

MANTA MARCELİNUS DAKYEN

ASSISTANT PROFESSOR



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Education

Doctoral 2014 10/Şubat/2023	CYPRUS INTERNATIONAL UNIVERSITY->FACULTY OF ENGINEERING->DEPARTMENT OF ENERGY SYSTEMS ENGINEERING->ENERGY SYSTEMS ENGINEERING PR. (ENGLISH) (PAID) (2023)
Master (Thesis) 2012 4/Şubat/2014	CYPRUS INTERNATIONAL UNIVERSITY->FACULTY OF ENGINEERING->DEPARTMENT OF INDUSTRIAL ENGINEERING->INDUSTRIAL ENGINEERING PR. (ENGLISH) (PAID) (2014)
Bachelor's Degree 2006 29/Haziran/2010	EASTERN MEDITERRANEAN UNIVERSITY->FACULTY OF ENGINEERING->DEPARTMENT OF ELECTRICAL-ELECTRONICS ENGINEERING->ELECTRICAL-ELECTRONICS ENGINEERING PR. (ENGLISH) (PAID)

Academic Title

ASSISTANT PROFESSOR 05.02.2026	GIRNE AMERICAN UNIVERSITY/MÜHENDİSLİK FAKÜLTESİ/ENERJİ SİSTEMLERİ MÜHENDİSLİĞİ BÖLÜMÜ
RESEARCH ASSISTANT 01.09.2021-24.02.2023	CYPRUS INTERNATIONAL UNIVERSITY/MÜHENDİSLİK FAKÜLTESİ/ENERJİ SİSTEMLERİ MÜHENDİSLİĞİ BÖLÜMÜ/ENERJİ SİSTEMLERİ MÜHENDİSLİĞİ PR. (İNGİLİZCE) (ÜCRETLİ)

Courses *

Öğrenim Dili Course Hour Semester

2025-2026

Bachelor's Degree Programme

Renewable Energy Technologies	English	3	Bahar
Calculus II	English	4	Bahar
Principles of Energy Systems Engineering	English	3	Bahar
Energy and Environment	English	3	Güz

Alternative Energy Technologies	English	3	Güz
Applied Scientific Computing	English	3	Güz
General Physics II	English	3	Bahar
Calculus II	English	4	Güz
Calculus III	English	4	Güz
Alternative Energy Technologies	English	3	Bahar

Master Programme

Applied Scientific Computing	English	3	Güz
Modelling and Optimization of System	English	3	Yaz

2024-2025

Bachelor's Degree Programme

Energy and Environment	English	3	Güz
Applied Scientific Computing	English	3	Yaz
Solar Energy and Photovoltaic Systems I	English	3	Bahar
Calculus II	English	4	Bahar
Calculus I	English	4	Bahar
General Physics II	English	3	Bahar
Alternative Energy Technologies	English	3	Bahar
Calculus II	English	4	Güz
Photovoltaic Power Systems I	English	3	Bahar
Applied Scientific Computing	English	3	Güz
Introduction to Computers I	English	3	Güz
Energy Savings	English	3	Bahar
Calculus I	English	3	Yaz

Master Programme

Advance Energy Technologies	English	3	Bahar
Modelling and Optimization of Systems	English	3	Bahar

2023-2024

Bachelor's Degree Programme

Principles of Energy Systems Engineering	English	3	Bahar
Probability Theory	English	3	Güz
Dynamics	English	3	Bahar
Energy Saving	English	3	Bahar
Renewable Energy Technologies	English	3	Bahar
Applied Scientific Computing	English	3	Güz
Energy Management	English	3	Yaz
Applied Scientific Computing	English	3	Yaz

Energy and Environment	English	3	Güz
Energy Management	English	3	Bahar
Master Programme			
Energy Analysis and Green Buildings	English	3	Güz
Applied Scientific Computing	English	3	Güz
Intermediate Energy Management	English	3	Bahar
Modelling and Optimzation of Systems	English	3	Bahar

Works

Articles published in international refereed journals:

1. DAKYEN MANTA MARCELINUS,ÖZDENEFE MURAT,DAĞBAŞI MUSTAFA (2026). A multi-stage multi-objective optimization method for balancing the impacts of energy efficiency strategies on buildings. Indoor and Built Environment, 35(3), 383-409., Doi: 10.1177/1420326X251399232 (Publication No: 10264908)
2. DAKYEN MANTA MARCELINUS,DAĞBAŞI MUSTAFA,ÖZDENEFE MURAT (2021). Energy models for cost-optimal analysis: Development and calibration of residential reference building models for Northern Cyprus. Indoor and Built Environment, 31(3), 657-681., Doi: 10.1177/1420326X211013076 (Publication No: 10263716)