



The Hebrew University of Jerusalem

Syllabus

ENTREPRENEURSHIP INNOVATION AND NETWORKS - 53560

Last update 01-09-2015

HU Credits: 4

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: sociology & soc. anthropology

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Prof Amalya Oliver

Coordinator Email: amalya.oliver@mail.huji.ac.il

Coordinator Office Hours: Tuesday 9-10

Teaching Staff:

Prof Amalya Oliver

Course/Module description:

The seminar aims to explore the factors associated with innovation and entrepreneurship in the Israeli knowledge intensive industry

Course/Module aims:

The course is designed to integrate the main concepts of the organizational research area of networks, innovation and entrepreneurship

Learning outcomes - On successful completion of this module, students should be able to:

At the end of the seminar the students will be able to examine examples of knowledge intensive organizations in Israel and analyze innovation through networks and collaborations and entrepreneurship

Attendance requirements(%):

10

Teaching arrangement and method of instruction: Frontal lectures and discussions and individual meetings with student on their research projects

Course/Module Content:

Social networks, entrepreneurship and innovation

Required Reading:

רשתות

Kadushin, Charles. *Understanding social networks: Theories, concepts, and findings*. Oxford University Press, 2012.

Borgatti, Stephen P., Martin G. Everett, and Jeffrey C. Johnson. *Analyzing Social Networks*. SAGE Publications Limited, 2013.

Scott, John, and Peter J. Carrington, eds. *The SAGE handbook of social network analysis*. SAGE publications, 2011.

Borgatti, Stephen P., and Pacey C. Foster. "The network paradigm in organizational research: A review and typology." *Journal of management* 29.6 (2003): 991-1013.

Borgatti, Stephen P., and Rob Cross. "A relational view of information seeking and learning in social networks." *Management science* 49.4 (2003): 432-445.

Borgatti, Stephen P., et al. "Network analysis in the social sciences." *science* 323.5916 (2009): 892-895.

Borgatti, Stephen P., and Daniel S. Halgin. "On network theory." *Organization Science* 22.5 (2011): 1168-1181.

Liebeskind, Julia Porter, et al. "Social networks, learning, and flexibility: Sourcing scientific knowledge in new biotechnology firms." *Organization science* 7.4 (1996): 428-443.

Oliver, Amalya L., and Julia Porter Liebeskind. "Three levels of networking for sourcing intellectual capital in biotechnology: implications for studying interorganizational networks." *International Studies of Management & Organization* 27.4 (1997): 76-103.

Oliver, Amalya L. "Strategic alliances and the learning life-cycle of biotechnology firms." *Organization Studies* 22.3 (2001): 467-489.

Oliver, Amalya Lumerman. *Networks for learning and knowledge creation in biotechnology*. Cambridge University Press, 2009.

חדשנות

Dodgson, Mark, David M. Gann, and Ammon Salter. *The Management of Technological Innovation: Strategy and Practice: Strategy and Practice*. Oxford University Press, 2008.

Dodgson, Mark. "Organizational learning: a review of some literatures." *Organization studies* 14.3 (1993): 375-394.

Dodgson, Mark, and David Gann. *Innovation: a very short introduction*. Oxford University Press, 2010.

Subramaniam, Mohan, and Mark A. Youndt. "The influence of intellectual capital on the types of innovative capabilities." *Academy of Management Journal* 48.3 (2005): 450-463.

Burns, Tom, and George Macpherson Stalker. "The management of innovation." *University of Illinois at Urbana-Champaign's Academy for Entrepreneurial Leadership Historical Research Reference in Entrepreneurship* (1961).

Chesbrough, Henry William. *Open innovation: The new imperative for creating and profiting from technology*. Harvard Business Press, 2003.

Chesbrough, Henry. "Managing open innovation." *Research-Technology Management* 47.1 (2004): 23-26.

Chesbrough, Henry. "Business model innovation: opportunities and barriers." *Long range planning* 43.2 (2010): 354-363.

Chesbrough, Henry. "Business model innovation: it's not just about technology anymore." *Strategy & leadership* 35.6 (2007): 12-17.

Nelson, Richard. "National innovation systems: a comparative analysis." *University of Illinois at Urbana-Champaign's Academy for Entrepreneurial Leadership Historical Research Reference in Entrepreneurship* (1993).

Burns, Tom, and George Macpherson Stalker. "The management of innovation." *University of Illinois at Urbana-Champaign's Academy for Entrepreneurial Leadership Historical Research Reference in Entrepreneurship*(1961).

Etzkowitz, Henry, and Loet Leydesdorff. "The dynamics of innovation: from National Systems and "Mode 2" to a Triple Helix of university-industry-government relations." *Research policy* 29.2 (2000): 109-123.

Leydesdorff, Loet, and Henry Etzkowitz. "The triple helix as a model for innovation studies." *Science and public policy* 25.3 (1998): 195-203.

זמנות

Oliver, Amalya L. "Biotechnology entrepreneurial scientists and their collaborations." *Research Policy* 33.4 (2004): 583-597.

Davidsson, Per, and Johan Wiklund. "Levels of Analysis in Entrepreneurship Research: Current Research Practice and Suggestions for the Future*." *Entrepreneurship*. Springer Berlin Heidelberg, 2007. 245-265.

Shane, Scott, and Sankaran Venkataraman. "The promise of entrepreneurship as a field of research." *Academy of management review* 25.1 (2000): 217-226.

Hoang, Ha, and Bostjan Antoncic. "Network-based research in entrepreneurship: A critical review." *Journal of business venturing* 18.2 (2003): 165-187.

O'Donnell, Aodheen, et al. "The network construct in entrepreneurship research: a review and critique." *Management Decision* 39.9 (2001): 749-760.

Klyver, Kim, Kevin Hindle, and Denny Meyer. "Influence of social network structure on entrepreneurship participation—a study of 20 national cultures." *International Entrepreneurship and Management Journal* 4.3 (2008): 331-347.

Greve, Arent, and Janet W. Salaff. "Social networks and entrepreneurship." *Entrepreneurship theory and practice* 28.1 (2003): 1-22.

Burgelman, Robert A. "Corporate entrepreneurship and strategic management: Insights from a process study." *Management science* 29.12 (1983): 1349-1364.

Lee, Chon-Moon, ed. *The Silicon Valley edge: A habitat for innovation and entrepreneurship*. Stanford University Press, 2000.

Zhao, Fang. "Exploring the synergy between entrepreneurship and innovation." *International Journal of Entrepreneurial Behaviour & Research* 11.1 .25-41 :(2005)

Brinckerhoff, Peter C. *Social entrepreneurship: The art of mission-based innovation*. Wiley, 2000.

Etzkowitz, Henry, et al. "The future of the university and the university of the future: evolution of ivory tower to entrepreneurial paradigm." *Research policy* 29.2 (2000): .313-330

Additional Reading Material:

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 0 %

Participation in Tutorials 20 %

Project work 0 %

Assignments 0 %

Reports 10 %

Research project 70 %

Quizzes 0 %

Other 0 %

Additional information: