

COURSE DESCRIPTION

KBI3100 Knowledge-Based Innovation

1. Degree	Bachelor's Degree in Innovation and Entrepreneurship
2. Year/semester	3 rd year – 5 th semester
3. Credits	15
4. Course instructor	Assistant Professor Arild Borg
5. Contact hours	75
6. Course prerequisites	General admission requirements
7. Learning goals	<p>Objectives of the course are:</p> <ol style="list-style-type: none">1. Provide the students with in-depth knowledge of theories concerning knowledge processes.2. Provide students with skills regarding different methods and models based on knowledge development in innovation work.3. On successfully completing the course students will have acquired a good understanding of the importance of knowledge processes for value creation, business development and innovation in businesses.4. Students' will acquire the ability to understand the practical consequences of theory.
8. Course contents	<p>The course provides students with specialization in knowledge processes in organizations linked to innovation and entrepreneurship. Students will acquire a good understanding of the theories' ability to explain, as well as a good understanding of knowledge-dynamics.</p> <p>Course overview:</p> <ul style="list-style-type: none">• Knowledge-based innovation• Different approaches to knowledge development• Transference of experience in and between businesses – value networks• Creation arenas – e.g. Oasen at NTNU and the Future

	<p>Center, Learning Garden at Gjensidige - How to create new arenas for innovation and development</p> <ul style="list-style-type: none"> • Prime Movers as pioneers in knowledge development • Scenario learning as knowledge activator • Customer as knowledge activator • Technology as an opportunity and obstacle for value creation
9. Method of instruction	Project-based learning. Students will spend most of their time on design, implementation and presentation of constructed and actual projects. The instruction will be organized into block units.
10. Assessment	<p>The course will conclude with the submission of a project assignment (2-3 students in each group), which counts for 100% of the grade. The assignment question will be handed out to the students at the start of the course.</p> <p>An individual written 3-hour examination will be assessed as pass / fail. The examination must receive a passing mark before the student will be awarded a final grade.</p>
11. Course syllabus	<p>Arbnor, Ingeman and og Björn Bjerke. 2009. <i>Methodology for Creating Business Knowledge</i>. 3rd ed. Thousand Oaks, Calif.: Sage. ISBN: 9781847870599 (433 pages) Price: NOK 635.</p> <p>Christensen, Clayton M. 2003. <i>The Innovator's Dilemma: When New Technologies Cause Great Firms to Fail</i>. Rev. ed, <i>The Management of Innovation and Change Series</i>. Boston, Mass.: Harvard Business School Press. ISBN: 9780060521998 (252 pages) Price: NOK 170.</p> <p>Harrison, Rosemary og J. W. M. Kessels. 2004. <i>Human Resource Development in a Knowledge Economy: An Organisational View</i>. Basingstoke: Palgrave Macmillan. ISBN: 0-333-99015-3 (301 pages) Price: NOK 369.</p> <p>Hermansen, Frede og Per Espen Stoknes. 2004. <i>Lær av fremtiden</i>. Oslo: Gyldendal akademisk. ISBN: 82-05-33086-7 (224 pages) Price: NOK 319.</p> <p>Krogh, Georg von, Kazuo Ichijo og Ikujiro Nonaka. 2001. <i>Slik skapes kunnskap: hvordan frigjøre taus kunnskap og inspirere til nytenkning i organisasjoner</i>. Oslo: NKS forlag. ISBN: 82-508-2115-7 (317 s) Price: NOK 499.</p>

<p>12. Recommended reading</p>	<p>Arbnor, Ingeman. 2006. <i>Koenigsegg: entreprenörskap i världsklass: om entreprenörskap som företagande konstart</i>. Malmö: Liber. ISBN: 978-91-47-08609-2</p> <p>Berger, Peter L. og Thomas Luckmann. 2000. <i>Den samfunnsskapte virkelighet</i>. Bergen: Fagbokforlaget. ISBN: 978-82-7674-539-9</p> <p>Branson, Richard. 1998. <i>Losing my Virginity: The Autobiography</i>. London: Virgin. ISBN: 1-85227-684-3</p> <p>Corbin, Juliet M. og Anselm L. Strauss. 2008. <i>Basics of Qualitative Research: Techniques and Procedures for Developing Grounded Theory</i>. 3rd ed. Thousand Oaks.: Sage. ISBN: 978-1-4129-0644-9</p> <p>Evans, Philip og Thomas S. Wurster. 2000. <i>Blown to bits: How the New Economics of Information Transforms Strategy</i>. Boston : Harvard Business School Press. ISBN: 0-87584-877-x</p> <p>Harris, Jim. 2002. <i>Blindsided: How to Spot the Next Breakthrough that will Change your Business Forever</i>. Oxford: Capstone. ISBN: 9781841122427</p> <p>Kim, W. Chan og Renée Mauborgne. 2005. <i>Blue Ocean Strategy: de nye vinnerstrategiene</i>. [Oslo]: Damm. ISBN: 82-04-11158-4</p> <p>Morgan, Gareth. 1993. <i>Imaginization: The Art of Creative Management</i>. Newbury Park: Sage. ISBN: 0-8039-5299-6</p> <p>Nonaka, Ikujiro and Hirotaka Takeuchi. 1995. <i>The Knowledge-Creating Company: How Japanese Companies Create the Dynamics of Innovation</i>. New York: Oxford University Press. ISBN: 0-19-509269-4</p> <p>Normann, Richard. 2001. <i>Reframing Business: When the Map Changes the Landscape</i>. Chichester: Wiley. ISBN: 978-0-471-48557-5</p> <p>Ramírez, Rafael og Johan Wallin. 2000. <i>Prime Movers: Define Your Business or Have Someone Define it Against You</i>. Chichester: Wiley. ISBN: 0-471-89944-5</p> <p>Rifkin, Jeremy. 2000. <i>The Age of Access: The New Culture of Hypercapitalism, Where all of Life is a Paid-For Experience</i>. New York: Tarcher/Putnam. ISBN: 1-58542-018-2</p>
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