

Project Management for Education

Note: For articles below that require a log-in, see [these instructions](#).

“Best Bet” Sources

What is Project Management and Why is it Important to Teach?

Andrews, Edwin. “[The Age of Real-World Relevance](#).” Global Focus. 5.3 (2011): 68-71. Web. 8 Dec. 2011.

[Spivak, Saul. Growing Your Enrollment Through Teaching Project Management. 10 April 2011.](#)

Presentation for higher education institutions by the manager of academic relations for the Project Management Institute, Spring 2011. Posted with permission of Dr. Spivak.

“[Why Teach Project Management](#).” pmiteach.org. Project Management Institute. Web. 11 May 2011.

Teaching Project Management in the Classroom

[“Bellevue College Case Study” pmiteach.org. Project Management Institute. Web 12 June 2011.](#)

Describes a Washington state community college certificate program for students.

Boss, Suzie. “[Project-based Learning: A Case for Not Giving Up](#).” Edutopia blog 2010. Web 20 June 2011.

Recognition and advice regarding using project-based learning in the classroom.

Chang, Ling, -and Greg C. Lee. “[A Team-Teaching Model for Practicing Project-Based Learning in High School: Collaboration Between Computer and Subject Teachers](#).” Computers & Education 55.3 (2010): 961-69. Science Direct. Web 5 May 2011.

Describes beginning project based learning in computer class and following up the next year in a class taught by geography and English teachers.

“[Core Strategy: Project-based Learning](#).” Edutopia.org. The George Lucas Educational Foundation, Web. 12

June 2011. Collection of sources including videos, examples, and recommended reading.

Larmer, John, and John R. Mergendoller. "[7 Essentials for Project-based Learning](#)." Educational Leadership 68.1 (2010): 34-37. Academic Search Complete. Web. 5 May 2011.

"The article discusses project-based learning in the classroom and suggests ways to ensure the approach engages students and incorporates meaningful learning tasks. The authors argue that teachers emphasize the end product of a project rather than the student's learning throughout the process when using a project-based approach to learning. The authors describe their seven-step approach to project-based learning and mention that their opinion of a good project includes personally meaningful purpose for the students and a project that has a clear learning goal. The authors' seven-step approach is described in the context of a hypothetical project for high school students and provides a rationale for each of the steps they include."

Mengel, Thomas. "[Outcome-based Project Management Education for Emerging Leaders -a Case Study of Teaching and Learning Project Management](#)." International Journal of Project Management. 26 (2008): 275-285. Science Direct. Web. 5 May 2011. Lessons learned from teaching project management and improving the class over several semesters.

Ojiako, Udechukwu, et al. "[Learning and Teaching Challenges in Project Management](#)." International Journal of Project Management. 29.3 (2011): 268-278. Science Direct. Web. 14 June 2011.

Project management student surveys show they believe they learned transferable skills. However, not all believed virtual learning environment modules were as successful. The authors have recommendations for improving.

Stoyan, Robert. "[PM for All™-Intensive Small Group Teaching in Leadership and PM, for Many Students at Low Cost](#)." International Journal of Project Management. 26 (2008): 297-303. Science Direct. Web. 5 May 2011.

The author trained students in sub-topics of project management and they trained each other in groups with supervision of the instructor.

Verderber, Kathleen .S., and Timothy T. Serey. "Managing in-class projects: setting them up to succeed." Journal of Management Education 20.1 (1996): 23-38.

NOTE: Article on reserve. AC Lynn Library, WSC, 4th floor.

"This article describes a structured method for management professors to help students succeed with in-class projects and presentations. The method described provides a highly structured process in which instructors coach students toward success. The article describes two learning modules that emphasize skills needed for project management and for making an effective oral presentation. It concludes with student reactions, a possible theoretical explanation for the success of the methods used, and practical implications for business."

Volkema, Roger J. "Designing Effective Projects: Decision Options for Maximizing Learning and Project Success." *Journal of Management Education*. 34.4 (2010): 527-550.

NOTE: Article on reserve. AC Lynn Library, WSC, 4th floor.

"In recent years, more and more business schools have introduced team-based projects into their curricula as a means of addressing corporate, small business, and community-service issues while teaching students a variety of project management skills (technical and sociocultural). In designing a project-oriented course, an instructor has a number of options available with respect to project identification, project focus and scope, team size, composition and leadership, course content, content delivery, and student project evaluation. This article discusses the advantages and disadvantages of these various options, as well as the factors that are most likely to moderate an instructor's choices in seeking to maximize student learning and project success."

