

BASIS-SEIP Tranche-3

Course Name: Web Application Development Using DOT Net

Lesson Plan

Total Time: 4 hours

Day :01

| Unit of competency & Unit code | Elements of Competency | Performance Criteria with variable & Range | | Method | Materials, tools and equipment | Assement/ Questions | Pre-teach Activities/ Ice breaking/ Activites | Remark |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------|------------------------|--------------------------------------------------------|--------|
| | | Theory | Practical | | | | | |
| Morning reflaction /knowledge harvest/Recap | | | | Oral, video, Demonstration, Practice | White board, Marker, PC, Projector, Lesson Plan Session Plan | | 1. 'Two Truths and a Lie' Icebreaker | |
| SEIP-IT-WDT-1-S (Operate a Personal Computer and Use Office Application) | 1. Start and shut down t he computer 2. Access basic system in formation | 1. Start and shut down the computer 2. Access basic system information | Operate Office Application Software | | | | | |
| Break | | | | | | | | |
| SEIP-IT-WDT-1-S (Operate a Personal Computer and Use Office Application) | 3. Work with files, folder s and user application programs 4. Print documents | 3. Work with files, fold ers and user application programs 4. Print documents | Operate Office Application Software | | | | | |
| Computer and Use | | | | | | | | |

Trainer:

Shabiha Ahmed

Abdullah Al Noman

BASIS-SEIP Tranche-3

Course Name: Web Application Development Using DOT Net

Lesson Plan

Total Time: 4 hours

Day :02

| Unit of competency & Unit code | Elements of Competency | Performance Criteria with variable & Range | | Method | Materials,tools s and equipment | Assement/ Questions | Pre-teach Activities/ Ice breaking/ Activites | Remarks |
|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------|------------------------|-----------------------------------------------------------|---------|
| | | Theory | Practical | | | | | |
| Morning reflaction /knowledge harvest/Recap | Operate a Personal Computer and Use Office Application | 1. Start and shut down the compu ter 2. Access basic system informatio n | Operate Office Application Software | Oral, video, Demonstration, Practice | White board, Marker, PC, Projector, Lesson Plan Session Plan | | 2. ‘Three Words’ Ice Breaker | |
| SEIP-IT-WDT-2-S (Type Documents in Bangla and English) | 1. Install the application 2. Select appropriate tools and keyboard layout 3. Type document using differe nt style format | 1. Install the application 2. Select appropriate tools and ke yboard layout 3. Type document using different style format | Operate Office Application Software | | | | | |
| Break | | | | | | | | |
| SEIP-IT-WDT-3-S (Send and Retrieve Information Using Email, Web Browsers, Video/Audio Tools) | 1. Access the internet 2. Search the internet 3. Research and apply ‘netiquet te’ principals 4. Organize and send message | 1. Access the internet 2. Search the internet 3. Research and apply ‘netiquette , principals 4. Organize and send message | Operate Office Application Software | | | | | |
| Computer and Use | | | | | | | | |

Trainer:

Shabiha Ahmed
Abdullah Al Noman

BASIS-SEIP Tranche-3

Course Name: Web Application Development Using DOT Net

Lesson Plan

Total Time: 4 hours

Day :03

| Unit of competency & Unit code | Elements of Competency | Performance Criteria with variable & Range | | Method | Materials,tools and equipment | Assement/ Questions | Pre-teach Activities/ Ice breaking/ Activites | Remarks |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------|--------------------------------------------------------------------------|------------------------|--------------------------------------------------------|---------|
| | | Theory | Practical | | | | | |
| Morning reflaction /knowledge harvest/Recap | Operate a Personal Computer and Use Office Application | Send and Retrieve Information Using Email, Web Browsers, Video/Audio Tools | Operate Office Application Software | Oral, video, Demostration, Practice | White board, Marker, PC, Projector, Lesson Plan Session Plan | | 3. 'Same and Different' Team Building Game | |
| SEIP-IT-WDT-4-S (Comply to Ethical Standards in IT Workplac Bangla and English) | 1. Uphold the interests of clients 2. Deliver quality products and se rvices | 1. Uphold the interests of clients 2. Deliver quality products and services | Operate Office Application Software | | | | | |
| Break | | | | | | | | |
| SEIP-IT-WDN-4-S (Comply to Ethical Standards in IT Workplac Bangla and English) | 3. Demonstrate professionalism a t work 4. Obey workplace code of condu ct. | 3. Demonstrate professionalism at wor k 4. Obey workplace code of conduct. | Operate Office Application Software | | | | | |
| Computer and Use | | | | | | | | |

