



## STRATEGIC MANAGEMENT AND BUSINESS PLANNING

Enrollment year	2020/2021
Academic year	2021/2022
Regulations	DM270
Academic discipline	SECS-P/08 (CORPORATE FINANCE)
Department	DEPARTMENT OF ELECTRICAL, COMPUTER AND BIOMEDICAL ENGINEERING
Course	BIOENGINEERING
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	1st semester (27/09/2021 - 21/01/2022)
ECTS	6
Lesson hours	45 lesson hours
Language	English
Activity type	WRITTEN TEST
Teacher	KABBARA DIALA (titolare) - 6 ECTS
Prerequisites	Basic notions of business management, strategy and entrepreneurship
Learning outcomes	<p>The course introduces key principles in terms of business strategy and management. The main learning outcome of this part is the capacity to develop an industrial plan. The industrial planning will consider the major transformations occurring under an industry 4.0 scenario.</p> <p>The second part of the course will focus on entrepreneurship, how to start up a business and write a business plan and how to design the business model.</p> <p>Business finance will be the third part of the course, both from the perspective of large and established firms and from the perspective of start ups.</p> <p>The learning outcomes are the necessary knowledge for a graduate in engineering to solve managerial and entrepreneurial problems in organisations in the above mentioned fields, but also the capacity to</p>

	work in team and to present and discuss a project work
<b>Course contents</b>	<p>Introduction to Business and Management: key notions and issues in strategic management</p> <p>Industrial plans: aims, contents, approaches;</p> <p>Setting business goal and value proposition;</p> <p>Business strategies and competitive advantage; scenario analysis and industry 4.0.</p> <p>Marketing and competitive intelligence.</p> <p>Key resources and capabilities: human capital, brand name, technology and intellectual property.</p> <p>Business modeling: value creation architecture and revenue model;</p> <p>Financials (1): balance sheet, income statement, and key performance metrics;</p> <p>Financials (2): costs and revenues forecasting / allocation of expenses and projected income statement (3-5 years);</p> <p>Corporate finance versus start ups/innovation finance</p>
<b>Teaching methods</b>	<p>Lectures, plus real case studies discussion in class, teamworks and exercises.</p> <p>Moreover, the course may host some guest lecturers, especially entrepreneurs and senior managers discussing case studies and tools concerning the above mentioned topics.</p>
<b>Reccomended or required readings</b>	<p>All readings, slides and cases are availbale on the moodle platform KIRO, accessible via the usual students' university login and password. Students willing to have a complete overview of the topics can refer to R.Grant, Contemporary Strategy analysis, Wiley, 8th edition.</p>
<b>Assessment methods</b>	<p>The final evaluation consists in a written exam on the readings, slides and cases available on KIRO.</p> <p>The exams can be integrated with class work during the lectures, when students are asked to discuss cases in team and to present their project works.</p>
<b>Further information</b>	
<b>Sustainable development goals - Agenda 2030</b>	<a href="#">\$lbl legenda sviluppo sostenibile</a>