

In[401]:= FileNum = 27;

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SetDirectory[NotebookDirectory[]];
nameString = "hopperlogs\\trn\\trn" <> ToString[FileNum] <> ".txt";
trainingLoss = Import[nameString, "Table"];
nameString = "hopperlogs\\val\\val" <> ToString[FileNum] <> ".txt";
validationLoss = Import[nameString, "Table"];
vacc = validationLoss[[Range[1, Length[validationLoss], 2]]];
vloss = validationLoss[[Range[2, Length[validationLoss] + 1, 2]]];
itrStep = 100; (* Interval between test net instantiations *)
iterRange =
  Union[Range[0, trainingLoss[[-1, 1], 100], {Range[0, trainingLoss[[-1, 1], 100] [-1] + 100}]];
vaccTable = Table[{iterRange[[i]], vacc[[i, 1]]}, {i, 1, Length[vacc]}];
vlossTable = Table[{iterRange[[i]], vloss[[i, 1]]}, {i, 1, Length[vloss]}];

ListPlot[trainingLoss, PlotLabel -> "Training Loss vs. Iteration Count",
  AxesLabel -> {"Iterations", "Loss"}, PlotRange -> 8, ImageSize -> Large]
ListPlot[vlossTable, PlotLabel -> "Validation Loss vs. Iteration Count",
  AxesLabel -> {"Iterations", "Loss"},
  Filling -> Axis, PlotRange -> 8, ImageSize -> Large]
ListPlot[vaccTable, PlotLabel -> "Validation Accuracy vs. Iteration Count",
  AxesLabel -> {"Iterations", "Accuracy"},
  Filling -> Axis, PlotRange -> 1, ImageSize -> Large]
ListPlot[{trainingLoss, vlossTable},
  PlotLabel -> "Training Loss vs. Iteration Count", AxesLabel -> {"Iterations", "Loss"},
  PlotRange -> 8, PlotLegends -> {"Training Loss", "Validation Loss"},
  ImageSize -> Large]
```