Trainer:
 Shabiha Ahmed
 Abdullah Al Noman

BASIS-SEIP Tranche-3

Course Name: Web Application Development Using DOT Net

Lesson Plan

Total Time: 4 hours

Day :04

| Unit of competency & Unit code | Elements of Competency | Performance Criteria with variable & Range | | Method | Materials,tools and equipment | Assement, Questions |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------------------------------------------|------------------------|
| | | Theory | Practical | | | |
| Morning reflaction /knowledge harvest/Recap | Operate a Personal Computer and Use Office Application | | Operate Office Application Software | Oral, video, Demostration, Practice | White board, Marker, PC, Projector, Lesson Plan | |
| SEIP-IT-WDT-1-O (APPLYBASIC C-sharp (C#)) | 1. Declare, assign and show value of a variable in console | 1.1 Variables in computer memory are described. 1.2 Convention of C# code is named. 1.3 A string type variable is declared and assigned. 1.4 Value of a variable in console is shown. 1.5 Running a Dot Net environment program in a computer is applied. 1.6 A single statement type of variable is declared or assigned. 1.7 One variable on each line is declared and assigned. 1.8 Allocated memory of execution engine for local variable is explained. 1.1 Local variable declaration and assignment syntax is declared and assigned. | Work with console Application | | | |
| Break | | | | | | |
| SEIP-IT-WDT-1-O (Data Types and Logic) | 2. Apply with C# basic data type 3.Control business logic using if- then-else 4.Work with various loops | 4.1 Loops are Introduced. 4.2 The different types of loops are described. 4.3 A constant to control the loops are used. 4.4 The loop control statements are described. 4.5 Various loops are used. | Work with console Application | | | |

| | | | | | |
|------------------|--|--|--|--|--|
| Computer and Use | | | | | |
|------------------|--|--|--|--|--|

| Pre-teach Activities/ Ice breaking/ Activites | Remarks |
|-----------------------------------------------------|---------|
| 4. 'Big Lottery Win' Warm-Up Activity | |



| Unit of competency & Unit code | Elements of Competency | Performance Criteria with variable & Range | | Method | Materials,tools and equipment | Assement/ Questions | Pre-teach Activities/ Ice breaking/ Activites | Remarks |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------|-------------------------------------|------------------------|--------------------------------------------------------|---------|
| | | Theory | Practical | | | | | |
| Morning reflaction /knowledge harvest/Recap | Use Console | | Introduction variable, Data Types, loop | | | | | |
| SEIP-IT-WDT-1-O (Recognize the array) SEIP-IT-WDT-2-O (WORK WITHOBJECT ORIENTED PROGRAMMING (OOP) BASICS) | 1. Create user defined type and create object | 1.1 User defined type is created. 1.2 An object from problem domain is found. 1.3 Field, property and method inside a class are kept. | | | | | | |
| Break | | | | | | | | |

