

CPSC 689–602 — Spring 2007  
**Special Topics in Run Time Systems**

Instructor: Dr. Gabriel Dos Reis (gdr at cs . tamu . edu)

Class schedule: Tuesday and Thursday, 02:20pm – 02:35pm

Room: HRBB 126

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This course is intended for students interested in the design and implementation of run time support for modern, high level programming languages such as C++, Java, C<sup>‡</sup>, Haskell, etc. Practical issues and foundational considerations arising from concurrency, advanced generic programming and object oriented constructs for scientific and high-performance computations will be explored.

Topics covered include: Object Models; Virtual Machines; Dynamic Verification; Exception Handling; Run time Reflection; Concurrency; Just in Time Optimizations.

Please visit

<http://courses.cs.tamu.edu/gdr/2007.spring/>

for more information.