

# coursera

## Physical Science and Engineering

Course Name	University / Inst.	Difficulty Level	Average Hours	Course Rating	Course Descrip	Skills Learned	Specialization	Specialization C	Specialization D	Hours Range	Subtitle	Language	Course Language	Domain	Sub-Domain
Light Emitting Diodes and Semiconductor Lasers	University of Col	Advanced	40.9	3.8	This course can	Physics; Material	Active Optical Di	1	The courses in t	[26.7, 48.0]	Russian; Spanish	English	physical-science	electrical-engineering	
Nanophotonics and Detectors	University of Col	Advanced	21.7	3.9	This course can	Materials; Tailore	Active Optical Di	2	The courses in t	[16.1, 28.3]	French; Portuguese	English	physical-science	electrical-engineering	
Displays	University of Col	Advanced	6	4.2	This course can	Display Devices;	Active Optical Di	3	The courses in t	[2.3, 8.1]	French; Portuguese	English	physical-science	electrical-engineering	
Introduction to battery-management systems	University of Col	Advanced	22	4.7	This course can	Leadership and A	Algorithms for Ba	1	In this specializ	[15.4, 26.8]	Arabic; French; F	English	physical-science	electrical-engineering	
Equivalent Circuit Cell Model Simulation	University of Col	Advanced	29.3	4.6	This course can	Modeling; Batter	Algorithms for Ba	2	In this specializ	[19.8, 35.2]	Arabic; French; F	English	physical-science	electrical-engineering	
Battery State-of-Charge (SOC) Estimation	University of Col	Intermediate	28.9	4.8	This course can	Kalman Filter; RL	Algorithms for Ba	3	In this specializ	[19.4, 35.1]	French; Portuguese	English	physical-science	electrical-engineering	
Battery State-of-Health (SOH) Estimation	University of Col	Advanced	15.2	4.8	This course can	Least Squares; RL	Algorithms for Ba	4	In this specializ	[8.2, 19.2]	French; Portuguese	English	physical-science	electrical-engineering	
Battery Pack Balancing and Power Estimation	University of Col	Advanced	16.5	4.8	This course can	Battery Manager	Algorithms for Ba	5	In this specializ	[11.5, 21.4]	French; Portuguese	English	physical-science	electrical-engineering	
Interfacing with the Arduino	University of Cal	Beginner	9.5	4.6	Arduino senses	Arduino; Internet	An Introduction t	3	Design, create, a	[4.2, 13.0]	Spanish; Arabic;	English	physical-science	electrical-engineering	
Interfacing with the Raspberry Pi	University of Cal	Beginner	8.8	4.6	The Raspberry P	Raspberry Pi; Py	An Introduction t	5	Design, create, a	[3.5, 12.0]	Vietnamese; Ger	English	physical-science	electrical-engineering	
Programming for the Internet of Things Protocol	University of Cal	Intermediate	3.7	4.7	In this Capstone	Internet of Thing	An Introduction t	6	Design, create, a	[1.6, 5.1]	Russian; Spanish	English	physical-science	electrical-engineering	
The Arctic as a System	University of Col	Beginner	9.5	4.8	In this course yo	Climate Change; Arctic Climate, E		1	This specializat	[4.2, 10.9]	None	English	physical-science	environmental-science-and-sustainability	
The Changing Arctic: Present, Past, & Future	University of Col	Beginner	7.5	5	This course take	Climate Change; Arctic Climate, E		2	This specializat	[1.8, 10.5]	None	English	physical-science	environmental-science-and-sustainability	
Introduction to CAD, CAM, and Practical CNC	Autodesk	Advanced	9.6	4.8	This course intro	CNC Machine; C	Autodesk CAD/C	1	Manufacturers a	[1.9, 14.9]	Arabic; French; F	English	physical-science	mechanical-engineering	
3-Axis Machining with Autodesk Fusion 360	Autodesk	Advanced	8.4	4.9	As our machinin	Geometry; Auto	Autodesk CAD/C	2	Manufacturers a	[1.2, 14.4]	Arabic; French; F	English	physical-science	mechanical-engineering	
Creating Toolpaths for a CNC Lathe	Autodesk	Advanced	6.4	4.8	CNC machines c	Autodesk; Comp	Autodesk CAD/C	3	Manufacturers a	[0.9, 9.7]	French; Portuguese	English	physical-science	mechanical-engineering	
Multi-Axis CNC Toolpaths	Autodesk	Advanced	6	4.9	Computer Numer	Geometry; Comp	Autodesk CAD/C	4	Manufacturers a	[0.8, 9.1]	French; Portuguese	English	physical-science	mechanical-engineering	
Introduction to Mechanical Engineering Design	Autodesk	Beginner	6.7	4.8	Design for manu	Mechanical Desi	Autodesk CAD/C	1	The demand pla	[1.4, 10.2]	Arabic; French; F	English	physical-science	mechanical-engineering	
Modeling and Design for Mechanical Engineers	Autodesk	Beginner	8.3	4.8	There are many	3d Modeling; Mo	Autodesk CAD/C	2	The demand pla	[0.8, 13.8]	Arabic; French; F	English	physical-science	mechanical-engineering	
Simulation Analysis for Mechanical Engineers	Autodesk	Beginner	6	4.8	The foundation o	Simulation; Anal	Autodesk CAD/C	3	The demand pla	[0.6, 9.6]	Arabic; French; F	English	physical-science	mechanical-engineering	
CAM and Design Manufacturing for Mechanical Engineers	Autodesk	Beginner	5.3	4.9	With design for	Manufacturing P	Autodesk CAD/C	4	The demand pla	[0.4, 8.3]	Arabic; French; F	English	physical-science	mechanical-engineering	
Generative Design for Additive Manufacturing	Autodesk	Intermediate	8.2	4.8	This course intro	Generative Desig	Autodesk Gener	1	Quickly generat	[1.4, 12.7]	Arabic; French; F	English	physical-science	mechanical-engineering	
Generative Design for Performance and Weight Optimization	Autodesk	Intermediate	5.6	4.8	There are many	Generative Desig	Autodesk Gener	2	Quickly generat	[0.9, 8.7]	Arabic; French; F	English	physical-science	mechanical-engineering	
Generative Design for Industrial Applications	Autodesk	Advanced	5.3	4.8	The foundation o	Mathematical Op	Autodesk Gener	3	Quickly generat	[0.6, 7.3]	Arabic; French; F	English	physical-science	mechanical-engineering	
Generative Design for Part Consolidation	Autodesk	Advanced	3.8	4.9	Designing a part	Generative Desig	Autodesk Gener	4	Quickly generat	[0.6, 5.1]	Arabic; French; F	English	physical-science	mechanical-engineering	
Intro to Digital Manufacturing with Autodesk Fusion 360	Autodesk	Beginner	6.5	4.6	The manufactur	Sustainability; M	CAD and Digital	1	The future of ma	[2.3, 9.2]	Arabic; French; F	English	physical-science	mechanical-engineering	
Autodesk Fusion 360 Integrated CAD/CAM/CAE	Autodesk	Beginner	7.2	4.7	Design, enginee	Simulation; 3d M	CAD and Digital	2	The future of ma	[1.9, 10.5]	Arabic; French; F	English	physical-science	mechanical-engineering	
3D Model Creation with Autodesk Fusion 360	Autodesk	Advanced	9.7	4.7	This course is the	3d Modeling; Me	CAD and Digital	3	The future of ma	[1.8, 15.5]	Arabic; French; F	English	physical-science	mechanical-engineering	
Engineering Design Process with Autodesk Fusion 360	Autodesk	Advanced	7.3	4.7	This course prov	Mechanical Desi	CAD and Digital	4	The future of ma	[1.3, 11.7]	Arabic; French; F	English	physical-science	mechanical-engineering	
Manufacturing Process with Autodesk Fusion 360	Autodesk	Advanced	5.3	4.6	Designing a prod	Fly; Materials; F	CAD and Digital	5	The future of ma	[1.1, 8.0]	Arabic; French; F	English	physical-science	mechanical-engineering	
工程圖學 2D CAD	National Taiwan	Intermediate	30.5	4.9	工程圖學在教	Autocad; Buildi	CAD/BIM技術類	1	授課工程師講	[22.1, 36.3]	None	Chinese (Tradit	physical-science	mechanical-engineering	
工程圖學 2D CAD 講義	National Taiwan	Advanced	24.7	4.8	在工程圖學中	Editing; Auto	CAD/BIM技術類	2	授課工程師講	[15.8, 26.6]	None	Chinese (Tradit	physical-science	mechanical-engineering	
工程圖學 3D CAD	National Taiwan	Advanced	13.7	4.8	圖樣繪製者著	Sketchup; Rub	CAD/BIM技術類	3	授課工程師講	[7.9, 14.8]	None	Chinese (Tradit	physical-science	mechanical-engineering	
工程圖學 3D CAD 講義	National Taiwan	Advanced	16.6	4.9	製圖自己3D	Content Creat	CAD/BIM技術類	4	授課工程師講	[11.5, 20.8]	None	Chinese (Tradit	physical-science	mechanical-engineering	
工程資訊管理 BIM 基礎	National Taiwan	Beginner	13	4.7	這門課是 CAD	Building Inform	CAD/BIM技術類	5	授課工程師講	[8.5, 15.8]	None	Chinese (Tradit	physical-science	mechanical-engineering	
工程資訊管理 BIM 进阶	National Taiwan	Beginner	25.1	4.7	這門課是 CAD	Human Learnin	CAD/BIM技術類	6	授課工程師講	[17.7, 29.4]	None	Chinese (Tradit	physical-science	mechanical-engineering	
CAD/BIM技術管理應用專題課程 CAD/BIM Spec	National Taiwan	Beginner	14	4.8	這門課是 CAD	Autodesk	CAD/BIM技術類	7	授課工程師講	[10.1, 17.4]	None	Chinese (Tradit	physical-science	environmental-science-and-sustainability	
Digital Manufacturing & Design	The State Univ	Beginner	3.1	4.7	This course will	Manufacturing P	Digital Manufact	1	Whether you re	[0.8, 4.4]	Arabic; French; F	English	physical-science	mechanical-engineering	
Digital Thread: Components	The State Univ	Beginner	3.7	4.6	This course will	Continuous Func	Digital Manufact	2	Whether you re	[0.9, 5.4]	Arabic; French; F	English	physical-science	mechanical-engineering	
Digital Thread: Implementation	The State Univ	Beginner	4.6	4.7	There are opport	Internet of Thing	Digital Manufact	3	Whether you re	[1.0, 6.7]	French; Portuguese	English	physical-science	mechanical-engineering	
Advanced Manufacturing Process Analysis	The State Univ	Beginner	2.7	4.5	Variability is a	Analysis; Manufa	Digital Manufact	4	Whether you re	[0.8, 3.9]	Arabic; French; F	English	physical-science	mechanical-engineering	
Advanced Manufacturing	The State Univ	Beginner	3.6	4.6	Manufacturers a	Manufacturing P	Digital Manufact	5	Whether you re	[1.0, 5.2]	Arabic; French; F	English	physical-science	mechanical-engineering	
Advanced Manufacturing Enterprise	The State Univ	Beginner	3.9	4.6	Enterprises that	Manufacturing P	Digital Manufact	6	Whether you re	[0.7, 5.4]	Arabic; French; F	English	physical-science	mechanical-engineering	
Cyber Security in Manufacturing	The State Univ	Beginner	3	4.7	The return of di	Security; Manufa	Digital Manufact	7	Whether you re	[0.3, 4.3]	Arabic; French; F	English	physical-science	mechanical-engineering	
MBSE: Model-Based Systems Engineering	The State Univ	Beginner	7.7	4.4	This Model-Bas	Systems Engin	Digital Manufact	8	Whether you re	[3.2, 10.4]	Arabic; French; F	English	physical-science	mechanical-engineering	
Roadmap to Success in Digital Manufacturing	The State Univ	Intermediate	1.9	4.7	Learners will cre	Framing; Scaling	Digital Manufact	9	Whether you re	[0.3, 2.6]	French; Portuguese	English	physical-science	mechanical-engineering	
Digital Signal Processing 1: Basic Concepts	École Polytechn	Advanced	10.2	4.4	Digital Signal Pr	Signal Processin	Digital Signal Proc	1	This Specializat	[2.3, 16.0]	Arabic; French; F	English	physical-science	electrical-engineering	
Digital Signal Processing 2: Filtering	École Polytechn	Intermediate	5.1	4.7	Digital Signal Pr	Signal Processin	Digital Signal Proc	2	This Specializat	[0.6, 7.8]	Arabic; French; F	English	physical-science	electrical-engineering	
