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\textsuperscript{\#}, 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.