies pedagogies and practice. London: Paul Chapman Pub. 371.33 / P961I
- Reynolds, George W. (2010). Ethics in information technology. Australia : Course Technology. 174.9 / R463e.
- Sell, Peter B. (2012). Digital universe : the global telecommunication revolution. West Sussex, UK: Wiley-Blackwell. 621.382 / Se452d.
- Stair, Ralph, Jr. (2009). Discovering information technology. Discovering information technology. Australia: Cengage Learning. 004 / B175w.
- Stair, Ralph, Jr. (2009). Introduction to information systems. Hoboken, NJ: John Wiley & Sons. 004 / R155i.
- Synder, Lawrence H. (2006). Fluency with information technology : skills, concepts and capabilities. Boston: Pearson Addison Wesley. 004 / Sn675f
- Williams, Brian K. (2010). Using information technology : a practical introduction to computers and . Boston : McGraw – Hill. 004 / W 721u.

**CD's/DVD's
(Internet/Electronic Research Section)**

Irwin, R. (1995). Info tech interactive: interactive applications in information technology. CD 029.

O'Leary, T. (2005). Computing essentials. CD 484.

Parsons, J. (2008). Computer concepts: introductory. CD 795.

Parsons, J. (2000). Computer concepts: comprehensive. CD 049.

Parson, O. (2002). New perspective : computer concepts. CD 089.

**PAMPHLET
(Reference & Periodical Section)**

Long-lived digital data collections: enabling research and education in the 21st century. (2005). Arlington. VA : National Science Foundation. P025.04 L848

THESES
(Reference & Periodicals Section)

- Abanes, May Ann B., et al. (2006) E-learning on multimedia concepts using Macromedia flash MX. BSCS598
- Alteza, Ruel B., et al. (2006) E-learning on desktop publishing. BSCS593
- Ayap, Geoffrey C., et al. (2009) E-learning data structures using visual C++. BSCS634
- Bagos, Maribel B., et al. (2010) E-learning on web page programming. BSCS 659
- Bagxic, Jane G., et al. (2012) Online Midterm gradebook for College of Computer Studies of Lyceum of the Philippines University. BSIT702
- Bangloy, Michael Ben M., et al. (2006) E-learning on Microsoft powerpoint XP. BSCS590
- Cleofe, Pastor E., et al. (2010) On line Practicum Monitoring System for Lyceum of the Philippines University Batangas campus. BSCS654
- De Torres, Edgardo, Jr. B. (2008) Classroom allocation system (CAS) of Lyceum of the Philippines – Batangas. BSCS625

- Domingo, Melody M. (2006) An automated class record for Lyceum of Batangas. BSCS604
- Ilagan, Aileen Rose B. (2008) Information technology program implementation in Lyceum schools. MBA 115.
- Lumanglas, Benedict P., et al. (2012) Computerized classroom allocation system for LPU: An enhancement. BSIT724
- Manalo, Christine Joan C. (2009) E-learning in digital design. BSCS638
- Maranan, Gladys T. , et al. (2006) E-learning on basic PC troubleshooting. BSCS602
- Rivera, John Ryan E., et al. (2006) E-learning on web page development. BSCS 601

JOURNALS
(Reference & Periodicals Section)

- Adams, Jonathan (2007, Jan. 29). The internet trembles. Newsweek, p. 47+.
- Alday, Roselie B., Hernandez, Charnell.(2008). MyLyceumTechLearn – a learning management system for the Lyceum of the Philippines – Batangas: an instructional aid for teachers.

College of Computer System Research Journal.
Vol.8, p.1-6.

Alday Roselie, Panaligan, Alona B. (2010). Reducing math anxiety of CCS students through E-learning in analytic geometry. College of Computer Studies Research Journal, vol. 10, p. 26-32.

Banking on the internet. (2008, March). Computer World Phil., Vol. 18(9), p.24+. Beyond the diploma mills. (2008, Dec. 22). Newsweek, p10

Computer security in schools.(2009). Education Today, Term 4, p.34+.

Dawn of the web potato.(2007, Sept. 17). Fortune, vol. 156 (5), p28+.

Eala, Nicky. (2007, Dec.-Jan.). Driving access to technology. PC World Phil., Vol. 18 (10), p.69+.

Etcuban, Jonathan O. (2007, Sept.). Computer programming: its role and impact in teaching mathematics. The Modern Teacher, vol. 56 (4), p151+.

Macatangay, Luisa P. (2011) Tracer study of bachelor of science in computer science graduates of Lyceum of the

Philippines University from 2004-2009. College of
Computer Studies Research Journal, vol. 11, p. 8-14.

Marsan, Carolyn Duffy. (2011, Aug.). Getting the real truth
about IPv6. Computer World Phil., Vol. 21 (2),
p40+.

Messmer, Ellen (2008, March). 13 security myths you'll
hear but should you believe? Computer World
Phil., vol. 21 (8), p. 36 +.

Plenary speeches.(2010, Jan.). Language Teaching, vol.
43 (1), p.66+.