Digital Signal Processing 3: Analog vs Digital	École Polytechn	Advanced	3.4	4.8	Digital Signal Pr	Signal Processin	Digital Signal Proc	3	This Specializat	[0.5, 3.6]	Arabic; French; F	English	physical-science	electrical-engineering	
Digital Signal Processing 4: Applications	École Polytechn	Advanced	3.2	4.8	Digital Signal Pr	Data Transmissi	Digital Signal Proc	4	This Specializat	[0.4, 3.1]	Arabic; French; F	English	physical-science	electrical-engineering	
Digitalisation in the Aerospace Industry	Technische Univ	Advanced	7.5	4.7	The online cours	Digitalizing; Aer	Digitalisation in A	1	View the Special	[4.2, 9.5]	French; Portuguese	English	physical-science	mechanical-engineering	
Digitalisation in Space Research	Technische Univ	Beginner	5.7	4.8	This course prov	Aerospace Engi	Digitalisation in A	2	View the Special	[2.2, 8.4]	French; Portuguese	English	physical-science	mechanical-engineering	
Digitalisation in Aeronautics	Technische Univ	Advanced	4.6	4.7	The instructors o	Ansys; Aerospa	Digitalisation in A	3	View the Special	[2.4, 6.1]	French; Portuguese	English	physical-science	mechanical-engineering	
Electrodynamics: An Introduction	Korea Advanced	Advanced	4.1	4.7	The depth and b	Physics; Quantu	Electrodynamics	1	If you want to ap	[0.9, 6.3]	Arabic; French; F	English	physical-science	electrical-engineering	
Electrodynamics: Analysis of Electric Fields	Korea Advanced	Intermediate	3.2	4.8	This course is a	Energy; Quantu	Electrodynamics	2	If you want to ap	[0.4, 5.0]	French; Portuguese	English	physical-science	electrical-engineering	
Electrodynamics: Electric and Magnetic Fields	Korea Advanced	Advanced	3	4.9	This course is a	Physics; Quantu	Electrodynamics	3	If you want to ap	[0.5, 4.3]	French; Portuguese	English	physical-science	electrical-engineering	
Electrodynamics: In-depth Solutions for Maxwell's Equations	Korea Advanced	Advanced	4.2	4.8	This course is th	Physics; Flux; F	Electrodynamics	4	If you want to ap	[1.4, 5.1]	French; Portuguese	English	physical-science	electrical-engineering	
Cómo entrenar a tus electrones 1: Fundame	Pontificia Univ	Beginner	8.7	4.5	La electrónica h	Electronics; Sou	Electrónica en c	1	Este programa e	[2.3, 12.6]	None	Spanish	physical-science	electrical-engineering	
Cómo entrenar a tus electrones 2: Diodos v	Pontificia Univ	Advanced	7.6	4.9	La electrónica h	Electronic Circu	Electrónica en c	2	Este programa e	[1.6, 11.9]	None	Spanish	physical-science	electrical-engineering	
Cómo entrenar a tus electrones 3: Aplicacio	Pontificia Univ	Beginner	8.4	4.8	La electrónica h	Electronics; Gus	Electrónica en c	3	Este programa e	[4.7, 11.7]	None	Spanish	physical-science	electrical-engineering	
Sensors and Sensor Circuit Design	University of Col	Advanced	12	4.5	This course can	Circuit Design; P	Embedding Sens	1	The courses in t	[1.6, 16.2]	Arabic; French; F	English	physical-science	electrical-engineering	
Motors and Motor Control Circuits	University of Col	Intermediate	9	4.7	This course can	Specification; The	Embedding Sens	2	The courses in t	[1.7, 12.3]	Arabic; French; F	English	physical-science	electrical-engineering	
Pressure, Force, Motion, and Humidity Sensors	University of Col	Advanced	9.4	4.7	"Pressure, Force	Electronics; Toud	Embedding Sens	3	The courses in t	[0.8, 12.6]	Arabic; French; F	English	physical-science	electrical-engineering	
Sensor Manufacturing and Process Control	University of Col	Advanced	10.4	4.5	"Sensor Manufac	Process Control	Embedding Sens	4	The courses in t	[1.3, 14.6]	Arabic; French; F	English	physical-science	electrical-engineering	
Electric Power Systems	The State Univ	Beginner	4.2	4.7	This course fam	Generation; Ene	Energy Producti	1	This specializat	[1.6, 5.7]	Arabic; French; F	English	physical-science	electrical-engineering	
Natural Gas	The State Univ	Beginner	3.1	4.7	This course will	Natural Gas; Saf	Energy Producti	2	This specializat	[0.8, 4.4]	Arabic; French; F	English	physical-science	electrical-engineering	
Safety in the Utility Industry	The State Univ	Beginner	2.6	4.8	This course arms	Safety; Safety H	Energy Producti	3	This specializat	[0.5, 3.9]	Arabic; French; F	English	physical-science	electrical-engineering	
Energy: The Enterprise	The State Univ	Beginner	2.8	4.7	This course prov	Energy; Energy	Energy Producti	4	This specializat	[0.5, 4.2]	Arabic; French; F	English	physical-science	electrical-engineering	
What is Climate Change?	University of Col	Beginner	6.1	4.9	In this course, le	Climate Change; Exploring Our Re		1	In this specializ	[3.5, 7.8]	None	English	physical-science	environmental-science-and-sustainability	
How Do We Manage Climate Change?	University of Col	Intermediate	4.9	5	In this course, le	Climate Change; Exploring Our Re		2	In this specializ	[2.5, 7.2]	None	English	physical-science	environmental-science-and-sustainability	
Planning with Climate Change in Mind	University of Col	Beginner	3	5	This course foc	Planning; Agricul	Exploring Our Re	3	In this specializ	[0.8, 3.9]	None	English	physical-science	environmental-science-and-sustainability	
Introduction to FPGA Design for Embedded Systems	University of Col	Intermediate	21.7	4.5	This course can	Primarily Tests; A	FPGA Design for	1	The objective of	[9.1, 29.7]	Arabic; French; F	English	physical-science	electrical-engineering	
Hardware Description Languages for FPGA	University of Col	Advanced	21.5	4.1	This course can	Verilog; Hardwa	FPGA Design for	2	The objective of	[12.8, 28.5]	Arabic; French; F	English	physical-science	electrical-engineering	
FPGA Software Processors and IP Acquisition	University of Col	Intermediate	10.5	4.3	This course will	Verilog; Recursi	FPGA Design for	3	The objective of	[5.8, 13.5]	Arabic; French; F	English	physical-science	electrical-engineering	
FPGA Capstones: Building FPGA Projects	University of Col	Advanced	16.8	4.7	This course will	Project; Verilog	FPGA Design for	4	The objective of	[10.9, 19.7]	French; Portuguese	English	physical-science	electrical-engineering	
Fundamentals of GIS	University of Cal	Beginner	20.2	4.8	Explore the work	ArcGIS; Geograp	Geographic Infor	1	Knowledge of Ge	[14.3, 24.2]	Arabic; French; F	English	physical-science	environmental-science-and-sustainability	
GIS Data Formats, Design and Quality	University of Cal	Beginner	18.6	4.8	In this course, th	Analysis; ArcGIS	Geographic Infor	2	Knowledge of Ge	[13.2, 22.0]	Arabic; French; F	English	physical-science	environmental-science-and-sustainability	
Geospatial and Environmental Analysis	University of Cal	Beginner	17.6	4.8	Apply your GIS	Analysis; Geograp	Geographic Infor	3	Knowledge of Ge	[12.3, 21.7]	Arabic; French; F	English	physical-science	environmental-science-and-sustainability	
Imagery, Automation, and Applications	University of Cal	Beginner	18.9	4.8											

The Dynamic Earth: A Course for Educators	American Museum of Natural History	Advanced	9	4.6	The AMNH course	Geology; Rocks	Non Specializati	Non Specializati	Non Specializati	(5.1, 11.4)	French; Portug	English	physical-science	environmental-science-and-sustainability
How Things Work: An Introduction to Physics	University of Virginia	Beginner	10.2	4.7	An introduction to	Physics; Energy	Non Specializati	Non Specializati	Non Specializati	(2.5, 16.2)	Arabic; French; F	English	physical-science	physics-and-astronomy
Analisis de Redes con Kumu	Coursera Project	Intermediate	1.8	Not Calibrated	Neste curso de	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(0.8, 2.5)	None	Portuguese (Bra	physical-science	research-methods
Materials Data Science and Informatics	Georgia Institute of Technology	Advanced	7.5	4.3	This course aims	Materials; Gener	Non Specializati	Non Specializati	Non Specializati	(2.4, 10.8)	French; Portug	English	physical-science	chemistry
Sustainable Agricultural Land Management	University of Florida	Beginner	14.3	4.8	This course will	Agriculture; Lead	Non Specializati	Non Specializati	Non Specializati	(6.0, 19.8)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
Теория двойного компрессивного перемещения	HSE University	Intermediate	13.7	4.7	Курс призван да	Online Learning	Non Specializati	Non Specializati	Non Specializati	(5.6, 16.1)	None	Russian	physical-science	physics-and-astronomy
大学化学	Peking University	Not Calibrated	32.3	4.9	本课程是北京大	Chemistry; Chine	Non Specializati	Non Specializati	Non Specializati	(15.4, 37.6)	None	Chinese (China)	physical-science	chemistry
Material Processing	Georgia Institute of Technology	Advanced	3.6	4.8	Have you ever w	Materials; Phase	Non Specializati	Non Specializati	Non Specializati	(0.6, 5.0)	Arabic; French; F	English	physical-science	mechanical-engineering
Fatigue Failure in Different Fields of Engineering	e-Learning Dev	Advanced	16	3.8	In recent years,	Failure; Civil Eng	Non Specializati	Non Specializati	Non Specializati	(10.0, 19.0)	None	English	physical-science	mechanical-engineering
Дорожные камни: диагностика и ремонт	Novosibirsk State University	Intermediate	16.8	4.9	Дорожные камни	Deep Learning	Non Specializati	Non Specializati	Non Specializati	(11.2, 19.4)	None	Russian	physical-science	research-methods
La química en la producción de alimentos	Universidad Nariño	Beginner	8.1	Not Calibrated	A lo largo de este	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(3.5, 10.9)	None	Spanish	physical-science	chemistry
Qulsmarting Intermittency	Ecole Polytechnique	Advanced	4.6	4.4	Solar and wind e	Battery Manageme	Non Specializati	Non Specializati	Non Specializati	(2.5, 5.9)	None	English	physical-science	electrical-engineering
Robotica	Universidad Nariño	Beginner	8.3	4.5	¿Te gustaría con	Robotics; Robot	Non Specializati	Non Specializati	Non Specializati	(3.6, 11.3)	None	Spanish	physical-science	mechanical-engineering
Building an Ecosystem model with Insight ML	Coursera Project	Intermediate	0.2	4.8	In this 1-hour lo	Modeling; Ecosy	Non Specializati	Non Specializati	Non Specializati	(0.0, 0.2)	None	English	physical-science	research-methods
Сборки роботов и другие устройства на Arduino	Moscow Institute of Physics and Technology	Advanced	24.1	4.9	На протяжении	Arduino; Comput	Non Specializati	Non Specializati	Non Specializati	(15.0, 29.1)	None	Russian	physical-science	electrical-engineering
L'art des structures 1 - Câbles et arcs	Ecole Polytechnique	Beginner	40.4	4.9	L'art des structur	Art; Gustave Le	Non Specializati	Non Specializati	Non Specializati	(21.9, 45.5)	English	French	physical-science	mechanical-engineering
