

DNA Database PowerPlex® Fusion Training Log		
Training Area	Date Completed/Initials	Trainer's Initials
<b>1. Education</b>		
<b>1.1. DNA Isolation</b>		
Mandatory Reading		
Lecture		
<b>1.2. Quantitation of DNA (Optional)</b>		
Mandatory Reading		
Lecture		
<b>1.3. The Polymerase Chain Reaction</b>		
Mandatory Reading		
Lecture		
<b>1.4. STR Multiplex Systems</b>		
Mandatory Reading		
Lecture		
<b>1.5. Capillary Electrophoresis</b>		
Mandatory Reading		
Lecture		
<b>1.6. Quality Control and Documentation</b>		
Mandatory Reading		
Understand QC of Reagents		
Understand Documentation		
<b>2. Laboratory Training</b>		
<b>2.1. Sample Processing Quality Control</b>		
Cleaning of Equipment		
Use of Biosafety Hood		
Handling of Samples		
<b>2.2. STR Amplification and Typing</b>		
Read and Understand Protocols		
Read and Comprehend the SDS for Chemicals Associated with STR Amplification		
Demonstration of PCR Amplification		
Supervised PCR Amplification		
Successful Completion of DNA Database Amplification Quiz		
<b>2.3. Capillary Electrophoresis</b>		
Read and Comprehend the SDS for Chemicals Associated with Capillary Electrophoresis		
Read and Understand Protocols		
Demonstration of Capillary Electrophoresis Instrument		
Supervised Use of Capillary Electrophoresis Instrument		
Successful Completion of DNA Database Capillary Electrophoresis Quiz		
<b>2.4. Electropherograms and Interpretation</b>		
Read and Understand Protocols		
Demonstration of GeneMapper ID-X Software		
Supervised Use of GeneMapper ID-X Software		
Successful Completion of DNA Database STR Typing and Analysis Quiz		

Training Area	Date Completed/Initials	Trainer's Initials
<b>2.5. Manual Competency</b>		
Successful Completion of Competency Test Samples		
<b>3. BSD600 Ascent Puncher Training</b>		
Read and Understand Protocols		
Demonstration of 1 Supervised Pre-Run Maintenance		
Perform 1 Supervised Pre-Run Maintenance		
Demonstration of Puncher Operation		
Supervised Puncher Operation		
Successfully Completion of Required Punching		
Successful Completion of DNA Database BSD600 Ascent Puncher Quiz		
<b>4. Amplification, Capillary Electrophoresis, and Analysis of Required Number of Training Samples Using GeneMapper ID-X (Manual and Robotic Combined)</b>		
<b>5. CODIS Operations</b>		
CODIS System Lecture		
<b>5.1. Data Entry</b>		
Use of Specimen Manager		
Entry of Sample Profile		
Second Reading Requirement		
Sample Uploading		
<b>5.2. Searches</b>		
Entry of Sample Profiles		
Conducting a Search		
Printing of the Report		
<b>6. CODIS Hit Confirmations</b>		
Observe CODIS Hit Confirmation Demonstration		
Complete 4 Mock CODIS hit Confirmations		
<b>7. Expungements</b>		
Observe Demonstration of Expungement Process		
Complete 2 Mock Expungements		
<b>8. Courtroom Testimony Training</b>		
Attend Lecture on the Court System		
Observe 1-3 Court Testimonies		
<b>9. Final Competency</b>		
Successful Completion of DNA Database End of Training Test		
Successful Completion of Oral Board		
Successful Completion of a Moot Court		

DNA Database Forensic Scientist Trainee: \_\_\_\_\_

DNA Database Forensic Scientist Trainer: \_\_\_\_\_

DNA Database Manager: \_\_\_\_\_

This trainee is approved to perform DNA Database Analysis.

DNA Technical Leader: \_\_\_\_\_

Date: \_\_\_\_\_

End of form.