



## Course Spotlight

# Intro to Computational Thinking

CS 1014

### *Pathways Core Outcome:*

Foundational  
Quantitative and  
Computational Thinking

### *Pathways Integrative Outcome:*

Intercultural and Global  
Awareness

### *Target Audience:*

All majors! Art,  
biology, agriculture,  
history... everyone is  
welcome

### *Prerequisites:*

None

### *About Intro to Computational Thinking:*

**Big Data:** Work with real-world data streams (news, social media, and more).

**Algorithms:** Learn practical skills and tools from Computer Science.

**Complex Models:** Use and modify models of phenomena from your major.

**Collaborate:** Work with students in other majors. Societal Impacts: See how this affects us all.

**Class Structure:** Active learning | Group-based learning | Project-oriented

[tinyurl.com/vt-compthink](http://tinyurl.com/vt-compthink)

[pathways.prov.vt.edu](http://pathways.prov.vt.edu)



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VIRGINIA TECH

PATHWAYS GENERAL EDUCATION

Office of General Education | [jennigal@vt.edu](mailto:jennigal@vt.edu) | (540) 231-4451

Burruss Hall, Suite 104 (MC 0717), 800 Drillfield Dr., Blacksburg, VA 24061