Introducción a los modelos de demanda de Our Earth's Future	American Museum of Natural History	Beginner	8	4.7	Our Earth's futur	Climate Change	Non Specializati	Non Specializati	Non Specializati	(4.8, 10.0)	Russian; Spanis	English	physical-science	environmental-science-and-sustainability
Statistical Mechanics, Algorithms and Computation	Ecole normale supérieure	Intermediate	46.7	4.8	In this course yo	General Statisti	Non Specializati	Non Specializati	Non Specializati	(29.8, 58.7)	Spanish; Russi	English	physical-science	physics-and-astronomy
Advanced Functional Ceramics	Yonsei University	Not Calibrated	4.4	4.7	To realize next-g	Materials; Chem	Non Specializati	Non Specializati	Non Specializati	(0.4, 6.7)	None	English	physical-science	environmental-science-and-sustainability
Technology of modern composite materials v	Peter the Great State Technical University	Beginner	6.7	4.1	The course will	Materials; Carbon	Non Specializati	Non Specializati	Non Specializati	(3.4, 9.0)	None	English	physical-science	chemistry
Linear Circuits 1: DC Analysis	Georgia Institute of Technology	Beginner	15.6	4.5	This course expl	Electronics; Elec	Non Specializati	Non Specializati	Non Specializati	(2.9, 20.8)	Arabic; French; F	English	physical-science	electrical-engineering
Introduction to the Arctic Climate	University of Alberta	Advanced	7.5	4.5	The University of	Climate Change	Non Specializati	Non Specializati	Non Specializati	(4.6, 9.4)	French; Portug	English	physical-science	environmental-science-and-sustainability
Como autoconstruir tu vivienda	Universidad Nariño	Beginner	7	4.7	En este MOOC,	Leadership and	Non Specializati	Non Specializati	Non Specializati	(4.5, 8.4)	None	Spanish	physical-science	mechanical-engineering
Silicon Thin Film Solar Cells	Ecole Polytechnique	Advanced	5.4	4.2	This course cons	Silicon; Film; Th	Non Specializati	Non Specializati	Non Specializati	(1.7, 7.3)	French; Portug	English	physical-science	mechanical-engineering
Introdução ao Controle de Sistemas	Instituto Tecnológico de Aeronáutica	Beginner	13	4.9	Este curso apres	Electrical Engine	Non Specializati	Non Specializati	Non Specializati	(8.4, 16.3)	None	Portuguese (Bra	physical-science	electrical-engineering
Microium Growth with NetLogo Web	Coursera Project	Intermediate	0.9	4.6	Underneath our	Web; NetLogo; S	Non Specializati	Non Specializati	Non Specializati	(0.3, 1.2)	None	English	physical-science	environmental-science-and-sustainability
Data-driven Astronomy	The University of Arizona	Advanced	24.4	4.8	Science is under	Python Program	Non Specializati	Non Specializati	Non Specializati	(14.3, 28.2)	Arabic; French; F	English	physical-science	physics-and-astronomy
Astro 101: Black Holes	University of Alberta	Beginner	23.2	4.8	What is a black	Astronomy; Hole	Non Specializati	Non Specializati	Non Specializati	(13.4, 29.1)	Arabic; French; F	English	physical-science	physics-and-astronomy
Introduction to advanced tomography	Technical University of Denmark	Advanced	12.4	4.8	In this course yo	Tomography; 3D	Non Specializati	Non Specializati	Non Specializati	(3.9, 17.0)	None	English	physical-science	physics-and-astronomy
История развития архитектуры и основы архитектуры	Novosibirsk State University	Beginner	10.7	4.9	Этот курс приз	Russian	Non Specializati	Non Specializati	Non Specializati	(4.5, 14.5)	None	Russian	physical-science	environmental-science-and-sustainability
Como autoconstruir tu vivienda. Segunda etapa	Universidad Nariño	Beginner	10	4.7	Si le has prepara	Masonry; Archite	Non Specializati	Non Specializati	Non Specializati	(7.0, 12.1)	None	Spanish	physical-science	electrical-engineering
Solar Energy System Design	The State University of New York at Binghamton	Advanced	19.6	4.7	Solar Energy Sys	Energy; Solar En	Non Specializati	Non Specializati	Non Specializati	(3.2, 24.0)	Arabic; French; F	English	physical-science	electrical-engineering
Нанотехнология: A Maker's Course	National Research University Higher School of Economics	Not Calibrated	6.2	4.6	Курс посвящен	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(3.7, 7.8)	None	Russian	physical-science	environmental-science-and-sustainability
Нанотехнология: A Maker's Course	Duke University	Advanced	13.5	4.8	How can we crea	Nanotechnology	Non Specializati	Non Specializati	Non Specializati	(7.2, 17.7)	Arabic; French; F	English	physical-science	electrical-engineering
Mécanique Lagrangienne	Ecole Polytechnique	Not Calibrated	16.5	4.4	Ces quelques le	Physics; Mathem	Non Specializati	Non Specializati	Non Specializati	(10.6, 19.2)	None	French	physical-science	mechanical-engineering
SimScale for Engineering Simulations - FEA	Coursera Project	Intermediate	0.8	4.6	In this hands-on	Mechanical Engi	Non Specializati	Non Specializati	Non Specializati	(0.3, 1.3)	None	English	physical-science	mechanical-engineering
Product Development using AutoCAD	Coursera Project	Intermediate	0.6	4.4	By the end of th	Product Develop	Non Specializati	Non Specializati	Non Specializati	(0.2, 0.9)	None	English	physical-science	mechanical-engineering
Una aproximación a la química del carbono	Universidad Nariño	Beginner	17.7	4.9	En este curso,	Chemistry; Yotta	Non Specializati	Non Specializati	Non Specializati	(12.0, 21.4)	None	Spanish	physical-science	chemistry
Искусство системного инженерства в микросистемной электронике	Moscow Institute of Physics and Technology	Beginner	15.7	4.5	Университетско	Comprehensiv	Non Specializati	Non Specializati	Non Specializati	(7.1, 18.6)	None	Russian	physical-science	research-methods
Introduction to Systems Engineering	UNSW Sydney	Advanced	27.9	4.6	Introduction to	Project Manageme	Non Specializati	Non Specializati	Non Specializati	(19.2, 34.7)	Arabic; French; F	English	physical-science	electrical-engineering
Mechanics: Motion, Forces, Energy and Gravity	UNSW Sydney	Beginner	13.3	4.4	Most of the phen	Physics; Problem	Non Specializati	Non Specializati	Non Specializati	(2.8, 16.8)	Arabic; French; F	English	physical-science	physics-and-astronomy
Science Research Foundations	Moscow Institute of Physics and Technology	Advanced	7.7	5	Scientific Rese	Experiment; Cau	Non Specializati	Non Specializati	Non Specializati	(2.0, 10.4)	None	English	physical-science	research-methods
The Finite Element Method for Problems in Fluid Mechanics	University of Michigan	Beginner	30.6	4.5	This course is a	Partial Different	Non Specializati	Non Specializati	Non Specializati	(2.4, 56.4)	Arabic; French; F	English	physical-science	mechanical-engineering
Introduction to Public Health Engineering in India	Ecole Polytechnique	Advanced	13.6	4.8	The world is fac	Public Health; H	Non Specializati	Non Specializati	Non Specializati	(4.5, 19.3)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
Введение в лазерные технологии	National Research University Higher School of Economics	Intermediate	11.8	4.8	Лазерные техно	Bismulation; Luc	Non Specializati	Non Specializati	Non Specializati	(6.8, 14.6)	None	Russian	physical-science	electrical-engineering
Lectures on Selected Topics in Classical and Quantum Mechanics	Moscow Institute of Physics and Technology	Intermediate	10.4	4.4	This course is de	Fluid Mechanics	Non Specializati	Non Specializati	Non Specializati	(3.3, 15.7)	None	English	physical-science	physics-and-astronomy
Инновации в промышленности: мехатроника	National Research University Higher School of Economics	Not Calibrated	8.1	4.3	Для инновацио	Mechatronics; PI	Non Specializati	Non Specializati	Non Specializati	(3.1, 11.2)	None	Russian	physical-science	mechanical-engineering
Internet of Things: Sensing and Actuation	University of California San Diego	Not Calibrated	9.2	4.4	Have you wonder	Internet of Thing	Non Specializati	Non Specializati	Non Specializati	(2.4, 13.5)	French; Portug	English	physical-science	electrical-engineering
Electronics en Acción: Electrónica y Arduinos	Pontificia Universidad Católica de Chile	Beginner	19.4	4.8	Este curso introd	Arduino; Electron	Non Specializati	Non Specializati	Non Specializati	(10.6, 25.8)	None	Spanish	physical-science	electrical-engineering
Fundamentals of Modern Russian-designed Aircraft	National Research University Higher School of Economics	Beginner	7.6	4.9	The goal of the c	P versus Np Pro	Non Specializati	Non Specializati	Non Specializati	(4.4, 9.7)	None	English	physical-science	physics-and-astronomy
BIM Fundamentals for Engineers	National Taiwan University	Beginner	12.5	4.6	The course is de	Autodesk Revit A	Non Specializati	Non Specializati	Non Specializati	(8.1, 16.1)	Russian; Spanis	English	physical-science	mechanical-engineering
Basics of thermodynamics	Novosibirsk State University	Intermediate	15.3	1.8	Our course on th	Physics; Fluid M	Non Specializati	Non Specializati	Non Specializati	(8.8, 17.5)	None	English	physical-science	physics-and-astronomy
Cyber-Physical Systems: Modeling and Simulation	University of California San Diego	Advanced	19.4	4.3	Cyber-physical s	Robotics; Mecha	Non Specializati	Non Specializati	Non Specializati	(5.0, 31.8)	None	English	physical-science	mechanical-engineering
Autodesk Certified Professional: Inventor for Urban Nature	Autodesk	Advanced	8.4	4.6	Prove to potent	Autodesk Invent	Non Specializati	Non Specializati	Non Specializati	(3.6, 11.8)	French; Portug	English	physical-science	mechanical-engineering
Urban Nature: Connecting Cities, Nature and People	Lund University	Advanced	8.5	4.7	How can nature	Innovation; Sust	Non Specializati	Non Specializati	Non Specializati	(5.3, 10.8)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
Frozen in the Ice: Exploring the Arctic	University of Colorado Boulder	Beginner	13.4	4.6	Why would houn	Freezing; Ecosy	Non Specializati	Non Specializati	Non Specializati	(3.9, 20.7)	None	English	physical-science	research-methods
Autodesk Certified Professional: Civil 3D for Infrastructure	Autodesk	Advanced	11.5	4.7	Prove to potent	Autocad; P-Rep	Non Specializati	Non Specializati	Non Specializati	(3.2, 15.0)	Arabic; French; F	English	physical-science	mechanical-engineering
机器人入门 - (Robotics 1)	National Taiwan University	Advanced	34.9	4.7	本课程主要在	Robotics; Mecha	Non Specializati	Non Specializati	Non Specializati	(26.6, 40.8)	None	Chinese (Traditio	physical-science	mechanical-engineering