| | | | | | | | |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------|--------------------------------------------------------------|--|-------------------------------------------------------|
| SEIP-IT-WDT-2-O (WORK WITH OBJECT ORIENTED PROGRAMMING (OOP) BASICS) | 2. Create association relationship between two classes 3. Create inheritance relationship between classes 4. Work with abstract class, method and interface | 1.1 User defined type is created. 1.2 An object from problem domain is found. 1.3 Field, property and method inside a class are kept. 2.1 Association relationships defined. 2.2 Association relationship between objects is defined. 2.3 A class with the collection of another class is created. 3.1 The essence of inheritance relationship is understood. 3.2 Static class and method from real life example are defined. 4.1 Abstract class method and interface are introduced. 4.2 Abstract class and interface are differentiated. 4.3 Interface as a type is used. 4.4 Abstract class is declared. | Work with Visual Studio IDE | Oral, video, Demonstration , Practice | White board, Marker, PC, Projector, Lesson Plan Session Plan | | 5. 'Storytelling' Icebreaker Team-Building Activity |
| | | | | | | | |
| Computer and Use | | | | | | | |

Total Time: 4 hours

[illegible]

| | | | | | | | | |
|------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|--------------|--|--|--|
| SEIP-IT-WDT-3-O(USE CLIENT SIDE SCRIPTING LANGUAGES) | 2. Use HTML (Hypertext Mark-up Language) | 2.1 Entities & attributes of HTML is explained. 2.2 HTML of a website is written. 2.3 HTML concepts is implemented. 2.1 HTML is implemented in software. 2.2 HTML forms are identified. 2.3 HTML form elements are used. 2.4 HTML input types are used. 2.5 HTML input attributes are used. 2.6 HTML Graphics are used. 2.7 HTML Media is used. | Work with Web | Practice | Session Plan | | | |
| | | | | | | | | |

[illegible]

| | | | | | | | | |
|------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------|--|--|--|--|--|
| SEIP-IT-WDT-3-O(USE CLIENT SIDE SCRIPTING LANGUAGES) | Implement Cascading Style Sheets (CSS) in a website | 3.7 2D/3D transformation and animation is applied. 3.8 The color and font using CSS is defined. | Introduction the CSS | | | | | |
| Computer and Use | | | | | | | | |

BASIS-SEIP Tranche-3

Course Name: Web Application Development Using DOT Net

Lesson Plan

Total Time: 4 hours

Day :08

| Unit of competency & Unit code | Elements of Competency | Performance Criteria with variable & Range | | Method | Materials,tools and equipment | Assement/ Questions | Pre-teach Activities/ Ice breaking/ Activites | Remarks |
|------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------|------------------------|--------------------------------------------------------|---------|
| | | Theory | Practical | | | | | |
| Morning reflaction /knowledge harvest/Recap | 1. Work with CSS | | 1. CSS | Oral, video, Demostration, Practice | White board, Marker, PC, Projector, Lesson Plan Session Plan | | 8. Laugh Out Loud Icebreaker | |
| SEIP-IT-WDT-3-O (Work with HTML & CSS) | 7. Implement Cascading Style Sheets (CSS) in a website | 2.4 HTML input types are used. 2.5 HTML input attributes are used. 2.6 HTML Graphics are used. 2.7 HTML Media is used. | 1.1 HTML Introduction 1.2 HTML Editors 1.3 HTML Attributes 1.4 HTML Headings 1.5 HTML Paragraphs 1.6 HTML Styles | | | | | |
| Break | | | | | | | | |
| SEIP-IT-WDT-3-O (Work with HTML & CSS) | 7. Implement Cascading Style Sheets (CSS) in a website | Bootstrap Classes | Useful Bootstrap Classes | | | | | |
| | | | | | | | | |

