

# COMPUTER STUDIES TRANSFER, COMPUTER SCIENCE BA - ASSOCIATE IN ARTS (RIC)



## RCSA

This program constitutes a JAA transfer program to RIC. Students completing a JAA plan receive an Associate's degree and enter the receiving institution with 60 credits and Junior status. Students must complete all requirements as given. Depending on GPA, students receive a tuition discount of up to 30% at the receiving institution, a waived application fee, and personalized advising.

The Bachelor of Arts degree at RIC requires fewer courses, and you have freedom to add a minor(s) or double major to pursue other interests. For potential employers, a minor in cyber security, data analytics, or other areas could set you apart from other candidates.

## Program Learning Outcomes

Upon completion of this program, a student will be able to:

1. Create written work that develops and expresses ideas and that addresses a given context and target audience.
2. Communicate effectively via oral presentations, performances, participation in group work, and visual presentations.
3. Identify, analyze, and apply evidence and ideas, question assumptions, and draw logical conclusions.
4. Develop information literacy by locating, evaluating, synthesizing, and using information to accomplish a specific purpose.
5. Demonstrate an understanding of and apply scientific or quantitative principles, theories, and methods.
6. Apply quantitative principles to solve problems and support arguments with quantitative evidence in a variety of formats (e.g. words, tables, graphs, equations, etc.).
7. Demonstrate an understanding of global, cultural and historical perspectives.
8. Function effectively in social and professional environments and make reasoned decisions based on ethical standards, self-awareness, and personal responsibility.
9. Utilize discipline-specific theories and concepts to analyze data, texts, and issues at a level appropriate for a 2-year college student.

## Requirements

| Code   | Title   | Hours |
|--|---|-------|
| <b>General Education Requirements</b>  |   |       |
| COMM 1010  | Communication Fundamentals <sup>A</sup> HUMN; Non-Written Communication; Social and Professional Responsibilities | 3     |
| ENGL 1010  | Composition I (or ENGL 1010A) HUMN; Written Communication; Information Literacy                                   | 3     |
| Lab Science Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/</a> ) <sup>MSCI</sup> |   | 4     |

|  |  |           |
|--|--|-----------|
| MATH 2111  | Pre-Calculus Mathematics <sup>MSCI</sup> ; Scientific Reasoning; Quantitative Literacy | 4         |
| MATH 2141  | Calculus I <sup>MSCI</sup> ; Scientific Reasoning; Quantitative Literacy               | 4         |
| Social Science Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/</a> ) <sup>SSCI</sup>  |  | 3         |
| Choose ONE of the following:   |  | 3         |
| Art Elective <sup>HUMN</sup>   |  |           |
| Music Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#muscgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#muscgened/</a> ) <sup>HUMN</sup>           |  |           |
| Theatre Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#theagened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#theagened/</a> ) <sup>HUMN</sup>         |  |           |
| Choose ONE of the following:   |  | 3         |
| History Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/</a> ) <sup>SSCI</sup>         |  |           |
| Philosophy Elective ( <a href="https://catalog.ccri.edu/course-descriptions/phil/">https://catalog.ccri.edu/course-descriptions/phil/</a> ) <sup>HUMN</sup>  |  |           |
| Choose ONE of the following:   |  | 3         |
| Literature Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/</a> ) <sup>HUMN</sup>        |  |           |
| World Languages Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#langgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#langgened/</a> ) <sup>HUMN</sup> |  |           |
| Subtotal General Education   |  | 30        |
| <b>Major Requirements</b>  |  |           |
| COMI 1150  | Programming Concepts   | 3         |
| COMI 1510  | Java Programming   | 3         |
| COMI 2510  | Advanced Java Programming  | 3         |
| COMI 2520  | Data Structures and Algorithms   | 3         |
| ENGL 1410  | Business Writing   | 3         |
| Free Elective  |  | 3         |
| Free Elective  |  | 3         |
| Free Elective  |  | 3         |
| Free Elective  |  | 3         |
| Free Elective  |  | 3         |
| Subtotal Major Requirements  |  | 30        |
| <b>Total Hours</b>   |  | <b>60</b> |

<sup>A</sup> Work-based learning course

## Recommended Course Sequence

| Course   | Title                                   | Hours |
|--|---|-------|
| <b>Year 1</b>  |   |       |
| <b>Semester 1</b>  |   |       |
| COMI 1150  | Programming Concepts                    | 3     |
| COMM 1010  | Communication Fundamentals <sup>A</sup> | 3     |
| ENGL 1010  | Composition I (ENGL 1010A)              | 3     |
| Choose ONE of the following:   |   | 3     |
| Art Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#artgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#artgened/</a> )     |   |       |
| Music Elective ( <a href="https://catalog.ccri.edu/academic-information/general-education/course-attributes/#muscgened/">https://catalog.ccri.edu/academic-information/general-education/course-attributes/#muscgened/</a> ) |   |       |

Theatre Elective (<https://catalog.ccri.edu/academic-information/general-education/course-attributes/#theagened/>)

(<https://ccri.edu/jaa/>) or the Transfer Center ([https://ccri.edu/onestop/transfer\\_center/](https://ccri.edu/onestop/transfer_center/)).

Choose ONE of the following: 3

Literature Elective (<https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/>)

World Languages Elective (<https://catalog.ccri.edu/academic-information/general-education/course-attributes/#langened/>)

**Hours 15**

## Semester 2

COMI 1510 Java Programming 3

MATH 2111 Pre-Calculus Mathematics 4

Free Elective 3

Free Elective 3

Choose ONE of the following: 3

History Elective (<https://catalog.ccri.edu/academic-information/general-education/course-attributes/#histgened/>)

Philosophy Elective (<https://catalog.ccri.edu/course-descriptions/phil/>)

**Hours 16**

## Year 2

### Semester 1

COMI 2510 Advanced Java Programming 3

ENGL 1410 Business Writing 3

MATH 2141 Calculus I 4

Lab Science Elective (<https://catalog.ccri.edu/academic-information/general-education/course-attributes/#labscigened/>) 4

**Hours 14**

### Semester 2

COMI 2520 Data Structures and Algorithms 3

Social Science Elective (<https://catalog.ccri.edu/academic-information/general-education/course-attributes/#sscigened/>) 3

Free Elective 3

Free Elective 3

Free Elective 3

**Hours 15**

**Total Hours 60**

<sup>^</sup> Work-based learning course

## Transfer

This program at CCRI is a part of the Joint Admissions Agreement (JAA). JAA helps students transfer seamlessly to Rhode Island College (RIC) or the University of Rhode Island (URI). Students who are eligible for the JAA program have earned less than 30 college credits at the time of joining and have not attended any other college or university.

JAA graduates are guaranteed admissions to either RIC or URI, have personalized advising by a caseload advisor, enter with Junior status at RIC or URI, and are eligible for a tuition discount up to 30% based on GPA.

Please meet with an Academic Advisor/Student Success Coach to help you select the courses that best prepare you for transfer to RIC or URI. For more information, please visit Joint Admissions Agreement