

Diplôme
Universitaire

Sustainable procurement manager 3.0



2023-2024

université
de **BORDEAUX**

Course Overview

The purpose of this online course is to provide procurement managers with the skills, in-depth knowledge and abilities required to become better at buying optronic & electronic components. Students will walk away with an understanding of how resource scarcity and environmental issues are making optoelectronic supply chains increasingly complex thus requiring a set of cross-disciplinary skills to manage them. This online course equips you with those skills, helping you develop the best financial and environmental strategy to realise your business goals.

Audience

This course is best suited to

- › Procurement & contract management officers seeking operational and strategic level training in the legal, environmental & scientific management of the Optronic and Electronic components market.



Modules

Sustainable supply chain : from commodities to electronic components 10h

- › Identify the economic realm of the raw materials used by the electronic components industry
- › Find the best components through analysis of distribution, deadlines, cost, reliability, quality
- › Recognise the value chains of global commodity markets
- › Determine the environmental and societal issues associated with value chains
- › Interpret the economic and financial issues faced by producers, end users and traders involved in the electronics industries

Electronic and optronic components: new needs, new markets 15h

- › Review basic technology concepts
- › Use a data sheet
- › Communicate efficiently with engineering consultants
- › Negotiate with providers and contractors
- › Compare effectively different components and devices

Laws, norms & international procurement management strategies 32h

- › Determine the requirements and specifications for services and products in line with the company's financial strategies and environmental priorities
- › Conduct a market analysis for internal customers in order to discern the needs
- › Draft the tendering specifications that will go out to competitive tender
- › Create a bill of materials recurrently used and to develop an inventory control system to improve the procurement cycle.
- › Take advantage of seasonality for optimal procurement cycle: Time to Market
- › Draw up the legal terms and statutory provisions to be included in the final contract resulting from the tender

Hedging FX and commodity price risk for procurement managers 7h

- › Identify exchange rates (spot/forward) and describe the notion of foreign exchange risk
- › Expand your awareness of what variables will influence the evolution of exchange rates.
- › Analyse the financial derivatives used to manage foreign exchange risk (options/swaps/futures)
- › Set up an operational FX risk management strategy using forward and financial derivatives

Infos

Cost

2900€ TTC

Registration fees - 170€ TTC

Duration

12 weeks. 5-6 hours/week of self-paced online learning.

Course assessment

Assessment is based on a practical assignment given throughout each module. Each assignment will be followed by an online oral presentation.

Learning outcome

Upon successful completion of the course you will earn a Diplôme d'Université from a world-leading education and research institution, The University of Bordeaux.

Contacts

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