Seniors and technology: results from a field study. (2011,
summer). Journal of Computer Information
Systems, Vol. 51 (4), p22+.

Smith, Linda S. (2011, March). Thinking of going back to
school? Just do it! Nursing, vol. 41 (3), p52+.

Tranrisevdi, Addullah. (2011, Oct.-Dec.). Comparative
evaluation of the official destination websites from
perspective of customers. Journal of Marketing &
Management, vol. 20 (7-8), p740+. Oct.-Dec. 2011

Wolley, Scott. (2007, April, 23). Building the infinite
internet. Forbes Asia, vol. 3 (7), p. 36+.

Web enabled.(2010, Dec.). Computer Graphics World, p36+.

ONLINE JOURNALS (Electronic Research Section)

A, A., Ahmad, N. A., Kasmu, M. A., Muhamad, R., Sakat, A. A., & Zin, M. Z. M. (2012). Educational technology media method in teaching and learning progress. *Advances in Natural and Applied Sciences*, 484+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA292010716&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Anderson, L. E., Anderson, R. J., & Wielicki, T. (2010). Barriers to application of e-learning in training cativities of SMEs. *International Journal on E-Learning*, 9(2), 159+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA226014920&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Anitha, D. (2010). Proposing a knowledge management solution for e-learning. *International Journal of Management in Education*, 4(3), 316. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA228424881&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Benamati, J., & Lederer, A. L. (2010). Managing the impact of rapid IT change. *Information Resources*

Management Journal, 23(1), 1+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA215304977&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Biancarosa, G., & Griffiths, G. G. (2012, Fall). Technology tools to support reading in the digital age. *The Future of Children*, 22(2), 139+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA306859396&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Bordonaba-Juste, V., Lucia-Palacios, L., & Polo-Redondo, Y. (2012, January). The influence of organizational factors on e-business use: analysis of firm size. *Marketing Intelligence & Planning*, 30(2), 212-229. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA288098855&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Buchen, I. H. (2010). Customizing online learning. *Distance Learning*, 7(3), 41+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA283946696&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Cahu, J., & Cheng, G. (2010). ePortfolio, technology, and learning: a reality check. *Journal of Interactive Learning Research*, 21(4), 465+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA262355962&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Catalano, F. (2010, August). An inside look at ISTE10 from the blogosphere: ISTE 2010 highlights. *Technology & Learning*, 31(1), 22+. Retrieved from

<http://go.galegroup.com/ps/i.do?id=GALE%7CA237942287&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

- Celik, V., & Yesilyurt, E. (2013). Attitudes to technology, perceived computer self-efficacy and computer anxiety as predictors of computer supported education. *Computers & Education*, 60(1), 148+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA307305967&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>
- Cerratto-Pargman, T., Jarvela, S. M., & Milrad, M. (2012). Designing Nordic technology-enhanced learning. *The Internet and Higher Education*, 15(4), 227+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA300812689&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>
- Chai, C. S., & Lim, C. P. (2011). The Internet and teacher education: Traversing between the digitized world and schools. *The Internet and Higher Education*, 14(1), 3+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA243731791&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>
- Chen, L.-H. (2010). Web-based learning programs: Use by learners with various cognitive styles. *Computers & Education*, 54(4), 1028+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA220002048&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>
- Chu, Y.-M., Hsu, L.-L., & Yang, J.-T. (2010, June). A study of analysing IT digital coping strategies. *Informatica*, 34(2), 177+. Retrieved from

<http://go.galegroup.com/ps/i.do?id=GALE%7CA232715916&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Cubides, J. H., Matallana, A. M., Peregrino, L. E. P., Perez, F. R., & Pinilla, A. M. (2011). TEACH-ME: implementation of mobile environments to the teach--learning process. *Journal of Information Systems & Technology Management*, 8(1), 179+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA257859690&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Demirel, T., & Goktas, Y. (2012). Blog-enhanced ICT courses: Examining their effects on prospective teachers' ICT competencies and perceptions. *Computers & Education*, 58(3), 908+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA276099124&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Dilworth, P., Donaldson, A., George, M., Knezek, D., Robinson, S., Searson, M., ...Tillotson, J. (2012). A framework for instructional innovation in the preparation of tomorrow's teachers. *Journal of Digital Learning in Teacher Education*, 28(4), 130+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA292992626&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Ding, M., Li, J., Wu, K., & Zhang, X. (2012). Image quality assessment based on multi-channel regional mutual information. *AEUE - International Journal of Electronics and Communications*, 66(9), 784+. Retrieved from

<http://go.galegroup.com/ps/i.do?id=GALE%7CA292571228&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Eckstein, S. (2011). Staying connected, informed, and organized utilizing Novell GroupWise. *Distance Learning*, 8(1), 17+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA284016024&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Elahi, S., Hassanzadeh, A., & Kanaani, F. (2012). A model for measuring e-learning systems success in universities. *Expert Systems With Applications*, 39(12), 10959+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA290180811&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

