

# Information Technology AAS Degree

## Advising Guide Track Sheet

**New River**  
COMMUNITY COLLEGE  
2013-2014 Catalog

Student ANKAN BASU ID # 6690710  
IT Faculty Advisor Carlotta Eaton Date 8/24/2015  
Email: basu.ankan@gmail.com Cell : \_\_\_\_\_  
Plan to Transfer to a University? Yes or No \_\_\_\_ Where? VT/ODU

**Job Objective:** Entry Level Computer Programmer or Software Developer  
If you enjoy working with numbers or coding ideas in a computer, earn this degree. This degree includes 45 hours of CS/IT coursework and 20 hours of general education.  
(For more job and requirement information see page 79 of the 2013-14 NRCC catalog.)

Planned	Actual	Notes	First Semester – Fall ____	Grade
_____	<u>S15</u>	CSC 110	Intro to Computing	3
_____	<u>Su16</u>	CSC 200	Introduction to Computer Science	4
_____	_____	ITE 105	IT Careers & Cyber Ethics	2
_____	<u>F15</u>	ITN 101	Intro to Network Concepts	3
_____	<u>S15</u>	ENG 111	College Composition I (or ENG 115**)	3
_____	<u>S15</u>	SDV 100	College Success Skills	1
				<u>16</u>
Planned	Actual	Notes	Second Semester – Spring ____	Grade
_____	<u>F15</u>	ITD 110	Web Page Design I	3
_____	<u>S16</u>	ITN 106	Microcomputer Operating Systems	4
_____	<u>F15</u>	ITP 112	Visual Basic .NET I (or ITP 134 C++ or EGR 126 Prog for Engineers)	3 - 4
_____	_____	MTH 151	Math for the Liberal Arts (or MTH 115** or 163)	3
_____	<u>Su15</u>	PSY 200	Principles of Psychology (or PSY 126**)	3
				<u>16 - 17</u>
Planned	Actual	Notes	Third Semester – Fall ____	Grade
_____	<u>F15</u>	ITD 130	Database Fundamentals	4
_____	<u>S16</u>	ITN 107	PC Hardware & Troubleshooting	4
_____	<u>F14</u>	CSC 201	Computer Science I	4
_____	_____	2 CST 137**	Oral Interpretation (or CST 100 Public Speaking + Humanities/FineArts <sup>2</sup> )	3
_____	_____	_____	Health or PE	1
				<u>16</u>
Planned	Actual	Notes	Fourth Semester – Spring ____	Grade
_____	<u>Su15</u>	BUS 116	Entrepreneurship (or ACC 211 or BUS 165 or MKT 228)	3 - 4
_____	<u>S14</u>	CSC 202	Computer Science II	4
_____	<u>S16</u>	ITP 240	Server Side Programming	4
_____	_____	ITP 251	Systems Analysis & Design (or ITP 290 Internship or ITP 297 Co-op)	3
_____	<u>Su15</u>	1 <u>Ec 201</u>	Social Science Elective <sup>1</sup>	3
				<u>17 - 18</u>
TOTAL MINIMUM CREDITS				<u>65 - 67</u>

\*\* Indicates a general education course that is NOT designed to transfer to a 4 year university.

Note (1) Students may choose from college approved social science electives on page 58 of catalog.

Note (2) Students may choose from college approved humanities/fine arts electives on page 58 of catalog.



Division of Arts and Sciences: (540) 674-3611

## Transfer Degree

Associate  
of Arts  
and Sciences

Ankan Basu  
ID# 6690710  
Date# 8/24/2015  
**Engineering  
Computer Science Specialization**

Four-Semester (Two Year) Program

## First Semester (Fall)

CHM 111	College Chemistry I - <b>Transferred</b>	4
EGR 120	Introduction to Engineering - <b>F14</b>	2
ENG 111	College Composition I	3
MTH 173	Calculus with Analytic Geometry I - <b>Transferred</b>	4
SDV 100	College Success Skills - <b>S15</b>	1
—	Humanities / Fine Arts Elective <sup>1</sup>	<u>3</u>
		17

## Second Semester (Spring)

EGR 115	Engineering Graphics (w/Inventor)	2
ENG 112	College Composition II	3
MTH 174	Calculus with Analytic Geometry II - <b>Transferred</b>	4
MTH 177	Introductory Linear Algebra (or MTH 285) - <b>Transferred</b>	2
—	Humanities / Fine Arts Elective <sup>1</sup>	<u>3</u>
<b>Eco 201</b>	Social Science Elective <sup>2</sup> - <b>Su 15</b>	<u>3</u>
		17-18

## Third Semester (Fall)

CSC 201	Computer Science I - <b>F14</b>	4
MTH 277	Vector Calculus - <b>Transferred</b>	4
PHY 231	General University Physics I	5
—	Health or Physical Education	1
<b>Psy 200</b>	Social Science Elective <sup>2</sup> - <b>Su 15</b>	<u>3</u>
		17

## Fourth Semester (Spring)

CSC 202	Computer Science II - <b>S14</b>	4
CSC 205	Computer Organization - <b>S14</b>	3
CST 100	Principles of Public Speaking	3
MTH 286	Discrete Mathematics (or MTH 279) - <b>transferred</b>	4
PHY 232	General University Physics II (or CHM 112) <sup>3</sup> - <b>Transferred</b>	4
		18-19

**Total Minimum Credits 71****Footnotes:**

- 1 Students may choose from college approved Humanities/Fine Arts electives on page 44.
- 2 Students may choose from college approved Social Science electives on page 44.
- 3 PHY 232 is required for students planning to transfer under the VT Engineering Articulation Agreement.

**Note:**

Students who have not had prior Computer Programming classes in languages such as Java, Visual Basic.NET, C++ or Python/Jython should take CSC 200 Introduction to Computer Science before taking CSC 201, CSC 202 or CSC 205. Students planning to transfer should consult the four-year transfer institution to determine course recommendations prior to registering for classes at NRCC. General transfer information is available at [www.nr.edu/transfer](http://www.nr.edu/transfer).