Statistical class using software (SAS) with Web pages

----- My educational experiences
at MNC (Media Network Center), Waseda University -----

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1) Overview
once a week, 90 minutes, About 30 times a year
(Summer, winter and spring vacation)

Students :
   number of students : about 40-60
   from all faculty and grade
   their focusing theme : wide range from engineering to psychology or economics

Lecture topic :
   SAS commands
   Statistical methods : from basic statistics to multivariable analysis

The opening (first) class:
   I introduce to the contents of my class through one year
   I ask them about their requests in statistics or class

I order students to collect themselves "data" that each student is interesting in.
I opened and am opening this class from 1996 till now.

2) Contents of my class
Theoretical side : Mathematical models and concepts of statistical methods
Program side : SAS environment (commands) and program
Statistical interpretation side : Analysis result of SAS outputs

The exercises in every week and report makings in every term are put to the students treating themselves collected data.

Resumes in each lecture : Distributed by Web pages
   Anybody, Anywhere, Anytime : student driven
   http://peter.rd.dnc.ac.jp/~ice/kougi/ : see Appendix
3) Exercise
The necessary for well understandings
Small exercise : every week
Homework : review of the latest class
Report makings : every term (three times)
   applying to themselves data using lectured statistical methods
Presentation : Students find themselves weaknesses or misunderstandings
   Students can know others' analysis experiences
   I discuss with and advise some comments to presenters
The final report : applying to themselves data using all methods

4) A student's comment about my class
Exercises and report makings are well useful for understandings.
Web page are also useful and convenient.
Moderate tension of class causes pleasant feelings : speed, topic, data...

5) Important things for statistical class
Developing of computers : Become to a black box about statistics ???
   Lack of statistical understanding ????

We must put to the student
   friendly/suitable examples or data : each student has each interest
   minimum mathematical formula : understandings about model or concept

Support after closing class : like an after-sale-service of electric products
   When graduated students face the actual problems
   differences between the student age and working age
   I tell my contact addresses/methods with e-mail
   Keep to open each Web pages : Anybody, Anywhere, Anytime, 1996 to 2002

Appendix
A1) A copy of my Web page (in Japanese) : Original
A2) A copy of my Web page (in English) : Translated
   This appendix was created using a machine translation program with little revisions. I apologize that I could not prepare the complete translated version.