



**UNIVERSIDADE FEDERAL DE MINAS GERAIS
FACULDADE DE CIÊNCIAS ECONÔMICAS
CENTRO DE PÓS-GRADUAÇÃO E PESQUISAS EM
ADMINISTRAÇÃO/CEPEAD**

SYLLABUS

COURSE TITLE: INNOVATION MANAGEMENT (*)**

LECTURER: Prof. Dr. Francisco Vidal Barbosa

TEACHING SCHEDULE: August, September 2020

GRADING

Evaluations will be based upon the following items:

| | |
|----------------------------|-------------|
| Homework, Abstracts | 15% |
| Presentation | 25% |
| Final Exam | 40% |
| Paper | 20% |
| Total | 100% |

***** Course to be delivered online**

COURSE OUTLINE

| SESSION | DATE | TOPIC | TEACHING METHODOLOGY |
|----------------|-------------|--|--|
| 01 | 06.08.2020 | <ul style="list-style-type: none">• Subject Description and Goals• Introduction to Innovation management• Defining Entrepreneurship, Innovation and management• Innovation and its challenges | Exposition and Debate, Theory Online activity |

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|----|------------|---|---|
| 02 | 13.08.2020 | <ul style="list-style-type: none"> • Innovation and economic advance • Technological innovation • Embracing Innovation: entrepreneurship and economic growth • The seeds of innovation • Innovation Ecosystems • Innovation funding | Exposition and Debate, Theory, Abstracts Online activity |
| 03 | 20.08.2020 | <ul style="list-style-type: none"> • Innovation Stakeholders • Innovation driven-Entrepreneurship • Open innovation • Closed innovation | Exposition and Debate, Theory, Abstracts Online activity |
| 04 | 27.08.2020 | <ul style="list-style-type: none"> • Radical innovation • Disruptive innovation • Creativity and innovation | Exposition and Debate, Theory, Abstracts Online activity |
| 05 | 03.09.2020 | <ul style="list-style-type: none"> • Guest speakers | Exposition and Debate, Theory, Abstracts Online activity |
| 06 | 10.09.2020 | <ul style="list-style-type: none"> • Presentation of selected topics: case studies | Exposition and Debate, Comments, Cases Online activity |
| 07 | 17.09.2020 | <ul style="list-style-type: none"> • Presentation of selected topics: case studies | Exposition and Debate, Comments, Cases Online activity |
| 08 | 24.09.2020 | <ul style="list-style-type: none"> • Evaluation | Final Exam, Paper Online activity |

REFERENCES:

List of papers: to be delivered to students

DRUCKER, P. F. *Innovation and Entrepreneurship*. New York, HarperBusiness, 2003.

CHRISTENSEN, C. M. *The Innovator's Dilemma: when new technologies cause great firms to fail*. Boston, Harvard Business School Press, 1997.

DUNDON, E. *The Seeds of Innovation*. New York, Amacom, 2002.

HARVARD BUSINESS REVIEW, *Innovation*. Boston, Harvard Business School Press, 2001.

TUSHMAN, M. L. , MOORE, W. L. *Readings in the Management of Innovation*. New York, HarperBusiness, 1988.

UTTERBACK, J. M. *Mastering the Dynamics of Innovation*. . Boston, Harvard Business School Press, 1997.

ALDRICH, H. E. Methods in our Madness? *Trends in Entrepreneurship Research*, in SEXTON, D. L ; KASARDA, J. D. (Eds) *The State of the Art of Entrepreneurship*. Boston, PWS-Kent Publishing Company, 1992.

ALVAREZ. J. L. *The Diffusion and Institutionalization of Entrepreneurship Education in the Eighties*, in BIRLEY, S; MACMILLAN, I. C. (Eds) *Entrepreneurship research: global perspectives*. London, North-Holland, 1993.

BIRLEY, S; MACMILLAN, I. C. (Eds) *Entrepreneurship research: global perspectives*. London, North-Holland, 1993.

BLOCK, Z.; STUMPF, S. A. *Entrepreneurship Education Research: Experience and Challenge*, in SEXTON, D. L.; KASARDA, J. D. (Eds) *The State of the Art of Entrepreneurship*. Boston, PWS-Kent Publishing Company, 1992.

BROCK, R. H. Entrepreneurship Education and Research outside North America. *Entrepreneurship: Theory & Practice*, Spring 91, Vol. 15, Issue 03, p41, 12p.

BROCKHAUS, R. H. *Entrepreneurship Education and Research in Europe*, in SEXTON, D. L.; KASARDA, J. D. (Eds) *The State of the Art of Entrepreneurship*. Boston, PWS-Kent Publishing Company, 1992.

CHURCHILL, N. C. *Research Issues in Entrepreneurship*, in SEXTON, D. L.; KASARDA, J. D. (Eds) *The State of the Art of Entrepreneurship*. Boston, PWS-Kent Publishing Company, 1992.

CUNNINGHAM, J. B.; BARTON, J. Defining Entrepreneurship. *Journal of Small Business Management*, Jan. 1991, Vol. 29, Issue 01.

DANA, L. P. Entrepreneurial Education in Europe. *Journal of Education for Business*, Nov/Dec 92, Vol. 68, Issue 02, p74, 5p.

DAY, D. L. *Research linkages Between Entrepreneurship and Strategic Management or General Management*, in SEXTON, D. L.; KASARDA, J. D. (Eds) *The State of the Art of Entrepreneurship*. Boston, PWS-Kent Publishing Company, 1992.

