



2025-2026 Academic Year
List of Courses Offered in Foreign Language

2025-2026 Akademik Yılı
Yabancı Dilde Açılacak Dersler Listesi

Vocational School of Elmalı
Elmalı MYO

	Department <i>Bölüm</i>	Course Code <i>Ders Kodu</i>	ECTS <i>AKTS</i>	Course Title <i>Dersin Adı</i>	Semester <i>Dönem</i>	Course Content <i>Dersin İçeriği</i>	Academic Staff <i>Dersi Veren Öğretim Elemanı</i>	Online Available <i>Çevrimiçi</i>
1	Electronic Technology	MEHT 103	5	Digital Electronic	Fall	Number Systems(Binary, Octal, Decimal, Hexadecimal), Conversion between number systems(Binary to Octal etc.), Arithmetic operations in number systems(Summation, subtraction, multiplication, division in binary numbers etc.), Logic Gates(And, or, nand, nor, xor, xnor), Logic Gates in Proteus, C#, Basic, Arduino, Matlab and Mathcad.	Lect. Dr. Erdem Yıldız	No
2	Electronic Technology	MKOT 110	3	Basic Programming	Fall	Introduction to programming, variables and data types(integer, double, float, string, bool, char), operators and expressions(arithmetic, comparison, logical, assignment operators), conditional statements(if, else, else if), loops (while, for, do-while), arrays. Examples in Python, C#, Visual Basic, Java, Go, Kotlin, C++, Matlab.	Lect. Dr. Erdem Yıldız	No
3	Electronic Technology	MEHT 104	5	Digital Design	Spring	Karnaugh Map, Karnaugh Map Sum of Products, Karnaugh Map Product of Sums, Karnaugh Map Minimizer, Half Adder, Full Adder, Half Subtractor, Full Subtractor, Encoder, Decoder, Multiplexer, Demultiplexer, Comparator, S-R Latch, D Latch, BCD-7Segment, 8x8 Dot Matrix Board with Arduino, 4511(BCD-to-7-Segment LED Latch Decoder Driver), 4518(Dual BCD Up-Counter)	Lect. Dr. Erdem Yıldız	No
4	Electronic Technology	MBIL 201	2	Visual Programming	Spring	Introduction to Visual Programming, Visual Development Environments(IDEs), Basic Components(Label, button, textbox, checkbox, combobox, radiobutton etc.), Component Properties(BackColor, text, width, height etc.), Events (Button_Click, Form_Load etc.), Examples in Python, C#, Visual Basic, Java, JavaScript, Matlab.	Lect. Dr. Erdem Yıldız	No