



**Master of Arts in Teaching
Secondary Education
Content Competencies
Computer Science Endorsement (grades 6-12)**

This form is to notify MAT candidates of the content competency areas that are required for the Virginia Teaching Licensure and assist you in completing these requirements.

| Student Information | | |
|---------------------|--------------|--------------|
| (Last Name) | (First Name) | (Student ID) |
| Bachelor's Degree: | | |

| Guidelines | Helpful Contact Info |
|---|--|
| 1. Candidates should have completed a bachelor's degree with a major in computer science, or a degree in a related field with courses similar to that required for a bachelor's degree in computer science. | contentcompevals@liberty.edu |
| 2. Candidates must document a <u>minimum</u> of 36 semester hours of computer science content courses <u>spread</u> throughout the <u>five areas</u> below. | gate2@liberty.edu |
| 3. Courses from a Bachelor's and/or Post-baccalaureate degree, including CLEP/DANTES, can satisfy the competencies. | gate3@liberty.edu |
| 4. Every subject in each area requires at least one course in order to be considered complete. One course may be used for more than one competency; however the credit hours may only be counted once towards the overall total. *Duplicate content may not be used to fulfill Content Competencies | educ@liberty.edu |
| 5. Any Incomplete Competencies displayed in this must be completed prior to student teaching. | PH: 1-800-424-9595 |
| 6. Passing Praxis II scores must be submitted with the Gate 3 packet prior to student teaching. | |

| Competency | Course # and Title | Institution | Credit Hours | Met |
|---|--------------------|-------------|--------------|-----|
| Mathematics (College Algebra or higher) | | | | |
| Discrete Mathematics | | | | |
| Data Structures and Algorithm Analysis | | | | |
| Foundations of Computer Science | | | | |
| Programming in at least two distinct Languages (6 Hours) | | | | |
| | | | | |

Total Hours: 0
Required Hours: 36

| | |
|-----------|------------|
| Status | INCOMPLETE |
| Evaluator | |
| Date | |
| Update | |

Note: All courses must have a prefix that matches the discipline of the competency.
*Please see incompletes listed above.

***Grade Requirements: All content competencies must receive a final grade of C or higher.