Smart Materials: Microscale and Macroscale	Peter the Great State Technical University	Beginner	11.4	4.8	Smart materials	Materials; Micro	Non Specializati	Non Specializati	Non Specializati	(4.6, 15.9)	None	English	physical-science	research-methods
Environmental Management & Ethics	Technical University of Denmark	Advanced	13.4	4.6	Decision-makers	Ethics; Leadersh	Non Specializati	Non Specializati	Non Specializati	(8.2, 17.0)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
Methods of Surface Analysis	National Research University Higher School of Economics	Beginner	10.5	4.8	This is a vast v	Analysis; Beam	Non Specializati	Non Specializati	Non Specializati	(4.8, 14.8)	French; Portug	English	physical-science	research-methods
История в оптике. Часть 3. Коробочки и линзы	National Research University Higher School of Economics	Not Calibrated	7.2	4.8	Наряду с линз	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(4.0, 9.7)	None	Russian	physical-science	physics-and-astronomy
Introduction to Acoustics (Part 2)	Korea Advanced Institute of Science and Technology	Intermediate	4.5	4.7	Learners might	Acoustics; Bound	Non Specializati	Non Specializati	Non Specializati	(0.4, 4.7)	None	English	physical-science	physics-and-astronomy
天文学	Nanjing University	Not Calibrated	18.5	4.7	大家好，欢迎	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(12.0, 22.5)	None	Chinese (China)	physical-science	physics-and-astronomy
Chemistry	University of Kent	Intermediate	21.4	4.7	This course is de	Chemistry; Stoi	Non Specializati	Non Specializati	Non Specializati	(5.1, 33.2)	Spanish; Russi	English	physical-science	chemistry
Advanced Engineering Systems in Motion	Georgia Institute of Technology	Not Calibrated	7.2	4.8	This course is a	Angular; Framin	Non Specializati	Non Specializati	Non Specializati	(0.5, 10.5)	Arabic; French; F	English	physical-science	mechanical-engineering
Planification et Design de Systèmes et de Produits	Ecole Polytechnique	Intermediate	11.3	4.7	Désirez-vous ap	Transporting; Hu	Non Specializati	Non Specializati	Non Specializati	(6.8, 14.7)	English	French	physical-science	environmental-science-and-sustainability
Planning & Design of Sanitation Systems and Electric Vehicles and Mobility	Ecole des Ponts	Advanced	9.1	4.8	Do you want to	Sanitation; Plan	Non Specializati	Non Specializati	Non Specializati	(2.0, 13.7)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
Wind Energy	Technical University of Denmark	Beginner	9	4.7	How tall is a mo	Energy; Wind En	Non Specializati	Non Specializati	Non Specializati	(1.4, 14.8)	Portuguese; Ara	English	physical-science	mechanical-engineering
AstroTech: The Science and Technology behind Our Energy Future	The University of Arizona	Beginner	6.6	4.7	How do things i	Astronomy; Phys	Non Specializati	Non Specializati	Non Specializati	(3.6, 8.5)	French; Portug	English	physical-science	physics-and-astronomy
Основы рационального использования энергии	University of California San Diego	Beginner	17.3	4.7	This course is de	Energy; Sustaina	Non Specializati	Non Specializati	Non Specializati	(5.3, 26.6)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
Основы рационального использования энергии	Saint Petersburg State University	Not Calibrated	9.8	5	На основе курс	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(4.8, 13.7)	None	Russian	physical-science	chemistry
Fundamentals of Fluid-Solid Interactions	Ecole Polytechnique	Advanced	12.3	4.7	What is fluid-so	Fluid Mechanics	Non Specializati	Non Specializati	Non Specializati	(4.9, 17.5)	French; Portug	English	physical-science	mechanical-engineering
Кинематика	Moscow Institute of Physics and Technology	Beginner	19.2	5	В курсе рассма	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(5.9, 16.5)	None	Russian	physical-science	mechanical-engineering
Sistemas agropecuarios: una alternativa sostenible	Universidad Nariño	Beginner	10.3	4.9	El mundo entren	Agriculture; I-De	Non Specializati	Non Specializati	Non Specializati	(6.6, 12.8)	None	Spanish	physical-science	environmental-science-and-sustainability
Аддитивные технологии (3D-печать). Ввод	Peter the Great State Technical University	Beginner	6.3	4.8	Аддитивные тех	Digital 3D; 3D Pr	Non Specializati	Non Specializati	Non Specializati	(3.0, 8.6)	None	Russian	physical-science	mechanical-engineering
Materials Science - 10 Things Every Engineer Should Know	University of California San Diego	Advanced	5.5	4.7	We explore "10	Materials; Proc	Non Specializati	Non Specializati	Non Specializati	(1.5, 7.9)	Arabic; French; F	English	physical-science	mechanical-engineering
Computer Architecture	Princeton University	Advanced	7.3	4.7	In this course,	Architecture; Co	Non Specializati	Non Specializati	Non Specializati	(0.9, 4.9)	Spanish; Russi	English	physical-science	electrical-engineering
Introduction to Biomedical Engineering	Peter the Great State Technical University	Advanced	8.6	4.4	The course is a	Mallab; Arduino	Non Specializati	Non Specializati	Non Specializati	(4.2, 11.3)	Arabic; French; F	English	physical-science	mechanical-engineering

Transformation of the Global Food System	University of Col	Beginner	4.2	4.8	The UN predicts	Sustainability; Fc	Non Specializat	Non Specializat	Non Specializat	(1.0, 6.3)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
有机化学	Xinan Jiaotong U	Not Calibrated	29.5	4.4	(无机化学)基础	Chemistry	Non Specializat	Non Specializat	Non Specializat	(6.8, 40.2)	None	Chinese (China)	physical-science	chemistry
Строение биологических тканей для моделирования	National Resear	Intermediate	9.3	Not Calibrated	Этот курс покрывает	Tissue Chemistry	Non Specializat	Non Specializat	Non Specializat	(4.7, 12.5)	None	Russian	physical-science	research-methods
Disaster Preparedness	University of Pitt	Beginner	7.1	4.7	Have you ever vi	Preparedness; E	Non Specializat	Non Specializat	Non Specializat	(2.8, 10.2)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
Origens da Vida no Contexto Cósmico	Universidade de	Intermediate	6.9	4.8	Origens da vida	Astrobiology; Ast	Non Specializat	Non Specializat	Non Specializat	(4.6, 8.2)	None	Portuguese (Bra	physical-science	physics-and-astronomy
Environmental Safety	Saint Petersburg	Beginner	6.4	4.9	Energy is an imp	Safety; Environm	Non Specializat	Non Specializat	Non Specializat	(2.9, 8.8)	None	English	physical-science	environmental-science-and-sustainability
Introduction to Sustainability	University of Illin	Beginner	24.3	4.7	This course intro	Sustainability; Et	Non Specializat	Non Specializat	Non Specializat	(10.9, 32.9)	Tamil; Arabic; Fa	English	physical-science	environmental-science-and-sustainability
Mécanique du point matériel	École Polytechni	Not Calibrated	33.7	4.7	Ces quelques les	Joie De Vivre; G	Non Specializat	Non Specializat	Non Specializat	(23.3, 43.2)	German	French	physical-science	physics-and-astronomy
Greening the Economy: Lessons from Science	Lund University	Beginner	17.2	4.7	How can we live	Economy; Susta	Non Specializat	Non Specializat	Non Specializat	(12.2, 20.1)	French; Portugul	English	physical-science	environmental-science-and-sustainability
Генетика развития растений	Saint Petersburg	Advanced	18.4	Not Calibrated	В нашем курсе	Chemistry	Non Specializat	Non Specializat	Non Specializat	(8.9, 25.2)	None	Russian	physical-science	chemistry
Evaluación de peligros y riesgos por fenómenos naturales	Universidad Nac	Advanced	16.6	4.8	Reconocer el por	Risk; Planning; I	Non Specializat	Non Specializat	Non Specializat	(11.6, 19.5)	None	Spanish	physical-science	environmental-science-and-sustainability
Mechanics of Materials I: Fundamentals and Applications	Georgia Institute	Beginner	5	4.8	This course expl	Stress; Materials	Non Specializat	Non Specializat	Non Specializat	(0.4, 7.1)	Arabic; French; F	English	physical-science	mechanical-engineering
Mastering bitumen for better roads and innovative applications	Ecole des Ponts	Beginner	4.5	4.8	During the four c	Road Construct	Non Specializat	Non Specializat	Non Specializat	(0.9, 6.8)	Arabic; French; F	English	physical-science	chemistry
IBM Application for Engineers	National Taiwan	Advanced	20.9	4.7	In order to effect	Building Informa	Non Specializat	Non Specializat	Non Specializat	(12.5, 27.4)	Arabic; French; F	English	physical-science	mechanical-engineering
Thermodynamique - applications	École Polytechni	Not Calibrated	18.6	4.6	Ce cours complète	Joie De Vivre; G	Non Specializat	Non Specializat	Non Specializat	(5.4, 28.3)	None	French	physical-science	physics-and-astronomy
Manipulate Coulomb's Law Concepts using Virtual Reality	Coursera Project	Beginner	0.8	5	The interaction b	Accounting; Obse	Non Specializat	Non Specializat	Non Specializat	(0.3, 1.1)	None	English	physical-science	electrical-engineering
Fundamentals of Materials Science	Shanghai Jiao T	Intermediate	16.3	4	Materials are the	Materials; Civil E	Non Specializat	Non Specializat	Non Specializat	(6.2, 21.5)	None	English	physical-science	physics-and-astronomy
Физическая химия	Novosibirsk Stat	Intermediate	11.8	4.5	ОБЩЕЕ ОПИСА	Chemistry	Non Specializat	Non Specializat	Non Specializat	(3.7, 15.9)	None	Russian	physical-science	chemistry
Vers l'infiniment petit - Voyages de l'infiniment petit	École Polytechni	Beginner	3.7	4.7	Partez à la décou	Physics; Astron	Non Specializat	Non Specializat	Non Specializat	(1.9, 4.3)	None	French	physical-science	physics-and-astronomy
Equilibrium - por que se caem las cosas?	Pontificia Univer	Beginner	18.8	4.4	Por que las gru	Physics; Denom	Non Specializat	Non Specializat	Non Specializat	(7.3, 29.0)	None	Spanish	physical-science	mechanical-engineering
Sustainability through Soccer: Systems-Thinking	University of Virg	Intermediate	9.7	3.6	This course take	Sustainability; S	Non Specializat	Non Specializat	Non Specializat	(5.1, 11.1)	None	English	physical-science	environmental-science-and-sustainability
Fundamentals of Fluid Power	University of Min	Advanced	11.3	4.8	Fluid power has	Hydraulics; Fluid	Non Specializat	Non Specializat	Non Specializat	(2.8, 17.3)	Arabic; French; F	English	physical-science	mechanical-engineering
The Evolving Universe	Caltech	Advanced	32.9	4.6	This is an introd	Astronomy; Vera	Non Specializat	Non Specializat	Non Specializat	(15.5, 42.8)	Arabic; French; F	English	physical-science	physics-and-astronomy
Mécanique / Solide indéformable	École Polytechni	Not Calibrated	14.7	4.8	Ces quelques les	Physics; Joie De	Non Specializat	Non Specializat	Non Specializat	(7.6, 19.1)	Chinese; Greek;	French	physical-science	physics-and-astronomy
