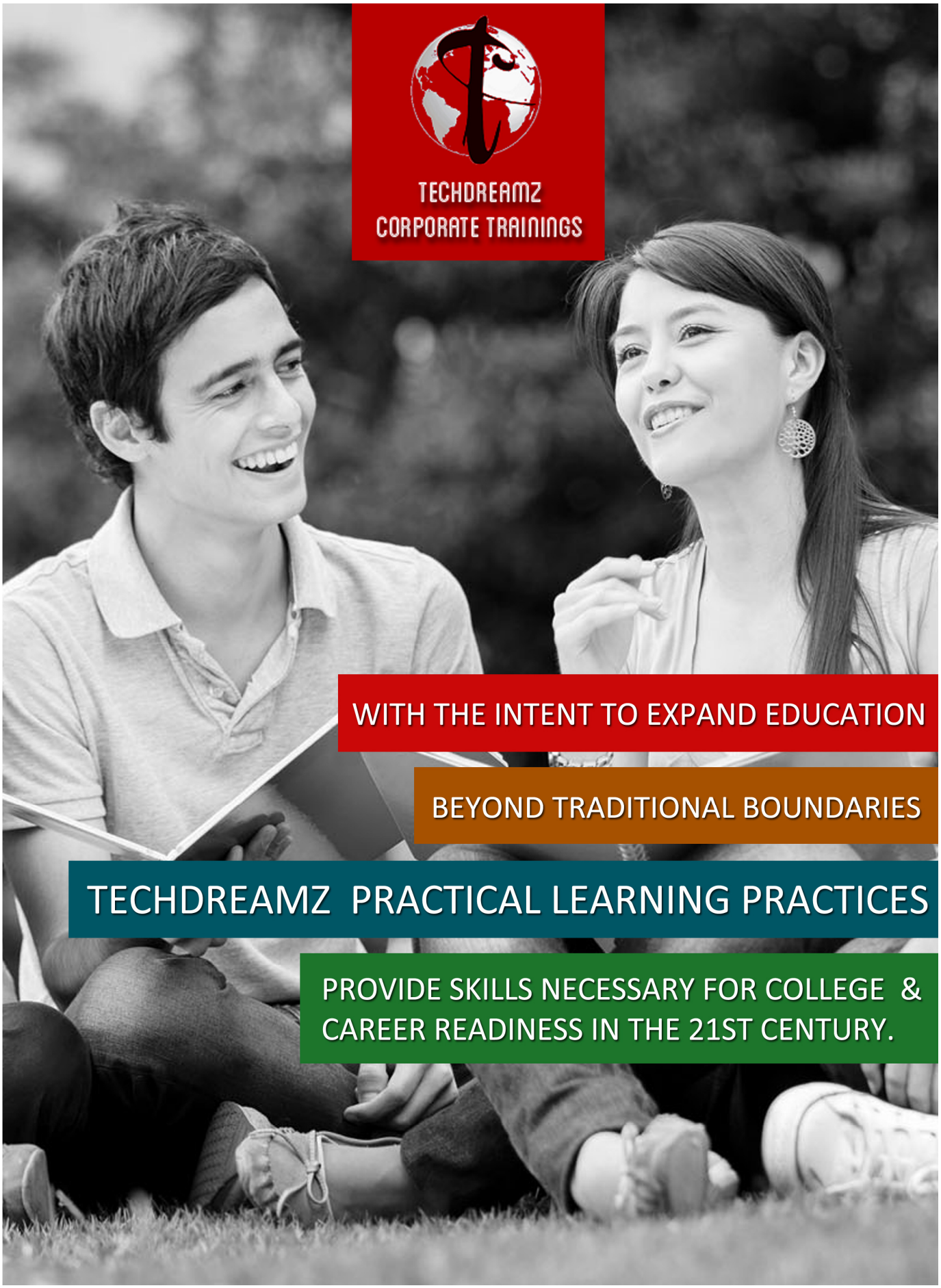
TECHDREAMZ
CORPORATE TRAININGS
WITH THE INTENT TO EXPAND EDUCATION
BEYOND TRADITIONAL BOUNDARIES
TECHDREAMZ PRACTICAL LEARNING PRACTICES
PROVIDE SKILLS NECESSARY FOR COLLEGE &
CAREER READINESS IN THE 21ST CENTURY.

WEB DEVELOPMENT USING ASP.NET MVC INDUSTRIAL TRAINING

(3 months)

Introduction to ASP.NET MVC 4

- Introduction
- Web Platform Installer
- The Tools
- New Project
- Models, Views, Controllers
- Making Changes
- Unit Testing
- JavaScript and CSS

Controllers in ASP.NET MVC 4

- Introduction
- Routes and Controllers
- Actions and Parameters
- Action Results
- Action Selectors
- Action Filters

Razor Views

- Introduction
- Razor Basics
- Code Expressions
- Code Blocks
- Layout Views
- HTML Helpers

Partial Views

Working With Data

Introduction
The Entity Framework
Building Entities
Database Migrations
Using LINQ
A Search Filter
Listing Reviews
Creating a Review
Editing a Review
Mass Assignment
Validation Annotations
Custom Validations

AJAX and ASP.NET MVC

Introduction
The Scripts
Managing Scripts
AJAX Helpers
An Async Search
Autocompletion
Paging Results

Security and ASP.NET MVC 4

Introduction

Authentication

Windows Authentication

Forms Authentication

Taking Control of Membership

Forms Authentication In Action

Authorize

Seeding Membership

A cross site request forgery

OpenID and OAuth

ASP.NET MVC 4 Infrastructure

Introduction

Caching

Cache Settings

Cache Profiles

Localization

Resources

Diagnostics

Health Monitoring and ELMAH

Unit Testing with ASP.NET MVC 4

Introduction

Test Driven Development

Test Driven Design

Home Controller Tests

Create Action Tests

Deployment and Configuration

Introduction

Configuration Files

Configuration Hierarchy

Hosting ASP.NET MVC

Preparing For Deployment

Deploying to IIS

TECHDREAMZ has designed Job Oriented Training course curriculum for the IT
and engineering graduates which will give them the natural advantage to
be ahead of their competitors in the IT industry
www.techdreamz.org
www.industrialtraining.biz