



In Alliance with



MAT ABACUS
Business School

About ACE

The Aptech Computer Education program offers an Advanced Diploma in Software Engineering. The Program is a 2-year, cutting-edge program that is designed to help you upgrade your skills to meet industry demands. The program is meant to equip you with the latest industry tools & technologies - React, MongoDB, Java Development, Jakarta EE, MS SQL Server, Microsoft Visual Studio, Python, Node.js, .NET, etc. Our comprehensive curriculum & hands-on training enable you to emerge as a confident, industry-ready I.T. professional, all set to enter the competitive industry.

TERM 1

Duration: 162 Hours



Job Opportunities: Responsive Website Developer, C Programmer

- Programming Principles and Techniques
- Logic Building and Elementary Programming
- Building Modern Websites
- UI/UX for Responsive Web Design
- Frontend Web Development with React
- eProject - Responsive Website Development
- Data Management with SQL Server

TERM 2

Duration: 154 Hours



Job Opportunities: NET & Java Application Programmer

- Data Processing with XML and JSON
- Object-oriented Programming Concepts
- Java Programming - I
- Java Programming - II
- Project - Java Application Development
- Programming in C#
- Emerging Job Areas (SMAC)

TERM 3A (JAVA)

Duration: 146 Hours



Job Opportunities: Exit Not Applicable

- Web Component Development using Jakarta EE
- Building Java Web Applications with Spring Framework
- Introduction to Dart Programming
- Application Development using Flutter and Dart
- Agile and DevOps
- eProject - Cross Platform App Development

TERM 3B (.NET)

Duration: 122 Hours



Job Opportunities: Exit Not Applicable

- Developing ASP.NET Core MVC Applications
- Introduction to Dart Programming
- Application Development using Flutter and Dart
- Agile and DevOps
- eProject - Cross Platform App Development

TERM 4A (OST & JAVA)

Duration: 246 Hours



Job Opportunities: Python Web Application Developer, Java Enterprise Application Developer

- Working with MySQL
- Developing Applications with Python
- Web Application Development using Python
- Web Framework for Python (Django)
- eProject (Python - Web Application Development)
- Enterprise Application Development in Jakarta EE
- Creating Services for the Web
- Software Engineering Principles
- Software Project Management

TERM 4C (AIML)

Duration: 320 Hours



Job Opportunities: AI Developer

- Application-based Programming in Python
- Managing Large DataSets with MongoDB
- Inferential Statistical Analysis
- AI Primer
- AI Applications of NLP
- AI and ML with Python
- Applied Machine Learning using Python
- Deep Learning using Neural Networks
- Capstone Project - Recommendation Engine and Customer Churn Prediction

TERM 4B (OST & .NET)

Duration: 230 Hours



Job Opportunities: Python Web Application Developer, .NET Enterprise Application Developer

- Working with MySQL
- Developing Applications with Python
- Web Application Development using Python
- Web Framework for Python (Django)
- eProject (Python - Web Application Development)
- Developing Microsoft Azure Solutions
- Software Engineering Principles
- Software Project Management

TERM 4D (DATA SCIENCE)

Duration: 316 Hours



Job Opportunities: Data Analytics Professional, Hadoop Programmer

- Application Based Programming in Python
- Managing Large DataSets with MongoDB
- Data Mining with WEKA
- Data Science using R Programming
- Data Science with Python
- Foundation of Big Data Systems with Hadoop
- Advanced Data Science with Python
- Visual Analytics with Tableau
- Capstone Project for Data Science

Term 1

Certificate of Proficiency in Information Systems Management (CPISM)

Term 1 – 2

Diploma in Information Systems Management (DISM)

Term 1 – 4

Advanced Diploma in Software Engineering (ADSE)

Our International Education Alliances