Microwave engineering and antennas	Eindhoven Unive	Advanced	47.6	4.2	This unique Mas	Wireless; Electr	Non Specializat	Non Specializat	Non Specializat	(32.0, 62.4)	None	English	physical-science	electrical-engineering
Aerospacelastromy	Politecnico di M	Advanced	7.4	4.5	Aerospacelastrom	Astronomy; Hist	Non Specializat	Non Specializat	Non Specializat	(3.8, 9.4)	Arabic; French; F	English	physical-science	physics-and-astronomy
General Chemistry: Concept Development	Rice University	Intermediate	17.7	4.6	This course will	Chemistry; Ener	Non Specializat	Non Specializat	Non Specializat	(4.0, 27.2)	Spanish; Russi	English	physical-science	chemistry
Wood Science: Beyond Building	West Virginia U	Beginner	5.2	4.7	The central ques	Forest; Wood Ec	Non Specializat	Non Specializat	Non Specializat	(1.2, 7.7)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
Физика в онкологии. Часть 1. Механика	National Resear	Intermediate	7.3	4.6	Наглядно - мы	Physics; Law; Ex	Non Specializat	Non Specializat	Non Specializat	(3.9, 9.5)	None	Russian	physical-science	physics-and-astronomy
ميكانيكا الكتل المتصلة - الجزء الثاني	Technion - Israel	Not Calibrated	8.5	5	هذا المساق يغطي	Not Calibrated	Non Specializat	Non Specializat	Non Specializat	(2.9, 11.0)	None	Arabic	physical-science	chemistry
Processing of Space Monitoring Information	Moscow Institute	Advanced	8.1	Not Calibrated	Observation of	Energy; Satellite	Non Specializat	Non Specializat	Non Specializat	(3.5, 10.9)	None	English	physical-science	physics-and-astronomy
Teaching in University Science Laboratories	University of Am	Beginner	13.7	4.6	This course is de	Chemistry; Stud	Non Specializat	Non Specializat	Non Specializat	(6.9, 18.8)	French; Portug	English	physical-science	chemistry
Mécanique quantique	École Polytechni	Advanced	27.6	4.8	Comme tout cours	Quantum Mecha	Non Specializat	Non Specializat	Non Specializat	(13.8, 34.5)	None	French	physical-science	physics-and-astronomy
Emergent Phenomena in Science and Everyday Life	University of Cal	Intermediate	19.3	4.4	Before the advent	Complexity; Net	Non Specializat	Non Specializat	Non Specializat	(8.7, 14.8)	French; Portug	English	physical-science	physics-and-astronomy
Wireless Communications for Everybody	Yonsei University	Beginner	5.1	4.7	This course will	Wireless; Comm	Non Specializat	Non Specializat	Non Specializat	(0.8, 8.0)	French; Portug	English	physical-science	electrical-engineering
Structure of matter: atoms, molecules, nanos	Saint Petersburg	Not Calibrated	12.1	4.7	A two-part cours	Chemistry; Tailo	Non Specializat	Non Specializat	Non Specializat	(5.3, 16.4)	None	English	physical-science	chemistry
Gestión integral del riesgo de desastres	Universidad Nat	Beginner	9.6	4.8	El curso está or	Integrat; Risk M	Non Specializat	Non Specializat	Non Specializat	(6.5, 12.0)	None	Spanish	physical-science	environmental-science-and-sustainability
Introduction to Basic Vibrations	Korea Advanced	Intermediate	4.5	4.6	Introduction to B	Solidworks; Mec	Non Specializat	Non Specializat	Non Specializat	(1.5, 6.6)	Spanish; French	English	physical-science	mechanical-engineering
Municipal Solid Waste Management in Developing Countries	École Polytechni	Advanced	12.4	4.8	Have you come	Leadership and	Non Specializat	Non Specializat	Non Specializat	(4.0, 17.6)	Vietnamese; Ge	English	physical-science	environmental-science-and-sustainability
3D CAD Fundamentals	National Taiwan	Advanced	20.1	4.6	There have man	Sketchup; 3d Mo	Non Specializat	Non Specializat	Non Specializat	(14.0, 24.1)	Arabic; French; F	English	physical-science	mechanical-engineering
Autodesk Certified Professional: AutoCAD	Autodesk	Advanced	8.1	4.7	Prove to potent	Autocad; Autode	Non Specializat	Non Specializat	Non Specializat	(3.1, 11.0)	Arabic; French; F	English	physical-science	mechanical-engineering
Introducción a la geología	Universidad Nac	Beginner	13	4.8	Este curso está	Geology; Ener	Non Specializat	Non Specializat	Non Specializat	(9.2, 15.4)	None	Spanish	physical-science	environmental-science-and-sustainability
Exploring Light: Hands-on Activities and Strategies	Exploratorium	Intermediate	5.3	4.8	This is an explor	Optics Algorithm	Non Specializat	Non Specializat	Non Specializat	(0.9, 7.7)	French; Portug	English	physical-science	physics-and-astronomy
Введение в геологию полезных ископаемых	National Resear	Not Calibrated	8.1	5	Рассмотрим в	Not Calibrated	Non Specializat	Non Specializat	Non Specializat	(4.3, 9.0)	None	Russian	physical-science	physics-and-astronomy
Astrobiology: Exploring Other Worlds	University of Ariz	Beginner	30.1	4.9	How are astron	Astrobiology; Ast	Non Specializat	Non Specializat	Non Specializat	(21.4, 35.0)	Arabic; French; F	English	physical-science	physics-and-astronomy
Mechanics of Materials III: Beam Bending	Georgia Institute	Beginner	3.5	4.8	This course expl	Beam Robotics	Non Specializat	Non Specializat	Non Specializat	(0.2, 5.3)	Arabic; French; F	English	physical-science	mechanical-engineering
Mechanics of Materials IV: Deflections, Buckling	Georgia Institute	Beginner	2.1	4.8	This course expl	Materials; Failure	Non Specializat	Non Specializat	Non Specializat	(0.1, 2.9)	Arabic; French; F	English	physical-science	mechanical-engineering
Fundamentals of Global Energy Business	University of Col	Advanced	18.2	4.6	Learn about dive	Energy; Analysis	Non Specializat	Non Specializat	Non Specializat	(0.0, 24.4)	French; Portug	English	physical-science	environmental-science-and-sustainability
普通物理学: 电磁学、光学及近代物理 (General Physics: Electromagnetism, Optics and Modern Physics)	National Taiwan	Not Calibrated	29.8	4.8	物理學是描述	Physics	Non Specializat	Non Specializat	Non Specializat	(20.9, 36.0)	None	Chinese (Tradit	physical-science	physics-and-astronomy
Fundamentals of waves and vibrations	École Polytechni	Advanced	7.9	4.2	See our course	Acoustics; Beam	Non Specializat	Non Specializat	Non Specializat	(2.2, 10.9)	French; Portug	English	physical-science	mechanical-engineering
Estrategias para ganar. Metodología en la vida	Universidad de B	Intermediate	17.7	4.7	Tanto si eres o	Physics; Comput	Non Specializat	Non Specializat	Non Specializat	(12.5, 21.1)	None	Spanish	physical-science	physics-and-astronomy
Construction and operation of pumps for microfluidics	National Resear	Advanced	20.1	2.9	Pumps are wides	Operations; Manu	Non Specializat	Non Specializat	Non Specializat	(15.5, 24.0)	Russian	English	physical-science	mechanical-engineering
D'un infini à l'autre - Voyages de l'infiniment petit	École Polytechni	Beginner	3.7	4.7	Partez à la décou	Physics; Energy	Non Specializat	Non Specializat	Non Specializat	(2.1, 4.4)	None	French	physical-science	physics-and-astronomy
Física: Vectores, Trabajo y Energía	Tecnológico de A	Advanced	23.8	4.4	Este curso prove	Calculus; Expl	Non Specializat	Non Specializat	Non Specializat	(16.1, 28.8)	None	Spanish	physical-science	physics-and-astronomy
Origins - Formation of the Universe, Solar System	University of Col	Advanced	26.6	4.6	The Origins cour	Evolution; Solar	Non Specializat	Non Specializat	Non Specializat	(15.5, 34.3)	French; Portug	English	physical-science	physics-and-astronomy
Understanding Research Methods	University of Lon	Beginner	5	4.5	This MOC is ab	Research Metho	Non Specializat	Non Specializat	Non Specializat	(2.9, 6.6)	Arabic; French; F	English	physical-science	research-methods
¿Cómo? / Química en mi casa?	National Resear	Beginner	11	4.8	En este curso e	Chemistry; Unos	Non Specializat	Non Specializat	Non Specializat	(7.8, 13.2)	None	Spanish	physical-science	chemistry
Введение в геологию полезных ископаемых	Saint Petersburg	Not Calibrated	19	4.6	Данный курс да	Geology	Non Specializat	Non Specializat	Non Specializat	(13.3, 23.8)	None	Russian	physical-science	environmental-science-and-sustainability
Физика в онкологии. Часть 2. Электродинамика	National Resear	Advanced	7	4.9	Наглядно - мы	Physics	Non Specializat	Non Specializat	Non Specializat	(3.3, 9.5)	None	Russian	physical-science	physics-and-astronomy
Crash course in Gnuplot	Coursera Project	Beginner	1.2	4	By the end of thi	Plot (Graphics);	Non Specializat	Non Specializat	Non Specializat	(0.5, 1.6)	None	English	physical-science	physics-and-astronomy
Via History - From the Big Bang until Today	University of Am	Advanced	17.4	4.6	Welcome to thi	History; Religion	Non Specializat	Non Specializat	Non Specializat	(9.5, 21.2)	Arabic; French; F	English	physical-science	physics-and-astronomy
Statistical Thermodynamics: Molecules to Materials	Carnegie Mellon	Advanced	17.6	3.3	Modern engineer	Computational C	Non Specializat	Non Specializat	Non Specializat	(13.2, 21.0)	French; Portug	English	physical-science	mechanical-engineering
Fundamentos de astrofísica	Universidad Nac	Advanced	6.7	4.7	Las nuevas tend	Unos (Operating	Non Specializat	Non Specializat	Non Specializat	(4.3, 8.4)	None	Spanish	physical-science	environmental-science-and-sustainability
Técnicas Microscópicas de Caracterización	Universidad de B	Advanced	6.7	4.6	El recorrido por	Thought; Optics	Non Specializat	Non Specializat	Non Specializat	(3.2, 9.3)	None	Spanish	physical-science	research-methods
Physical Basics of Quantum Computing	Saint Petersburg	Intermediate	9.5	4	Quantum inform	Quantum Mecha	Non Specializat	Non Specializat	Non Specializat	(1.2, 15.7)	French; Portug	English	physical-science	physics-and-astronomy
Физика в онкологии. Часть 4. Волны и оптика	National Resear	Not Calibrated	6.8	5	Наглядно - мы	Not Calibrated	Non Specializat	Non Specializat	Non Specializat	(2.8, 9.0)	None	Russian	physical-science	physics-and-astronomy
Applications in Engineering Mechanics	Georgia Institute	Beginner	6.4	4.8	This course intro	Mechanical Engi	Non Specializat	Non Specializat	Non Specializat	(0.3, 10.9)	Arabic; French; F	English	physical-science	mechanical-engineering
Introduction to Molecular Spectroscopy	University of Mal	Advanced	7.5	4.7	The course intro	Chemistry; Analy	Non Specializat	Non Specializat	Non Specializat	(2.2, 11.2)	Arabic; French; F	English	physical-science	chemistry
Quantum Optics 1 - Single Photons	École Polytechni	Beginner	20.3	4.8	This course gives	Tailored Access	Non Specializat	Non Specializat	Non Specializat	(5.1, 29.7)	French; Portug	English	physical-science	physics-and-astronomy
Квантовая оптика в материаловедении	National Resear	Beginner	9	5	В курсе «Квант	Not Calibrated	Non Specializat	Non Specializat	Non Specializat	(4.3, 12.3)	None	Russian	physical-science	physics-and-astronomy