DEES, J. G.; EMERSON, J.; ECONOMY, P. *Strategic Tools for Social Entrepreneurs: Enhancing the Performance of your enterprising nonprofit*. New York, John Wiley & Sons, Inc., 2002.

DEES, J.G.; STARR, J. A. *Entrepreneurship through an Ethical Lens: Dilemmas and Issues for Research and Practice*, in SEXTON, D. L.; KASARDA, J. D. (Eds) *The State of the Art of Entrepreneurship*. Boston, PWS-Kent Publishing Company, 1992.

DENNIS, H.; GARY, G. Some Research Perspectives on Entrepreneurship Education. *International Small Business Journal*, Apr-Jun 97, Vol. 15, Issue 3, p.56, 22p.

DOLLINGER, M. J. *Entrepreneurship: Strategies and Resources*. Boston, Irwin, 1995.

EDE, F. O.; PANIGRABI, B. et al. African American Students' Attitudes Toward Entrepreneurship Education. *Journal of Education for Business*, May-Jun 98, Vol. 73, Issue 5.

GARAVAN, T. N.; O'CONNOR, B. Entrepreneurship Education and Training Programmes. *Journal of European Industrial Training*, 1994, Vol. 18, Issue 8/9, p3, 10p.

GARTNER, W. B.; STARR, J. A. *The Nature of Entrepreneurial Work*, in BIRLEY, S; MACMILLAN, I. C. (Eds) *Entrepreneurship research: global perspectives*. London, North-Holland, 1993.

GIAMARTINO, G.A.; MCDUGALL, P. P. International Entrepreneurship: The State of the Field. *Entrepreneurship: Theory & Practice*, Fall 93, Vol. 18, Issue 01, p.37, 6p.

LAZEAR, E. P. Entrepreneurship. *National Bureau of Economic Research*. Massachusetts, August 2002.

ROBERTS, E. B. *Entrepreneurs in high technology: lessons from MIT and beyond*. New York, Oxford University Press, 1991.

ROBINSON, P.; HAYNES, M. Entrepreneurship Education in America's Major Universities. *Entrepreneurship: Theory & Practice*, Spring 91, Vol. 15, Issue 03, p41, 12p.

ROEBUCK, D. B.; BRAWLEY, D. E. Forging Links Between the Academic and Business Communities. *Journal of Education for Business*, Jan/Feb. 98, Vol. 71, Issue 03, p125, 4p.

SAHMAN, W. A.; STEVENSON, H. H. *The Entrepreneurial Venture*. Boston, Harvard Business School Publications, 1997.

SEXTON, D. L.; BOWMAN, N. B. Entrepreneurship Education: Suggestions for Increasing Effectiveness. *Journal of Small Business Management*, April 84, Vol. 22, Issue 02, p.18, 8p.

SEXTON, D. L.; KASARDA, J. D. (Eds) *The State of the Art of Entrepreneurship*. Boston, PWS-Kent Publishing Company, 1992.

SEXTON, D. L.; LANDSTROM, H. *The Blackwell Handbook of entrepreneurship*. Oxford, Blackwell Business, 2000. Chapter: Financing growth: recent developments in the European Scene.

Technological Innovation

CRISTOPHER, F., SOETE, L. *The Economics of industrial innovation*. Cambridge, The MIT press, 1997.

DAHLMAN, C. J., WESTPHAL, L. E. *The Meaning of Technological Mastery in Relation to Transfer of Technology*. The ANNALS of the American Academy of Political and Social Science 1981, 458; 12.

EDWIN, M. *Industrial research and technological innovation: an econometric analysis*. New York, W.W.Norton, 1968.

FRIEDER, M.K. *Innovation and sustainable development: lessons for innovation policies*. Heidelberg, Physica-Verlag, 1998.

FUMIO, K. *Emerging patterns of innovation: sources of Japan's technological edge*. Boston, Routledge, 1995.

FURTADO, A. T. *Technological competition in deep water: the success of a company in a country in the periphery*. Science Technology Society, 1983; 3; 75

GIBBONS, M. *The roles of science in technological innovation*. Elsevier, Research Policy, 1974.

HILL, C.W.L. *The performance of incumbent firms in the face of radical technological innovation*. Academy of Management Review, 2003.

KEULARTZ, J., SCHERMER, M., et al. *Ethics in technological culture: a programmatic proposal for a pragmatist approach*. Science Technological Human Values, 2004.

LINSU, K. *Da Imitação à Inovação: a dinâmica de aprendizado tecnológico da Coréia*. Campinas, Editora Unicamp, 2005.

MAIRI, G., BLAISE, C. *Anatomy of Innovation; an analysis of innovation in the information services sector*. Boston, British Library, 1987.

NEWTON, C., ANDREW, Z. *Discovery, innovation and risk: case studies in science and technology*. Cambridge, The MIT press, 1993.

ROSENBLOOM, J. L. *The Geography of Innovation commercialization in the United States during the 1990s*. *Economic Development Quarterly*, 2007; 21;3

ROSSINI, F., BOZEMAN, B. *National strategies for technological innovation*. *Administration & Society*, 1977; 9; 81.

SAEED, P., BRENT, H.C. et al. *Industrial innovation and environmental regulation: developing workable solutions*. Ottawa, United Nations University Press, 2007.

STONEMAN, P. *The economic analysis of technological change*. New York, 1993.

TEECE, D. J. *Capturing value from technological innovation; integration, strategic partnering, and licensing decisions*. JSTOR, *Interfaces*, 1988.