econry

.NET MAUI Developer

FULL-TIME COURSE

Learn to design and develop multi-platform applications. Thereby, you build a skill set to build the future.

SPONSORED EDUCATION

You can attend these AZAV certified courses for free, when the German unemployment office provides you with a training voucher.

FIELD THAT IS DRIVING INNOVATION TO AN EXCITING LEVEL

Become one of those few experts, who know how to design the advanced technology behind self-driving cars and walking robots.

Neural networks utilize hybrid designs of software and hardware.

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COURSE SECTIONS

This 6 month full-time course has following 6 core areas:

- Introduction & Fundamentals
- Performance Applications
- Handling different data types
- Development of secure Apps
- Server API development
- Multi platform Development

TECHNICAL REQUIREMENTS

Minimum equipment needed in training:

- Core i3, 8 GB RAM, 50 GB Disk space
- Win 10+ / MacOS 10.15+
- Internet: 25 MBit/s & Chrome Browser
- Audio: Headset (Webcam is optional)

WHO SHOULD ATTEND?

It is an intensive but fast approach to designing, developing and operating a multi platform application ecosystem. Thereby, the development staff are well equipped to solve complex problems with their .Net 7 expertise.

The training was specifically designed for people wanting to work in manufacturing industries that seek innovative solutions.

This is a steady path to master this complex area that is now one of the top reasons for employers to hire new staff.

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LEARNING ENVIRONMENT

This course is conducted in a **virtual classroom**. The tutors **teach live** via video streaming.

You only need a computer and internet connection to participate in the class.

Breakout groups help **strengthen your skill set** as complex multi platform projects often need a team who share the challenge of solving the apparently unsolvable.

Having fun while learning an exiting new array of skills, creates a thirst to gain more knowledge in an area of personal interest.

That is where the platform provides a library with interactive and current information material that expands your scope of knowledge.

WHO WILL TEACH ME?

ACATO is a IT solutions company that develops its own technology.

Its global clients (corporations and security services) have been using to re-skill their existing staff.

Therefore, trainers are first selected based on their niche expertise and talent. Only then trainers are rated based on their ability to up-skill those who are new to this exclusive area of technology.

Multi-Platform Apps are mission critical to product connectivity.

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FREE CONSULTATION

As this kind of course subject is very complex, it is advisable that you get in contact with the **training advisors** of econry.

Being an **international training academy**, our team and participants speak multiple languages.

We are happy to **explain this training opportunity** in multiple languages (English, German, Spanish, Turkish, Polish, Ukrainian and Russian).

We will also help you understand the process you need to follow to gain a training voucher for these government sponsored training.

HIRING CS ENGINEERS?

The private sector, charities, NGO's and government facilities are desperate to hire well trained .Net MAUI Developers (NMD).

Following organizations are hiring:

- Aerospace Industry
- Car Manufacturers
- Police & Armed Forces
- Software companies
- Innovative Startups
- Chemical and Pharmaceuticals
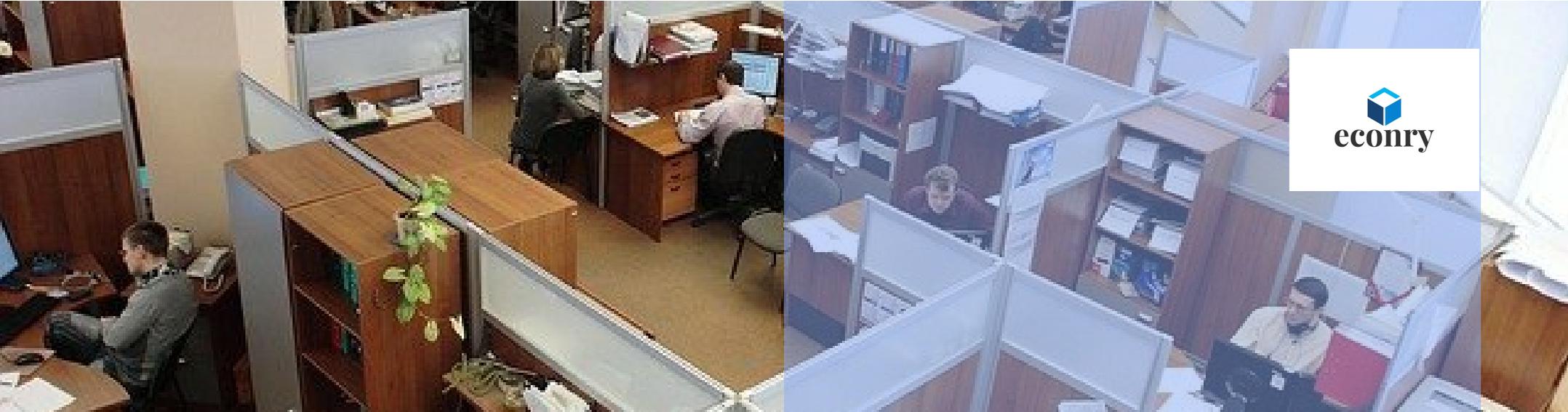- Hospitals and Schools
- Retail, Hospitality & Travel

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COURSE STRUCTURE

DURATION	MODULE	MODULE DESCRIPTION	UNITS/LESSONS		
Week 1-4 (180 UE)	Basics	Introducing .NET and its different areas of usage	• Introducing .NET	• Introducing Apps with .NET	• Introducing Services with .NET
Week 5-6 (90 UE)	Basics	Learn how to work with databases	• Working with Data Using SQL Server	• Working with Data	• Using Alternative Databases
Week 7-8 (90 UE)	Performance	Learn how to improve performance and scalability	• Improving Performance	• Scalability Using Multitasking	• Implementing Popular Third-Party Libraries
Week 9-10 (90 UE)	Handling Data	Learn how to work with a variety of data handlers	• Working with Roslyn, Reflection and Expression Trees	• Handling Dates and Times	• Internationalization
Week 11-13 (135 UE)	Security	Learn how to protect your data and applications	• Protecting Your Data and Applications	• Building and Securing Web Services with Minimal APIs	• Exposing Data via the Web Using OData
Week 14-16 (135 UE)	Communication	Learn how to develop a capability for communication	• Combining Data Sources Using GraphQL	• Building Efficient Services Using gRPC	• Broadcasting Realtime Communication Using SignalR
Week 17-19 (135 UE)	Server	Learn how to develop a server-based system	• Building Serverless Services Using Azure Functions	• Building Web User Interfaces Using ASP.NET Core	• Building Web Components Using Blazor WebAssembly
Week 20-25 (270 UE)	multiplatform	Learn how to develop a mobile & desktop app	• Leveraging Open Source Blazor Component Libraries	• Building Mobile and Desktop Apps Using .NET MAUI	• Implementing .NET MAUI Mobile Features
Week 26 (45 UE)	Ready for a new career	Project Exercise, Knowledge Revision, Final Exam, Job Search Help	• Revision of learned content	• FAQs	• Preparation for final exam

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Virtual Academy

LET US HELP YOU NOW

We would like to get in touch with you. Should you have any questions outside of office hours please feel free to send us an email. We will respond timely.

Remember to include a phone number so we can reach you also by phone for a **free consultation call**.