Introduction to Inkscape	Coursera Project	Intermediate	0.5	4	This project is f	Inkscape; Scann	Non Specializat	Non Specializat	Non Specializat	(0.1, 0.7)	None	English	physical-science	physics-and-astronomy
Ingeniería de Tráfico	Pontificia Univer	Advanced	10.4	4.7	El curso present	Traffic Engineer	Non Specializat	Non Specializat	Non Specializat	(6.5, 13.3)	None	Spanish	physical-science	mechanical-engineering
Introduction to High-Throughput Materials Discovery	Georgia Institute	Advanced	11.8	4.5	This course is a	Materials; Chem	Non Specializat	Non Specializat	Non Specializat	(3.7, 17.8)	French; Portug	English	physical-science	chemistry
Ecosystem Services: a Method for Sustainable Development	University of Ger	Advanced	21.2	4.7	Ecosystem servi	Ecosystem Servi	Non Specializat	Non Specializat	Non Specializat	(11.5, 27.6)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
Photovoltaic solar energy	École Polytechni	Advanced	7.9	4.1	The course is an	Energy; Solar Et	Non Specializat	Non Specializat	Non Specializat	(3.1, 10.8)	French; Portug	English	physical-science	electrical-engineering
Introduction to Advanced Vibrations	Korea Advanced	Beginner	4.7	4.8	Introduction to A	Beam Robotics	Non Specializat	Non Specializat	Non Specializat	(1.9, 6.6)	French; Portug	English	physical-science	mechanical-engineering
Exploring Quantum Physics	University of Mal	Intermediate	29.6	3.4	An introduction	Quantum Mecha	Non Specializat	Non Specializat	Non Specializat	(11.2, 41.5)	Arabic; French; F	English	physical-science	physics-and-astronomy
The Science of the Solar System	Caltech	Advanced	38.8	4.8	Learn about the	Solar Systems; A	Non Specializat	Non Specializat	Non Specializat	(22.6, 48.0)	Arabic; French; F	English	physical-science	physics-and-astronomy
Structure of matter: atoms, molecules, nanos	Saint Petersburg	Not Calibrated	12.1	Not Calibrated	A two-part cours	Compounding; E	Non Specializat	Non Specializat	Non Specializat	(5.3, 16.4)	None	English	physical-science	chemistry
Geodesin: Change Your World	The Pennsylvan	Advanced	11.2	4.7	What happens w	Creativity; Proce	Non Specializat	Non Specializat	Non Specializat	(6.2, 13.8)	French; Portug	English	physical-science	environmental-science-and-sustainability
Mountains 101	University of Alb	Beginner	15.8	4.9	Mountains 101	Biodiversity; Ge	Non Specializat	Non Specializat	Non Specializat	(11.4, 18.5)	German; Russi	English	physical-science	environmental-science-and-sustainability
Global														

Computers, Waves, Simulations: A Practical	Ludwig-Maximilians	Advanced	18.1	4.8	Interested in lear	Numerical Analy	Non Specializati	Non Specializati	Non Specializati	(3.2, 28.1)	French; Portugu	English	physical-science	research-methods
Physics of silicon solar cells	Ecole Polytechni	Intermediate	13.1	4.4	The first MOOC	Silicon; Energy	Non Specializati	Non Specializati	Non Specializati	(6.3, 18.3)	French; Portugu	English	physical-science	physics-and-astronomy
Introducción a la física experimental: electrodinámica	Politecnico di Mi	Not Calibrated	11.2	4.8	Il corso affronta l	Physics; Teachin	Non Specializati	Non Specializati	Non Specializati	(2.7, 15.1)	None	Italian	physical-science	physics-and-astronomy
Explorando la Energía Sustentable	Pontificia Univers	Beginner	20.2	4.8	Eate course introd	Energy; Sustaina	Non Specializati	Non Specializati	Non Specializati	(13.9, 24.7)	None	Spanish	physical-science	environmental-science-and-sustainability
Ash-Related Operational Challenges in Engr	Technical Univers	Intermediate	9.2	4.9	The basic idea in	Chemical Engin	Non Specializati	Non Specializati	Non Specializati	(3.2, 12.7)	None	English	physical-science	environmental-science-and-sustainability
RF and millimeter-Wave Circuit Design	Eindhoven Univers	Intermediate	11.8	5	This unique MSc	Electronics; Elec	Non Specializati	Non Specializati	Non Specializati	(5.3, 17.5)	None	English	physical-science	electrical-engineering
Simulation and modeling of natural processes	University of Geor	Advanced	25.4	3	This course give	Simulation; Model	Non Specializati	Non Specializati	Non Specializati	(14.0, 33.1)	Arabic; French; F	English	physical-science	research-methods
Thermodynamique - Fondements	Ecole Polytechni	Not Calibrated	18.4	4.5	Ce cours vous in	Time Management	Non Specializati	Non Specializati	Non Specializati	(12.2, 23.3)	None	French	physical-science	physics-and-astronomy
Introduction to Indoor Air Quality	The Hong Kong	Beginner	6.8	4.7	Course Overview	Adobe Air; Indoor	Non Specializati	Non Specializati	Non Specializati	(2.9, 9.2)	French; Portugu	English	physical-science	mechanical-engineering
Engineering Systems in Motion: Dynamics of	Georgia Institute	Beginner	6.3	4.8	This course is an	Classical Mecha	Non Specializati	Non Specializati	Non Specializati	(0.5, 6.1)	Arabic; French; F	English	physical-science	mechanical-engineering
Transmission electron microscopy for materi	Ecole Polytechni	Advanced	33.6	4.2	Learn about the	Materials; Electri	Non Specializati	Non Specializati	Non Specializati	(17.4, 44.2)	French; Portugu	English	physical-science	physics-and-astronomy
Design of bulk nanostructured metal materia	Peter the Great's	Intermediate	10.1	Not Calibrated	AT THE TURN O	Materials; Nano	Non Specializati	Non Specializati	Non Specializati	(4.4, 13.7)	None	English	physical-science	mechanical-engineering
Introduction into General Theory of Relativit	HSE University	Advanced	35.5	4.4	General Theory	Theory Of Relati	Non Specializati	Non Specializati	Non Specializati	(9.4, 52.7)	Arabic; French; F	English	physical-science	physics-and-astronomy
Sistemas Digitales: De las puertas lógicas a	Universitat Autò	Not Calibrated	37.5	4.8	En este curso ap	Power Electronic	Non Specializati	Non Specializati	Non Specializati	(21.5, 50.2)	None	Spanish	physical-science	electrical-engineering
Geographical Information Systems - Part 1	Ecole Polytechni	Advanced	17.5	3.3	This course is o	Geographic Infor	Non Specializati	Non Specializati	Non Specializati	(4.3, 25.6)	French; Portugu	English	physical-science	environmental-science-and-sustainability
Analyzing the Universe	Rutgers the Stat	Intermediate	22.8	4.5	Using publicly av	Astronomy; Sate	Non Specializati	Non Specializati	Non Specializati	(13.9, 27.8)	French; Portugu	English	physical-science	physics-and-astronomy
Recent Advances in Freeform Electronics	Yonsei Universit	Intermediate	5.6	4.6	In this course, th	Electronics; Mat	Non Specializati	Non Specializati	Non Specializati	(11.9, 8.1)	Spanish	English	physical-science	physics-and-astronomy
Autodesk Certified Professional: Revit for Str	Autodesk	Advanced	14	4.7	Prove to potenti	Test Preparation	Non Specializati	Non Specializati	Non Specializati	(5.4, 20.2)	Arabic; French; F	Spanish	physical-science	mechanical-engineering
Las estaciones del año y el clima	Universidad Nat	Beginner	9.7	4.8	¿Sabes por qué	Human Learning	Non Specializati	Non Specializati	Non Specializati	(8.2, 12.0)	None	Spanish	physical-science	environmental-science-and-sustainability
Additive Technologies in Metallurgy & Mecha	Peter the Great's	Intermediate	9.6	4.2	Every teenager	Metalurgy; Mech	Non Specializati	Non Specializati	Non Specializati	(5.7, 12.8)	None	English	physical-science	mechanical-engineering
Методы и инструменты системного модел	Moscow Institute	Beginner	5.6	4	Сергей спарте	Systems Engin	Non Specializati	Non Specializati	Non Specializati	(2.6, 6.9)	None	Russian	physical-science	research-methods
Seismic tomography: look inside the Earth	Novosibirsk Stat	Intermediate	10.3	4.7	Welcome to the	Tomography; Ge	Non Specializati	Non Specializati	Non Specializati	(8.0, 13.4)	None	English	physical-science	environmental-science-and-sustainability
Collaborative Robot Safety, Design & Desplo	The State Univers	Beginner	4.8	4.7	As robots evolve	Robotics; Safety	Non Specializati	Non Specializati	Non Specializati	(13.3, 6.9)	Arabic; French; F	English	physical-science	mechanical-engineering
高輝光學— (Introduction to Optics (I))	National Taiwan	Not Calibrated	22.4	4.7	以深入淺出的	Optics Algorithm	Non Specializati	Non Specializati	Non Specializati	(12.4, 29.4)	Chinese	Chinese (Traditi	physical-science	physics-and-astronomy
Systèmes d'Information Géographique - Part	Ecole Polytechni	Advanced	26.8	4.4	Organisé en deu	SQL; OGIS; Data	Non Specializati	Non Specializati	Non Specializati	(18.9, 33.0)	None	French	physical-science	environmental-science-and-sustainability
La Química de las Reacciones	Universidad Autò	Beginner	15.8	3.6	En este curso ap	Chemistry; Yotta	Non Specializati	Non Specializati	Non Specializati	(10.4, 21.5)	None	Spanish	physical-science	chemistry
Physique des particules - une introduction	University of Ge	Intermediate	30.1	4.4	Ce cours vous in	Astronomy; Phys	Non Specializati	Non Specializati	Non Specializati	(18.1, 37.0)	None	French	physical-science	physics-and-astronomy
Vers l'infiniment grand - Voyages de l'infinim	Ecole Polytechni	Intermediate	4.2	4.8	Partez à la décou	Nous; Gustave L	Non Specializati	Non Specializati	Non Specializati	(2.6, 5.3)	None	French	physical-science	physics-and-astronomy
Mobilités et véhicules électriques	Ecole des Ponts	Intermediate	16.2	4.7	L'objectif de ce	Electric Vehicles	Non Specializati	Non Specializati	Non Specializati	(10.9, 20.1)	English	French	physical-science	environmental-science-and-sustainability
Электроника и микроэлектроника	Moscow Institute	Not Calibrated	34.9	4.5	Что такое физик	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(23.4, 43.1)	None	Russian	physical-science	physics-and-astronomy
Introduction to Facets of Sludge Management	Ecole Polytechni	Beginner	7.9	4.8	Do you want tea	Planning; Leader	Non Specializati	Non Specializati	Non Specializati	(1.0, 12.4)	French; Bengali;	English	physical-science	environmental-science-and-sustainability
Atomic Solar Cells - Theory and Practice	Technical Univers	Intermediate	12.8	4.6	The goal of the	Solar Energy; E	Non Specializati	Non Specializati	Non Specializati	(6.2, 17.0)	Arabic; French; F	English	physical-science	chemistry
Creative, Innovation and Transformation	The Pennsylvania	Beginner	17.9	4.4	Our lives are bei	Creativity; Innov	Non Specializati	Non Specializati	Non Specializati	(8.2, 23.6)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
