



APPLIES TO ACADEMIC YEAR 2015/2016

## **BIN 3012 Industrial Development, Innovation and Skills Development**

### **Programme**

Single courses

### **Responsible for the course**

Frode Solberg

### **Department**

Department of Innovation and Economic Organisation

### **Term**

According to study plan

### **ECTS Credits**

7,5

### **Language of instruction**

Norwegian

### **Introduction**

The course has been developed for SIVA SF and is a development programme for leaders and specialists in SIVA's national business park programme. In their new ten-year business park programme SIVA wishes to provide goal-oriented and topical skills upgrading for the 45 business parks that are involved in this national programme.

In the future the business parks will be active participants and influential in local and regional business development, with a special focus on assistance and processes aimed at SMEs in terms of innovation and skills development .

### **Learning outcome**

The aim of the programme is to develop and strengthen competence in strategic business development, innovation and knowledge-based development in existing and new enterprises.

Furthermore, the aim is to strengthen the participants' skills in communication and process-based development skills for daily interaction with industry and trade.

This interaction will take place as a committed process that contributes to strengthening the individual's competence as an important and preferred specialist for local businesses in terms of contributing to improved growth and development.

Another central element in the programme will be contributing to new competence within industrial development with a focus on developing effective and efficient local innovation systems and a knowledge/competence-based perspective as a strategic competitive advantage.

The overall learning outcome is to provide a foundation for a process that contributes to a long-term development for the participants, their company and SIVA's organization.

### **Acquired knowledge**

The participants shall understand the main correlations within industrial development – innovation – competence development, innovative processes in SMEs and management of development processes in smaller enterprises.

The participants shall understand how they as specialists initiate, participate and supervise enterprises in strategic innovative and competence processes in local industry.

The participants shall understand the importance of their role in developing local industry.

### **Acquired skills:**

The participants shall gain an insight into how they can participate actively in strategic, innovative and knowledge-based processes in companies, which also includes taking an active part in the relevant processes.

The participants shall be given a basis for developing methods and tools for such processes.

### **Reflection:**

The programme shall develop the participants' respect for the complexity of developing and managing SMEs. The programme shall develop the participants' respect for the importance of the added value that the SMEs represent. The programme shall teach the participants respect for the importance of continuous competence development in enterprises.

### **Prerequisites**

None

## **Compulsory reading**

### **Books:**

Arnulf, Jan Ketil. 2012. Hva er ledelse. Universitetsforlaget  
Bessant, John and Joe Tidd. 2015. Innovation and entrepreneurship. 3rd ed. Wiley-Blackwell  
Reve, Torgeir og Amir Sasson. 2012. Et kunnskapsbasert Norge. Universitetsforlaget. Kap. 1,2,3,17,18

### **Book extract:**

Kubr, Milan, ed. 2002. Management consulting : a guide to the profession. 4th ed. International Labour Office.  
Kap 7,8 og 9

### **Other:**

Pensumstoffet suppleres i tillegg med aktuelle artikler, basert på forskning og undersøkelser

## **Recommended reading**

### **Books:**

Solberg, Frode. 2015. Ledelse i små og mellomstore virksomheter. Fagbokforlaget

### **Course outline**

Business development  
Innovation and development of innovative processes in SMEs  
Competence development in SMEs  
Strategic management in SMEs  
Process management and management of development processes in enterprises.

### **Computer-based tools**

It's learning

### **Learning process and workload**

The programme is carried out over 6 whole days totalling approx. 42 hours. The teaching will consist of three 2-day modules, each module is a combination of lectures and team work. The participants will be divided into groups and these groups will be given a total of 4 hours of process supervision related to tasks and cases from the participants' work challenges in the periods between the study modules.

## **Coursework requirements**

### **Examination**

The examination is a 20-page term paper which shall describe a concrete development process for an SME within the discipline's framework. The term paper is to be written in groups of up to 3 persons. The approach to the problem and the theoretical part shall be presented after half the programme has been completed and will be given a pass/fail grade.

### **Examination code(s)**

BIN 30121 Term paper. The exam accounts for 100% of the grade in the course BIN 3012, 7,5 credits

### **Examination support materials**

### **Re-sit examination**

It is only possible to retake an examination when the course is next taught. All retaken examination will incur an additional fee.

### **Additional information**