Using Project Management within the College

Advising

Johnson, Thomas E. "[Advising as Teaching: A High School Advisory Program as the Vehicle for Student Success.](#)" *Academic Advising Today*. 33.4(2010): 5. Web. 27 May, 2011.

This article starts on page 5. The author states "In the review of our advisory program it was clear that we must be intentional.... We had to intentionally teach students to organize their lives. To that end, teaching students time and project management skills were as important as teaching the "3Rs."

Instructional Technology

Van Rooij, Shahron Williams. "[Project Management in Instructional Design: ADDIE is not enough.](#)" *British Journal of Educational Technology*. 41.5 (2010): 852-64. Academic Search Complete. Web. 27 May 2011.

Courses in project management are not usually part of the instructional design curriculum but project management skills are at the core of what is required in real life higher education courseware development.

Van Rooij, Shahron Williams. "[Instructional Design and Project Management: Complementary or Divergent?](#)" *Educational Technology Research & Deveopment*. 59.1 (2011): 139-58. Web, 27 May 2011.

This study analyzes the reported usage of project management methodology and perceived competencies and roles of project managers and instructional designers in educational/training product development project teams.

Information Technology

Clark, Andrew.J. "[Nurturing Project Management in Higher Education IT](#)." Research Bulletin. 16. (2008):1-13. Educause Center for Applied Research. Web. May 27, 2011.

Describes use of Project Management Offices (PMO) in higher education. Includes reasons for establishing one, the problems they are designed to solve, organizational and reporting structure, services and lessons learned.

College Community

Laxton, Ruth.A., and A.C. Applebee. "[Developing communities of practice around e-learning and project management](#)." Journal of Distance Education, 24.1 (2010): 123:42. Omnifile Full-Text Mega. Web. June 3, 2011.

Authors recommend a matrix organization of projects as a way to share knowledge; acknowledge the goal of knowledge sharing at project initiation; hire external project management expertise if needed; be mindful of a potential culture clash when using PM methodologies; negotiate with team member functional managers about priorities.

Perry, Scott S., and Louis Leatham. "[The Case for a Full-Function Project Office](#)." Bizforum.org. Web. May 26,, 2011.

Plainly written description of project management processes and rationale for development of a project office to manage training and implementation.

Project Management Credentials Certification

[What are PMI Certifications?](#)

Note that the [Certified Associate in Project Management](#) could be a potential option for students using curriculum provided by PMI within existing courses, during service learning activities and / or as the beginning basis for a marketable skills certificate.

Project Management Professional (PMP [™]) Certification

Note: You might already have some of the requirements but need to document your experience.

All about the PMP Credential, Application & Payment

PMP Eligibility Requirements

To be eligible for the PMP credential, you must meet certain educational and professional experience requirements. All project management experience must have been accrued within the last eight consecutive years prior to your application submission.

Educational Background	Project Management Experience	Project Management Education
Secondary degree (high school diploma, associate's degree or global equivalent)	Minimum five years/60 months unique non-overlapping professional project management experience during which at least 7,500 hours were spent leading and directing project tasks*	35 contact hours of formal education
OR		
Four-year degree (bachelor's degree or global equivalent)	Minimum three years/36 months unique non-overlapping professional project management experience during which at least 4,500 hours were spent leading and directing project tasks*	35 contact hours of formal education

*Leading and directing project tasks as identified in the Project Management Professional Examination Specification. You should have experience in all five process groups across all your project management experience submitted on the application. However, on a single project, you do not need to have experience in all five process groups.

Source: PMP Handbook, pg 8

[Application/Tracking Experience for Verification](#)

Explore Other Good Sources

Black, Tiffany. ["20 Essential Tools for Project Management."](#) INC.com. 25 Feb. 2011. Web. 1 June 2011.

Meant for business but practical for all.

["How to Become a Construction Project Manager."](#) eHow.com. Web. 19 June 2011.

See also the "Top 5 to Try" links on the left side of the screen.

Stricker, Katie. ["What is Project Management?"](#) About.com. Web. 21 June 2011. [PMSolutions Insights](#)

Links to publications and research from PM Solutions, a business founded by a former president of the Project Management Institute.