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### **Model predictive control - Wikipedia**

Computer use is an integral part of the Civil Engineering curriculum. From required courses in computer programming and numerical analysis to subsequent use and development of Civil Engineering programs, students experience the use of computers as a planning, analysis, design, and managerial tools.

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### **LabVIEW Support - National Instruments**

4 attained through courses in chemistry, physics, and mathematics in the early semesters of study, followed by strong disciplinary skills attained through courses in chemical engineering during the later semesters.

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The distinguishing feature of the PID controller is the ability to use the three control terms of proportional, integral and derivative influence on the controller output to apply accurate and optimal control. The block diagram on the right shows the principles of how these terms are generated and applied.

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