

(Tentative) Course Outline
Economics of Education (EE473)
Faculty of Economics, Thammasat University
Semester 2/2014

Lecture Time: W F 8.00 – 9.30
Room: TBA
Office Hours: TBA

Lecturer: Dr.Pumsaran Tongliemnak
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Course Description

Prerequisite: *Curriculum 52: EE 210 or EE 211 or EE 213*
Curriculum 56: EE311 or EE312

(3 credits)

This class covers both theories and real world economic issues related to education. The theoretical aspects such as theory of human capital, investment in education, measuring return on education, principles of investment in school and on-the-job training, education production function, education as signal are included. We will also learn about efficiency and equality in governmental budget allocation within the educational system

The topics (tentatively) include teacher labor market, education and economic growth, development and inequality, education finance, problems of education in Thailand and other countries, accountability in education, effectiveness of investment in different levels of education (early childhood, basic education, higher education), the linkage between university and industry, education and innovation, Education ranking game (PISA, TIMSS, University Ranking etc), topic in technology and education (MOOC, Online Education)

Evaluation

1. Midterm exam	30%
2. Individual or group report and Presentation	30%
3. Class quizzes and participation	10%
4. Final Exam	30%
Total	100%

Reading List

There is no textbook for this class. Therefore, it will cover extensive materials from academic journals, book chapters, news articles. Students are expected to read articles before coming to class for meaningful and enjoyable classroom discussion. Below is a tentative reading list. The more updated version of a syllabus will be put in my website (<https://sites.google.com/site/pumsaran/teaching>) later in December.

1. Education Production Function, Factors influencing the quality of education

- Glewwe, Paul and Michael Kremer (2005). "Schools, Teachers, and Education Outcomes in Developing Countries." Harvard University working paper
- Hanushek, Eric (1998). "Conclusions and Controversies about the Effectiveness of School Resources." *Economic Policy Review* (March), pp. 11-27.

- Banerjee, Abhijit, Shawn Cole, Esther Duflo and Leigh Linden (2005). "Remedying Education: Evidence from Two Randomized Experiments in India." MIT working paper
- O.Malamud and A.Wozniak.2012. "The Impact of College on Migration Evidence from the Vietnam Generation," *Journal of Human Resources*, 47.4, pp.913-950

2. Role of government on education provision, resource allocation in education, school choice, demand side financing, privatization in education

- Poterba, James (1996). "Government Intervention in the Markets for Education and Health Care," in *Individual and Social Responsibility* Victor Fuchs, editor (Cambridge, MA: National Bureau of Economic Research), pp. 277-307
- Friedman, Milton (1962), "The Role of Government in Education," in *Capitalism and Freedom* pp.85-107

3. Education and Economic Growth, Role of government on education and research investment, Problems of Education in Thailand and some selected countries.

- Ahuja, A., Chucherd, T. and Pootrakool, K. *Human Capital Policy: Building a Competitive Workforce for 21st Century Thailand* Monetary Policy Group, Bank of Thailand
- Psacharopoulos, George.1994. Returns to Investment in Education: A Global Update. *World Development*, Vol.22, No.9, pp.1325-1343
- Hanushek, E.A, and Woessmann L., The role of school improvement on economic development. *NBER Working Paper*, 2007

4. Education and Labor Market

- Bertrand, Marianne, Emir Kamenica, and Jessica Pan 2013. "*Gender identity and relative income within households*" working paper, Booth Graduate School of Business, the University of Chicago.
- Bowles, Samuel. 1971. Unequal Education and the Reproduction of the Social Division of Labor. Review of Radical Political Economics
- Murphy, Kevin and Welch, Finis, "Wage Premiums for College Graduates: Recent Growth and Possible Explanations," Educational Researcher, May 1989, pp. 17-26.
- G.Ellison and A.Swanson. 2010. "*The Gender Gap in Secondary School Mathematics at High Achievement Levels: Evidence from the American Mathematics Competitions*" Journal of Economic Perspectives, 24.2 pp.109-28

5. Education as a Signal

- M.Spence 1974. Market Signaling, Introduction and Chapters 1-2. Cambridge: Harvard University Press
- R.J.Murnane, J.H.Tyler, and J.B.Willet. 2000. "Estimating the Impact of the GED on the Earnings of Young Dropouts Using a Series of Natural Experiments" *Quarterly Journal of Economics*, Vol.115.2 pp.431-468

6. Factors such as Peer Effect, Class size on education achievement

- Akerlof, George and Rachel Kranton (2002). "Identity and schooling: Some lessons for the economics of education." *Journal of Economic Literature*. 40:4, pp. 1167-1200.
- Hoxby, Caroline and Gretchen Weingarth (2006). "Taking Race Out of the Equation: School Reassignment and the Structure of Peer Effects (44 pp).
- Krueger, Alan (2003). "Economic Considerations and Class Size." *The Economic Journal*, 113:485, pp. 34-63.

7. Education Finance, Education Loans

- SomkiatTangkitvanich and Areeya Manasboonphempool.2010. Evaluating the Student Loan Fund of Thailand Economics of Education Review, 2010, vol. 29, issue 5, pages 710-721
- Bruce Chapman et al. 2009. "Thailand's Student Loan Fund: An Analysis of Interest Rate Subsidies and Repayment Hardships," CEPR Discussion Papers 592, Centre for Economic Policy Research, Research School of Economics, Australian National University.

8. Teacher/Lecturer Labor Market, Teacher Incentives

- Murnane, Richard and Jennifer Steele (2006). "What is the Problem? The Challenge of Providing Effective Teachers for All Children." Harvard University working paper (50 pp). *On HLE 227 website under Online Materials*
- Duflo, Esther (2005). "Monitoring Works: Getting Teachers to Come to School." MIT working paper (46 pp).
- Dubner, Stephen and Steven Levitt (2005). "What Do Schoolteachers and Sumo Wrestlers Have in Common?" in *Freakonomics*, pp. 19-51.