Aptech COMPUTER EDUCATION
Unleash your potential

In Alliance with

SCIENTIA 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.

Tuition Fee – $730
P E R   T E R M

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