高輝光學— (Introduction to Optics (II))	Yale University	Not Calibrated	16.2	5	李祥華教授	Architecture; Ass	Non Specializati	Non Specializati	Non Specializati	(8.3, 14.5)	Spanish; English;	Chinese (China)	physical-science	environmental-science-and-sustainability
Les deux infinis et nous - Voyages de l'infini	Ecole Polytechni	Beginner	3.2	4.7	Partez à la décou	Molecular Dyna	Non Specializati	Non Specializati	Non Specializati	(1.9, 3.8)	None	French	physical-science	physics-and-astronomy
Remote Sensing Image Acquisition Analysis	UNSW Sydney	Advanced	17.9	4.6	Welcome to Rem	Conventional Ne	Non Specializati	Non Specializati	Non Specializati	(6.4, 25.3)	None	English	physical-science	electrical-engineering
Chemical Biology	University of Ge	Advanced	27.5	4.6	Chemical-biolog	Chemistry; Chem	Non Specializati	Non Specializati	Non Specializati	(17.5, 31.3)	French; Portugu	English	physical-science	chemistry
Ferrous Technology I	Pohang Universi	Beginner	2.8	4.7	Steel, ever-evolv	Iron; Process; Ma	Non Specializati	Non Specializati	Non Specializati	(0.5, 4.3)	French; Portugu	English	physical-science	electrical-engineering
Astronomy: Exploring Time and Space	University of Ariz	Beginner	41.6	4.8	This course is de	Astronomy; Astr	Non Specializati	Non Specializati	Non Specializati	(22.6, 53.2)	Arabic; French; F	English	physical-science	physics-and-astronomy
Wasser in der Schweiz	University of Zur	Beginner	24.2	4.6	Wasser in der Sc	Energy; Sustaina	Non Specializati	Non Specializati	Non Specializati	(14.9, 29.9)	None	German	physical-science	environmental-science-and-sustainability
Being a researcher (in Information Science)	Politecnico di Mi	Beginner	6.1	4.9	The course prov	Research Ethics	Non Specializati	Non Specializati	Non Specializati	(1.8, 9.1)	French; Portugu	English	physical-science	research-methods
Protecting the World: Introducing Corrosion	University of Mal	Intermediate	14.6	4.4	If you have ever	Corrosion Control	Non Specializati	Non Specializati	Non Specializati	(5.8, 20.5)	Spanish; Russia	English	physical-science	mechanical-engineering
Introduction to Particle Accelerators (NPAP)	Lund University	Intermediate	6.4	4.7	Welcome to the	Physics; Astron	Non Specializati	Non Specializati	Non Specializati	(2.9, 8.6)	French; Portugu	English	physical-science	research-methods
MOS Transistors	Columbia Univer	Advanced	29.8	4.6	PLEASE NOTE:	Circuit Design A	Non Specializati	Non Specializati	Non Specializati	(14.8, 41.6)	Spanish; Russia	English	physical-science	electrical-engineering
Песочные процессы в аэродинамике	Moscow Institute	Not Calibrated	38.5	5	В курсе рассма	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(16.7, 45.2)	None	Russian	physical-science	physics-and-astronomy
Introduzione alla fisica sperimentale: meccan	Politecnico di Mi	Beginner	13.8	4.8	Il corso affronta l	Critical Thinking	Non Specializati	Non Specializati	Non Specializati	(3.2, 19.5)	None	Italian	physical-science	physics-and-astronomy
From the Big Bang to Dark Energy	The University of	Advanced	12.6	4.8	We have learned	Astronomy; Phys	Non Specializati	Non Specializati	Non Specializati	(8.5, 15.5)	Arabic; French; F	English	physical-science	physics-and-astronomy
Control automático: La tecnología invisible	Universidad Nat	Beginner	6.2	4.6	A lo largo de la h	Electrical Engin	Non Specializati	Non Specializati	Non Specializati	(4.3, 7.6)	None	Spanish	physical-science	electrical-engineering
Modelando attitudes humanas com NetLogo	Coursara Project	Intermediate	2	Not Calibrated	Você já se perg	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(0.9, 2.7)	None	Portuguese (Bra	physical-science	research-methods
Промышленность, изменение обстановки	Moscow Institute	Intermediate	13	4.9	Курс рассма тр	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(8.4, 16.0)	None	Russian	physical-science	research-methods
Introduction to Satellite Communications	Institut Mines-T	Advanced	13.9	4.5	How is a satellit	Communication	Non Specializati	Non Specializati	Non Specializati	(1.8, 21.1)	French; Portugu	English	physical-science	electrical-engineering
Density Functional Theory	Ecole Polytechni	Advanced	12.6	4.9	The aim of this	Chemistry; Tailor	Non Specializati	Non Specializati	Non Specializati	(9.2, 16.4)	None	English	physical-science	physics-and-astronomy
傅里叶变换与傅里叶级数	Peking Universi	Not Calibrated	15.4	5	傅里叶下集(傅	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(6.2, 23.2)	English	Chinese (China)	physical-science	physics-and-astronomy
傅里叶变换与傅里叶级数	Moscow Institute	Beginner	9.1	3.4	Развитие систем	Systems Engin	Non Specializati	Non Specializati	Non Specializati	(4.0, 10.9)	None	Russian	physical-science	research-methods
Mastering Statics	The Hong Kong	Intermediate	8.6	4.8	Course Overview	Beam Robotics	Non Specializati	Non Specializati	Non Specializati	(0.9, 10.2)	French; Portugu	English	physical-science	mechanical-engineering
Conceptos base para el estudio del medio a	Universidad Aust	Advanced	11.5	4.5	La progresiva fo	Chemistry; Biolo	Non Specializati	Non Specializati	Non Specializati	(5.2, 16.3)	None	Spanish	physical-science	environmental-science-and-sustainability
Física: Dimensión y Movimiento	Tecnológico de N	Advanced	20.7	4.6	Este curso forma	Integral; Cal-Cul	Non Specializati	Non Specializati	Non Specializati	(13.7, 25.4)	None	Spanish	physical-science	physics-and-astronomy
Intro to Acoustics (Part 1)	Korea Advanced	Intermediate	10.4	4.3	This course intro	Acoustics; Soun	Non Specializati	Non Specializati	Non Specializati	(2.4, 16.8)	French; Portugu	English	physical-science	mechanical-engineering
Optique non-linéaire	Ecole Polytechni	Not Calibrated	35.9	4.5	Introduction à l	Simulation; Jole	Non Specializati	Non Specializati	Non Specializati	(24.4, 47.2)	None	French	physical-science	mechanical-engineering
Введение в механику деформируемого тел	Saint Petersburg	Advanced	7.1	4.9	Этот краткий курс	Fluid Mechanics	Non Specializati	Non Specializati	Non Specializati	(1.6, 10.0)	None	Russian	physical-science	mechanical-engineering
Астрофизика с нуля до планки Экстремит	Peter the Great's	Beginner	15.9	4.8	Этот курс пока	Astronomy; After	Non Specializati	Non Specializati	Non Specializati	(7.0, 20.6)	None	Russian	physical-science	physics-and-astronomy
Astrophysics and the Search for Extraterrest	The University of	Intermediate	14.2	4.7	Learn about the	Astrophysics; Ast	Non Specializati	Non Specializati	Non Specializati	(9.4, 16.8)	Arabic; French; F	English	physical-science	physics-and-astronomy
Renewable Energy: Fundamentals and Job	University of Bul	Beginner	8.9	4.8	This course prep	Energy; Nanotec	Non Specializati	Non Specializati	Non Specializati	(2.5, 12.1)	None	English	physical-science	environmental-science-and-sustainability
Conceptos y Herramientas para la Física Un	Tecnológico de N	Advanced	31.7	4.6	Este curso prep	Physics; Lambda	Non Specializati	Non Specializati	Non Specializati	(20.7, 39.8)	None	Spanish	physical-science	physics-and-astronomy
Control de Sistemas no Plano	Instituto Tecnolò	Intermediate	17.2	4.7	Após esse curso	Math; Simulink	Non Specializati	Non Specializati	Non Specializati	(10.8, 21.8)	None	Portuguese (Bra	physical-science	electrical-engineering
L'Art des Structures 2 : treillis, poutres, dalles	Ecole Polytechni	Intermediate	43.7	4.6	Les structures e	Mechanical Engi	Non Specializati	Non Specializati	Non Specializati	(26.6, 53.6)	English	French	physical-science	mechanical-engineering
Wind resources for renewable energies	Ecole Polytechni	Advanced	26.8	3.5	The main goal of	Energy; Renewa	Non Specializati	Non Specializati	Non Specializati	(18.5, 33.1)	Russian; Spanis	English	physical-science	environmental-science-and-sustainability
3D CAD Application	National Taiwan	Advanced	14.2	4.9	Do you want to	3d Modeling; Bes	Non Specializati	Non Specializati	Non Specializati	(6.2, 19.4)	Arabic; French; F	English	physical-science	mechanical-engineering
Comprendre les Microcontrôleurs	Ecole Polytechni	Intermediate	40.7	4.7	Ce cours donne	Electrical Engin	Non Specializati	Non Specializati	Non Specializati	(18.8, 56.5)	None	French	physical-science	electrical-engineering
Climate Change and Water in Mountains: A	University of Ge	Advanced	12	4.6	What is climate	Climate Change	Non Specializati	Non Specializati	Non Specializati	(3.5, 17.7)	French; Portugu	English	physical-science	environmental-science-and-sustainability
Introduction to Chemistry: Structures and Sk	University of Su	Advanced	20.7	4.6	This is an introd	Chemistry; Emer	Non Specializati	Non Specializati	Non Specializati	(11.0, 27.4)	Arabic; French; F	English	physical-science	chemistry
Изобретения, изменившие мир	National Resear	Not Calibrated	12.1	4.9	Курс рассма тр	Not Calibrated	Non Specializati	Non Specializati	Non Specializati	(4.6, 16.8)	None	Russian	physical-science	physics-and-astronomy
IG & Gas Industry Operations and Markets	Duke University	Advanced	9.4	4.8	The oil and gas	Oil; Market (Eco	Non Specializati	Non Specializati	Non Specializati	(5.5, 12.0)	Arabic; French; F	English	physical-science	environmental-science-and-sustainability
Internet of Things Capstone: Build a Model	University of Cal	Not Calibrated	7.2	3.5	In the Capstone	Internet Of Thing	Non Specializati	Non Specializati	Non Specializati	(4.2, 9.4)	Russian; Spanis	English	physical-science	electrical-engineering
The Effect of Fires on People, Property and	University of Mal	Beginner	8.5	4.7	Fires impact pe	Safety; Fire Safe	Non Specializati	Non Specializati	Non Specializati	(2.9, 12.1)	French; Portugu	English	physical-science	environmental-science-and-sustainability
Introdução ao Control Moderno	Instituto Tecnolò	Beginner	17.8	4.9	Este curso in	Ruby (Program	Non Specializati	Non Specializati	Non Specializati	(9.3, 24.1)	None	Portuguese (Bra	physical-science	electrical-engineering
Particle Dynamics	Korea Advanced	Intermediate	3.4	4.7	This course tea	Fluid Mechanics	Non Specializati	Non Specializati	Non Specializati	(0.9, 3.2)	None	English	physical-science	mechanical-engineering
Comprendre l'économie pour une économie	ESCP Business	Business	12.4	4.6	Conçu conjoint	Economics; Eco	Non Specializati	Non Specializati	Non Specializati	(7.8, 15.0)	None	French	physical-science	environmental-science-and-sustainability
Strategies for winning: Meteorology in a rou	Universitat de B	Beginner	16.1	4.5	In this course yo	Planning; Strate	Non Specializati	Non Specializati	Non Specializati	(11.0, 19.5)	English	Spanish	physical-science	physics-and-astronomy
Planet Earth - and You!														