BASIS-SEIP Tranche-3

Course Name: Web Application Development Using DOT Net

Lesson Plan

Total Time: 4 hours

Day :09

| Unit of competency & Unit code | Elements of Competency | Performance Criteria with variable & Range | | Method | Materials,tools and equipment | Assement/ Questions | Pre-teach Activities/ Ice breaking/ Activites | Remarks |
|-------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------|--------------------------------------------------------------------------|------------------------|--------------------------------------------------------|---------|
| | | Theory | Practical | | | | | |
| Morning reflaction /knowledge harvest/Recap | HTML forms | HTML forms | HTML forms | Oral, video, Demostration, Practice | White board, Marker, PC, Projector, Lesson Plan Session Plan | | 9. The Movie Pitch Icebreaker | |
| SEIP-IT-WDT-5-O(PERFORM WEB PROGRAMMING BASICS USING ASP.NET WEB FORM) | 1. Identify working principle of ASP.Net web form | 1.1 Web design fundamentals is described. 1.2 ASP.Net web form life cycle is described. 1.3 Dot Net Framework is explained 1.4 Software Development Life Cycle (SDLC) phases is implemented in a web project. | | | | | | |
| Break | | | | | | | | |
| SEIP-IT-WDN-3-O (Work with HTML) | 1. Identify working principle of ASP.Net web form | 1.5 Interface of a website in a web designing software is designed. 1.6 Static or dynamic website in a web development software is developed. 1.7 User management in ASP.Net application is described. | | | | | | |
| | | | | | | | | |

BASIS-SEIP Tranche-3

Course Name: Web Application Development Using DOT Net

Lesson Plan

Total Time: 4 hours

Day :10

| Unit of competency & Unit code | Elements of Competency | Performance Criteria with variable & Range | | Method | Materials,tools and equipment | Assement/ Questions | Pre-teach Activities/ Ice breaking/ Activites | Remarks |
|-------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------|------------------------|--------------------------------------------------------|---------|
| | | Theory | Practical | | | | | |
| Morning reflaction /knowledge harvest/Recap | Principle of ASP.Net web form | Principle of ASP.Net web form | | Oral, video, Demonstration, Practice | White board, Marker, PC, Projector, Lesson Plan Session Plan | | 10. The Escape Room Icebreaker | |
| SEIP-IT-WDT-5-O(PERFORM WEB PROGRAMMING BASICS USING ASP.NET WEB FORM) | 1. Identify working principle of ASP.Net web form | 1.5 Interface of a website in a web designing software is designed. | 1.5 Interface of a website in a web designing software is designed. | | | | | |
| Break | | | | | | | | |
| SEIP-IT-WDT-5-O(PERFORM WEB PROGRAMMING BASICS USING ASP.NET WEB FORM) | 1. Identify working principle of ASP.Net web form | 1.1 Static or dynamic website in a web development software is developed. | 1.5 Interface of a website in a web designing software is designed. | | | | | |
| | | | | | | | | |

[illegible]

BASIS-SEIP Tranche-3

Course Name: Web Application Development Using DOT Net

Lesson Plan

Total Time: 4 hours

Day :12

| Unit of competency & Unit code | Elements of Competency | Performance Criteria with variable & Range | | Method | Materials,tools and equipment | Assement/ Questions | Pre-teach Activities/ Ice breaking/ Activites | Remarks |
|-----------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------|------------------------|--------------------------------------------------------|---------|
| | | Theory | Practical | | | | | |
| Morning reflaction /knowledge harvest/Recap | 3. Apply the fundamentals of typography | Database Asp.Net Login Page Designed and Validation | | Oral, video, Demonstration, Practice | White board, Marker, PC, Projector, Lesson Plan Session Plan | | 11. Let’s Build a Story Together Icebreaker | |
| SEIP-IT-WDT-4-O(WORK WITH DATABASE: MS SQL SERVER) | 2. Differentiate different Database Management Systems (DBMS) | 2.1 options and features of different database management systems is compared. 2.2 Different database management systems are installed. | 1.1 Procedure of implementing the basic concepts of CSS (Cascading Style Sheets) 1.2 CSS defined | | | | | |
| Break | | | | | | | | |
| SEIP-IT-WDN-4-O (Work with Cascading Style Sheets (CSS)) | Differentiate different Database Management Systems (DBMS) | 2.2 Different database management systems are installed. 2.3 Entities and their attributes from a real-life scenario are discovered. | Use of SQL Server Management Studio(IDE) | | | | | |
| | | | | | | | | |

