

## Outcome Assessment Results for degrees or certificates

Degree or Certificate: Associate of Science: Computer Science

1. Outcome	2. Criteria or Target	3. Measurement Tool		4. When/how and by who analysis of assessment will be accomplished	5. Program Assessment Recommendations?
		course	assignment		
Individuals who receive a certificate of completion should be able to:					
Demonstrate the ability for sound reasoning and problem-solving by planning, documenting, implementing, testing, and executing computer solutions to real-life problems.	90% of students will submit a portfolio of classwork with evidence of this degree outcome being met at a "C" or better.	Any CS course.	Cumulative portfolio.	CS department faculty will assess portfolios during program review.	100% of students completed a portfolio showing "C" or better
Apply knowledge of mathematics in the development of computer algorithms and solutions.	90% of students will submit a portfolio of classwork with evidence of this degree outcome being met at a "C" or better.	Any CS course.	Cumulative portfolio	CS department faculty will assess portfolios during program review.	100% of students completed a portfolio showing "C" or better
Discuss key ethical issues and global concerns in relation to the field of computer science, and their	90% of students will submit a portfolio of classwork with evidence of this degree outcome being met at a "C" or better.	Any CS course.	Cumulative portfolio.	CS department faculty will assess portfolios during program review.	100% of students completed a portfolio showing "C" or better

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responsibility to this field as computer science professionals of the future.					
Research, identify, evaluate, analyze, select, and implement current technologies as appropriate in order to implement effective solutions.	90% of students will submit a portfolio of classwork with evidence of this degree outcome being met at a "C" or better.	Any CS course.	Cumulative portfolio.	CS department faculty will assess portfolios during program review.	100% of students completed a portfolio showing "C" or better

Plan Submitted by: Robert Surton  
Assessment Completed by: Robert Surton

Date: 2017-03-29  
Date: 2017-11-16

Plans to be submitted to Academic Assessment Coordinator ([kkane@cgcc.edu](mailto:kkane@cgcc.edu)) by Nov 15 of academic year being assessed  
Assessment and Analysis to be submitted to Academic Assessment Coordinator ([kkane@cgcc.edu](mailto:kkane@cgcc.edu)) by Nov 15 the following academic year being assessed