Fundamentals of Digital Image and Video Processing	Northwestern University	Beginner	16.4	4.5	In this class you	Image Processing	Non Specialization	Non Specialization	Non Specialization	(1.3, 30.3)	Arabic; French; English	physical-science	electrical-engineering	
Introduction to Petroleum Engineering	E-Learning Development	Beginner	10.9	4.6	In this course, you	Geology; Chemistry	Non Specialization	Non Specialization	Non Specialization	(2.7, 16.3)	None	English	physical-science	mechanical-engineering
Rigid Body Dynamics	Korea Advanced Institute	Intermediate	3.2	4.6	This course teaches	Mechanical Engineering	Non Specialization	Non Specialization	Non Specialization	(0.9, 3.5)	French; Portuguese	English	physical-science	mechanical-engineering
Global Warming I: The Science and Modeling	The University of California	Advanced	48.4	4.5	This class describes	Modeling; Climate	Non Specialization	Non Specialization	Non Specialization	(33.2, 56.2)	Arabic; French; English	English	physical-science	environmental-science-and-sustainability
Tesoros de la Física y sus Descubridores I	Universidad de Sevilla	Beginner	18.5	4.8	¿Sabes que viajamos?	History; Physics	Non Specialization	Non Specialization	Non Specialization	(8.5, 25.1)	None	Spanish	physical-science	physics-and-astronomy
Storyboarding with Kumu	Coursera Project Network	Intermediate	0.4	4.6	In this project-based	Map; Externality	Non Specialization	Non Specialization	Non Specialization	(0.1, 0.5)	None	English	physical-science	research-methods
Introduction to Electronics	Georgia Institute of Technology	Intermediate	13.4	4.6	This course introduces	Electronics; Electrical Engineering	Non Specialization	Non Specialization	Non Specialization	(1.8, 20.2)	Arabic; French; English	English	physical-science	electrical-engineering
First Order Optical System Design	University of Colorado	Advanced	35.6	3.5	This course can	Optics Algorithm; Optical Engineering	1	The courses in this specialization	(22.5, 43.0)	Arabic; French; English	English	physical-science	electrical-engineering	
Optical Efficiency and Resolution	University of Colorado	Advanced	49	3.8	This course can	Beam Robotics; Optical Engineering	2	The courses in this specialization	(28.1, 56.8)	French; Portuguese; English	English	physical-science	electrical-engineering	
Design of High-Performance Optical Systems	University of Colorado	Advanced	37.8	4.5	This course can	Optics Algorithm; Optical Engineering	3	The courses in this specialization	(22.1, 46.1)	French; Portuguese; English	English	physical-science	electrical-engineering	
Plant Bioinformatics Capstone	University of Toronto	Advanced	3.9	4.8	The past 15 years	Analysis; Bioinformatics; Plant Bioinformatics	4	The past 15 years	(1.0, 5.6)	None	English	physical-science	research-methods	
Introduction to Power Electronics	University of Colorado	Advanced	13.9	4.7	This course can	Power Electronic; Power Electronic	1	Design modern systems	(6.9, 17.9)	Arabic; French; English	English	physical-science	electrical-engineering	
Converter Circuits	University of Colorado	Advanced	22	4.8	This course can	Power Electronic; Power Electronic	2	Design modern systems	(14.1, 27.8)	Arabic; French; English	English	physical-science	electrical-engineering	
Converter Control	University of Colorado	Beginner	28.2	4.8	This course can	Power Electronic; Power Electronic	3	Design modern systems	(18.8, 33.7)	Arabic; French; English	English	physical-science	electrical-engineering	
Magnetics for Power Electronic Converters	University of Colorado	Intermediate	27.5	4.9	This course can	Power Electronic; Power Electronic	4	Design modern systems	(17.0, 34.8)	Arabic; French; English	English	physical-science	electrical-engineering	
Real-Time Embedded Systems Concepts and Design	University of Colorado	Advanced	36.4	3.7	This course can	Microprocessor; Real-Time Embedded	1	The Real-Time Embedded	(26.6, 42.5)	Arabic; French; English	English	physical-science	electrical-engineering	
Real-Time Embedded Systems Theory and Design	University of Colorado	Advanced	27.6	4.5	This course can	Real-Time Embedded; Real-Time Embedded	2	The Real-Time Embedded	(20.8, 32.8)	French; Portuguese; English	English	physical-science	electrical-engineering	
Real-Time Mission-Critical Systems Design	University of Colorado	Advanced	15.3	5	This course can	Systems Design; Real-Time Embedded	3	The Real-Time Embedded	(5.5, 22.3)	None	English	physical-science	electrical-engineering	
Real-Time Project for Embedded Systems	University of Colorado	Advanced	14.8	Not Calibrated	This course can	Project; Embedded	4	The Real-Time Embedded	(8.9, 18.6)	None	English	physical-science	electrical-engineering	
Robotics: Aerial Robotics	University of Pennsylvania	Advanced	23	4.4	How can we create	Matlab; Robotics; Robotics	1	The Introduction	(15.2, 28.5)	Arabic; French; English	English	physical-science	mechanical-engineering	
Robotics: Computational Motion Planning	University of Pennsylvania	Beginner	14	4.1	Robotic systems	Motion Planning; Robotics	2	The Introduction	(8.9, 16.8)	Spanish	English	physical-science	mechanical-engineering	
Robotics: Mobility	University of Pennsylvania	Intermediate	19.5	3.6	How can robots	Robotics; Matlab; Robotics	3	The Introduction	(12.8, 24.8)	French; Portuguese; English	English	physical-science	mechanical-engineering	
Robotics: Perception	University of Pennsylvania	Advanced	26.8	4.1	How can robots	Computer Vision; Robotics	4	The Introduction	(17.0, 33.4)	French; Portuguese; English	English	physical-science	mechanical-engineering	
Robotics: Estimation and Learning	University of Pennsylvania	Advanced	10	4.2	How can robots	Kalman Filter; Robotics	5	The Introduction	(5.0, 13.7)	Spanish; Chinese; English	English	physical-science	mechanical-engineering	
Robotics: Capstone	University of Pennsylvania	Beginner	20	4.6	In our 6 week Robotics	Robotics; Dynamical	6	The Introduction	(6.9, 28.9)	None	English	physical-science	mechanical-engineering	
Semiconductor Physics	University of Colorado	Advanced	24	4.4	This course can	Electronics; Physics; Semiconductor Electronics	1	The courses in this specialization	(8.6, 33.1)	Arabic; French; English	English	physical-science	electrical-engineering	
Diode - pn Junction and Metal Semiconductor Junction	University of Colorado	Advanced	8.4	4.3	This course can	Electronics; Energy; Semiconductor Electronics	2	The courses in this specialization	(2.3, 8.1)	French; Portuguese; English	English	physical-science	electrical-engineering	
Transistor - Field Effect Transistor and Bipolar Junction Transistor	University of Colorado	Advanced	9	3.8	This course can	Electronics; Solid State	3	The courses in this specialization	(2.2, 9.2)	French; Portuguese; English	English	physical-science	electrical-engineering	
Solar Energy Systems Overview	University at Buffalo	Beginner	3.9	4.7	By the end of this	Energy; Solar Energy; Solar Energy for	1	This specialization	(1.8, 5.3)	Arabic; French; English	English	physical-science	environmental-science-and-sustainability	
Solar Energy and Electrical System Design	University at Buffalo	Intermediate	7.3	4.7	This course supports	Solar Energy; Electrical Engineering; Solar Energy for	2	This specialization	(3.2, 10.1)	Arabic; French; English	English	physical-science	environmental-science-and-sustainability	
Solar Energy Codes, Permitting and Zoning	University at Buffalo	Beginner	4.4	4.8	This course equips	Solar Energy; Electrical Engineering; Solar Energy for	3	This specialization	(1.8, 6.0)	French; Portuguese; English	English	physical-science	environmental-science-and-sustainability	
Kinematics: Describing the Motions of Spacecraft	University of Colorado	Advanced	37.9	4.9	The movement of	Satellite; Dynamics; Spacecraft Dynamics	1	Spacecraft Dynamics	(27.2, 45.9)	Arabic; French; English	English	physical-science	physics-and-astronomy	
Kinetics: Studying Spacecraft Motion	University of Colorado	Advanced	22	4.8	As they tumble in	Dynamical Systems; Spacecraft Dynamics	2	Spacecraft Dynamics	(14.9, 28.8)	French; Portuguese; English	English	physical-science	physics-and-astronomy	
Control of Nonlinear Spacecraft Attitude Motion	University of Colorado	Advanced	26.3	4.5	This course trains	Torque; Dynamics; Spacecraft Dynamics	3	Spacecraft Dynamics	(16.1, 32.7)	Spanish; French; English	English	physical-science	physics-and-astronomy	
Spacecraft Dynamics Capstone: Mars Mission	University of Colorado	Advanced	10.9	4.6	The goal of this	Physics; Simulation; Spacecraft Dynamics	4	Spacecraft Dynamics	(6.3, 13.4)	None	English	physical-science	physics-and-astronomy	
Fundamentals of Macroscopic and Microscopic Thermodynamics	University of Colorado	Intermediate	4.6	4.1	Course 1 first covers	General Statistics; Statistical Thermodynamics	1	This specialization	(1.2, 6.7)	Arabic; French; English	English	physical-science	mechanical-engineering	
Quantum Mechanics	University of Colorado	Advanced	0.6	4.5	Course 2 of Stat	Tailored Access; Statistical Thermodynamics	2	This specialization	(0.0, 0.6)	Arabic; French; English	English	physical-science	mechanical-engineering	
Ideal Gases	University of Colorado	Advanced	2	4.4	Course 3 of Stat	Physics; Energy; Statistical Thermodynamics	3	This specialization	(0.2, 2.6)	French; Portuguese; English	English	physical-science	mechanical-engineering	
Dense Gases, Liquids and Solids	University of Colorado	Advanced	1.9	4.4	Course 4 of Stat	Molecular Dynamics; Statistical Thermodynamics	4	This specialization	(0.1, 2.1)	French; Portuguese; English	English	physical-science	mechanical-engineering	
Non-Equilibrium Applications of Statistical Thermodynamics	University of Colorado	Advanced	1.6	4.4	Course 5 of Stat	Quantum Mechanics; Statistical Thermodynamics	5	This specialization	(0.1, 1.5)	French; Portuguese; English	English	physical-science	mechanical-engineering	
Systems Biology and Biotechnology Capstone	Johns Hopkins University	Intermediate	4.8	3.1	NOTE: In order to	Systems Biology	6	Design systems	(2.0, 5.8)	None	English	physical-science	research-methods	
Vers l'infiniment grand	École Polytechnique	Intermediate	7.4	Not Calibrated	Partez à la découverte	Not Calibrated	1	Partez à la découverte	(3.3, 10.0)	None	French	physical-science	physics-and-astronomy	
Vers l'infiniment petit	École Polytechnique	Beginner	7.4	Not Calibrated	Partez à la découverte	Not Calibrated	2	Partez à la découverte	(3.2, 10.0)	None	French	physical-science	physics-and-astronomy	
D'un infini à l'autre	École Polytechnique	Beginner	7.4	Not Calibrated	Partez à la découverte	Not Calibrated	3	Partez à la découverte	(3.2, 10.0)	None	French	physical-science	physics-and-astronomy	
Les deux infinis et nous	École Polytechnique	Beginner	7.4	Not Calibrated	Partez à la découverte	Not Calibrated	4	Partez à la découverte	(3.2, 10.0)	None	French	physical-science	physics-and-astronomy	
Ядерное неравновесное состояние: правые основания	National Research University	Beginner	12.5	4.4	Курс знакомит с	Not Calibrated	4	Эта специальность	(5.1, 17.0)	None	Russian	physical-science	physics-and-astronomy	
Ведущие данные. Система иллюстраций	National Research University	Beginner	8	Not Calibrated	Занимаясь разл	Not Calibrated	5	Эта специальность	(3.9, 10.6)	None	Russian	physical-science	research-methods	