El-Ghareeb, H., & Riad, A. (2011). Empowering adaptive lectures through activation of intelligent and web 2.0 technologies. *International Journal on E-Learning*, 10(4), 365+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA302107580&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Emotions and interpersonal skills for IT professionals: an exploratory study. (2010). *International Journal of Technology Enhanced Learning*, 2(3), 215. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA229962836&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Gonzales, L., Vodicka, D., & White, J. (2011, September-October). Leadership 2.0: social media in advocacy: how to leverage new technology tools to advocate for students and programs, market your

schools and strengthen your communities. *Leadership*, 41(1), 18+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA267032655&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Halverson, E. R. (2009). Digital literacies and the future of schools. *Journal of Computing in Teacher Education*, 26(2), 46. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA215514781&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Hockly, N. (2012, January). Digital literacies. *ELT Journal*, 66(1), 108-112. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA282266934&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Innovative ICT-supported pedagogical practices: results from the international study of information technology in education. (2010). *Journal of Computer Assisted Learning*, 26(6), 449+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA242464948&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Karim, D. (2012). Exploring head and deputy headteachers' attitude towards using computers in education. *International Journal of Information and Communication Technology Education*, 8(2), 20+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA294896334&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

- Kenney, S., Kuzma, J. M., & Philippe, T. (2010). Creating an information technology security program for educators. *International Journal of Business Research*, 10(1), 172+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA237448648&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>
- Lee, J.-W. (2010). Online support service quality, online learning acceptance, and student satisfaction. *The Internet and Higher Education*, 13(4), 277+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA241657896&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>
- Lincoln, M. (2010). Information evaluation & online coursework. *Knowledge Quest*, 38(3), 28+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA223527954&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>
- Masadeh, S. R., Obisat, F., & Turab, N. (2012). A secure model for building e-learning systems. *Network Security*, 2012(1), 17+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA278339515&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>
- Newhouse, C. P. (2011). Using IT to assess IT: Towards greater authenticity in summative performance assessment. *Computers & Education*, 56(2), 388+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA241651693&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Perez, L. (2012). Innovative professional development: expanding your professional learning network. *Knowledge Quest*, 40(3), 20+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA278786563&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Preparation versus practice: How do teacher education programs and practicing teachers align in their use of technology to support teaching and learning? (2012). *Computers & Education*, 59(2), 399+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA289490805&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Pujol, M. C., & Quintana, M. G. B. (2010). Effects of an ICT educational project on the students' digital literacy development. *International Journal of Technology Enhanced Learning*, 2(4), 309. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA238762242&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Punj, G. (2012). Income effects on relative importance of two online purchase goals: Saving time versus saving money? *Journal of Business Research*, 65(5), 634+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA281270302&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Roman, H. T. (2011, March). First aid challenge: often, everyday products provide examples of technology education in action. *Technology and Engineering Teacher*, 70(6), 18+. Retrieved from

<http://go.galegroup.com/ps/i.do?id=GALE%7CA251858348&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Rossi, P., & Tiscornia, D. (2011, January). ICT for networking research and education communities all around Europe: towards an ontology-based model for a collaborative platform of European law. *European Journal of Law and Technology*, 2(1). Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA257434778&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Rover, A. J., Ruschel, A. J., & Schneider, J. (2011, January). Using web technologies in the discipline of law and informatics. *European Journal of Law and Technology*, 2(1). Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA257434779&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Salim, S. S., & Yusoff, N. A. A. M. (2012). Investigating cognitive task difficulties and expert skills in e-Learning storyboards using a cognitive task analysis technique. *Computers & Education*, 58(1), 652+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA272903737&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Schachter, D. (2010, September). Internalizing the love of learning: acquiring knowledge and information on a constant basis can help you stay ahead of new technologies and business practices or even point you in a new career direction. *Information Outlook*, 14(6), 33. Retrieved from

<http://go.galegroup.com/ps/i.do?id=GALE%7CA240917118&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Tsai, C.-W. (2010). Do students need teacher's initiation in online collaborative learning? *Computers & Education*, 54(4), 1137+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA220002058&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Yang, C.-H. (2012). Fuzzy fusion for attending and responding assessment system of affective teaching goals in distance learning. *Expert Systems With Applications*, 39(3), 2501+. Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA271735258&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>

Zhang, Y. H., Chen, X. F., Li, H., & Cao, J. (2012, October). Identity-based construction for secure and efficient handoff authentication schemes in wireless networks. *Security and Communication Networks*, 5(10), (1). Retrieved from <http://go.galegroup.com/ps/i.do?id=GALE%7CA307642644&v=2.1&u=lyceumph&it=r&p=AONE&sw=w>



Compiled by: Ma. Elsa V. Guarino
Director

Emma S. Alilio
Librarian

Designed by: Diana Joy A. Sasuya
Library Assistant

3rd Floor, SHL Bldg.
LPU Batangas
Capitol Site, Kumintang Ibaba
Batangas City