



Build collaborative apps for Microsoft Teams (MS-4001)

ID MS-4001 **Price** 690.— €(excl. tax) **Duration** 1 day

Including Microsoft Applied Skills Credential

Microsoft Applied Skills are scenario-based credentials that provide learners with validation of targeted skills. These credentials are an efficient and trusted way to identify and deepen proficiency in scenario-based skillsets. Applied Skills Credentials are assessed via an interactive lab environment at the end of the course.

[Learn more about Microsoft Applied Skills](#)

Course Overview

Learn how to build and distribute Microsoft Teams apps that retrieve user information using the Microsoft Graph API. Practice building and deploying apps in the guided project at the end of the learning path.

Prerequisites

- Basic understanding of Microsoft Teams apps and their components, including adaptive cards and task modules
- Ability to program with JavaScript, TypeScript, and Node.js
- Experience using Visual Studio Code at the intermediate level
- Global administrator access to a Microsoft 365 tenant
- Access to a Microsoft Azure subscription

Course Content

- Get started building apps for Microsoft Teams by using Teams Toolkit for Visual Studio Code
- Build conversational bots for Microsoft Teams
- Build message extensions for Microsoft Teams and Microsoft Copilot for Microsoft 365
- Build tabs for Microsoft Teams
- Connect web services to Microsoft Teams using webhooks
- Retrieve Microsoft 365 data for Microsoft Teams apps using Microsoft Graph
- Deploy a Microsoft Teams app to Azure by using Teams Toolkit for Visual Studio Code
- Guided Project: Build and deploy a Microsoft Teams app using Teams Toolkit for Visual Studio Code

About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

Fast Lane Services

- ✓ High End Technology Training
- ✓ Business & Soft Skill Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digital Learning Solutions
- ✓ Content Development
- ✓ Remote Labs
- ✓ Talent Programs
- ✓ Event Management Services

Training Methods

- ✓ Classroom Training
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Classroom & Online Hybrid
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobile Learning

Technologies & Solutions

- ✓ Digital Transformation
- ✓ Artificial Intelligence
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



Worldwide Presence
with high-end training centers
around the globe



Multiple Awards
from vendors such as AWS,
Microsoft, Cisco, Google, NetApp,
VMware



Experienced SMEs
with over 19.000 combined
certifications

Germany

Fast Lane Institute for Knowledge
Transfer GmbH

Tel. +49 40 25334610

info@flane.de / www.flane.de

Austria

ITLS GmbH

(Partner of Fast Lane)

Tel. +43 1 6000 8800

info@itls.at / www.itls.at

Switzerland

Fast Lane Institute for Knowledge
Transfer (Switzerland) AG

Tel. +41 44 8325080

info@flane.ch / www.flane.ch