

MANAGEMENT ENGINEERING - INGEGNERIA GESTIONALE (LM54)

(Lecce - Università degli Studi)

Insegnamento ENERGY MANAGEMENT

GenCod A004627

Insegnamento ENERGY MANAGEMENT **Anno di corso** 1

Insegnamento in inglese ENERGY MANAGEMENT

Lingua INGLESE

Settore disciplinare ING-IND/09

Percorso Percorso comune

Corso di studi di riferimento MANAGEMENT ENGINEERING -

Docente Arturo DE RISI

Tipo corso di studi Laurea Magistrale

Sede Lecce

Crediti 9.0

Periodo Primo Semestre

Ripartizione oraria Ore Attività frontale: 81.0

Tipo esame Orale

Per immatricolati nel 2018/2019

Valutazione Voto Finale

Erogato nel 2018/2019

Orario dell'insegnamento

<https://easyroom.unisalento.it/Orario>

BREVE DESCRIZIONE DEL CORSO

- Focus on corporate issues and optimise professional skills at a managerial level
- Gain in-depth knowledge and vision of energy technologies, industries and markets
 - Develop and implement a strategic mindset to address major future issues within the energy industry
 - Strengthen your ability to live and work in a highly multicultural and international environment

PREREQUISITI

No previous course afre required

OBIETTIVI FORMATIVI

Supply all the informations to:
monitor and manage the energy efficiency of a facility or organization;
to implement conservation measures, monitor **energy** consumption;
to assess business decisions for sustainability;
to seek out opportunities for increasing **energy** efficiency.

METODI DIDATTICI

Frontal lessons and exercises

MODALITA' D'ESAME

oral exam and discussion of an individual project

APPELLI D'ESAME

ALTRE INFORMAZIONI UTILI

PROGRAMMA ESTESO

Energy Audit - Regulation parts 1-2-3-4
Fundamentals of thermodynamical and electrical measurements
Data acquisition software and hardware
Energy Diagnosis of complex systems and buildings
Fundamental of HVAC systems
Fundamental of Solar Renewable Energy Plant
Investment analysis
Economic technical analysis
Case Studies

TESTI DI RIFERIMENTO

Class Notes
WAYNE C. TURNER, ENERGY MANAGEMENT HANDBOOK, THE FAIRMONT PRESS, INC, Lilburn,
Georgia