Numerical analysis of structures (132NAST)

Credit: The credit is given after the mid-term test. The minimum is 10 points.
The maximal value is 20 points. In case of failure, a remedial test can be taken.

Seminar projects: Optional seminar projects (2 to 3) will be assigned.
The projects will be evaluated by 5 to 10 points. The solution can be realized via optional language (C, C++) or software like Matlab or Octave. Commercial software for static and heat transfer analyses is not allowed.

Homeworks: Optional four homeworks will be assigned for the subject practice.
2 to 5 points will evaluate a successful solution.

Exam: The credit must be given for the final exam. The final exam will be a written test.
A maximum of 80 points can be obtained from the exam test. For successful exam passing, the limit is 50 points which is the sum of points taken from seminars (mid-term test, seminar projects, homeworks) and the exam test.

Grading	
Points	**Grade**
100 – 90	A
80 – 89	B
70 – 79	C
60 – 69	D
50 – 59	E
< 50	F

Web page:
http://mech.fsv.cvut.cz/~krejci/TEACHING/NAST/index.html

References:

J. Fish, T. Belytschko: A First Course in Finite Elements, Wiley, 2007