This plan is a guide to get you started on the path to graduation. Please consult your advisor to finalize your plan.

**Computer Programming Specialist**  
**Level 2 Certificate (C2_CPS2)**

**STUDENT NAME:**  
**ADVISOR NAME:**

**First Year**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
<th>This Semester’s To-Do List:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EDUC 1300</strong></td>
<td>3</td>
<td>• Get your <strong>Best Start</strong> at Lone Star College!</td>
</tr>
<tr>
<td><strong>COSC 1301, ITSC 1301</strong></td>
<td>3</td>
<td>• Set a goal for what you want to accomplish</td>
</tr>
<tr>
<td><strong>BCIS 1305</strong></td>
<td>3</td>
<td>◦ Make a plan to reach your goal</td>
</tr>
<tr>
<td><strong>ITSC 1371 OR ITSC 1316</strong></td>
<td>3</td>
<td>◦ Get connected with advisors, faculty and student organizations</td>
</tr>
<tr>
<td><strong>ITSE 1302 OR COSC 1315</strong></td>
<td>3</td>
<td>◦ Stay involved with classes, student life, and campus activities</td>
</tr>
<tr>
<td><strong>ITSE 1303 OR ITSE 1311</strong></td>
<td>3</td>
<td>◦ Confirm intended major and develop academic plan with EDUC 1300 or Area of Study advisor</td>
</tr>
<tr>
<td><strong>ITSC 1371 OR ITSC 1316</strong></td>
<td>3</td>
<td>◦ Visit <strong>Financial Aid</strong> to find ways to pay for college</td>
</tr>
</tbody>
</table>

This Semester’s To-Do List:

- Connect with your Area of Study advisor to:
  - Review academic plan
  - Utilize campus support services to help you be successful
- Fill out your **FAFSA** for next academic year
- Utilize **Career Services** to:
  - Update resume
  - Search for jobs or internships

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
<th>This Semester’s To-Do List:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Programming Elective¹</strong></td>
<td>3</td>
<td>• Confirm certificate requirements with your advisor</td>
</tr>
<tr>
<td><strong>ITSC 1315</strong></td>
<td>3</td>
<td>◦ RSVP for the campus commencement ceremony</td>
</tr>
<tr>
<td><strong>Technical Elective²</strong></td>
<td>3</td>
<td>◦ Purchase cap and gown</td>
</tr>
<tr>
<td><strong>ITSE 1350</strong></td>
<td>3</td>
<td>• Meet with Financial Aid advisor to complete your Financial Aid exit counseling (if applicable)</td>
</tr>
</tbody>
</table>

### FIRST YEAR

**Plan Total Credits:** 33

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**SUMMER**

<table>
<thead>
<tr>
<th>Fourth Semester</th>
<th>Credits</th>
<th>This Semester’s To-Do List:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Programming Elective³</strong></td>
<td>3</td>
<td>• Apply for <strong>Graduation</strong> in myLoneStar!</td>
</tr>
<tr>
<td><strong>Programming Elective³</strong></td>
<td>3</td>
<td>◦ Confirm certificate requirements with your advisor</td>
</tr>
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<td><strong>Programming Elective³</strong></td>
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PLAN NOTES

1. First Level Electives:
   - ITSE 1307 Introduction to C++ Programming
   - COSC 1320 C Language
   - ITSE 1311 Beginning Web Programming
   - ITSE 1330 Introduction to C# Programming
   - ITSE 1332 Introduction to Visual Basic Net Programming
   - ITSE 2317 Java Programming

2. Technical Electives:
   - Choose from ITSE, ITNW, ITSC, IMED, GRPH, COSC
   - GAME 1343 Game & Simulation Programming I
   - GAME 1359 Game & Simulation Programming II
   - GAME 2303 Artificial Intelligence Programming I
   - ITSW 1304 Introduction to Spreadsheets
   - ITSW 1307 Introduction to Database

3. Second Level Electives:
   - ITSE 2302 Intermediate Web Programming
   - ITSE 2331 Advanced C++ Programming
   - ITSE 2353 Advanced C# Programming
   - ITSE 2349 Advanced Visual Basic Programming
   - INEW 2338 Advanced Java Programming

Gainful Employment: For information about the estimated value and jobs related to programs, please visit Gainful Employment.

The U.S. Department of Education (DOE) requires that institutions of higher education must provide current and prospective students with information about each of its programs that prepare students for gainful employment (GE) in a recognized occupation. Lone Star College certificate programs, not designed to be fully transferable to a bachelor’s degree program, are considered GE programs. Lone Star College’s Gainful Employment Program information is available at LoneStar.edu/GainfulEmployment.

TRANSFER

Transfer-in: If you took college courses elsewhere, you may be able to substitute those for courses in this plan. First, submit your transcript to the registrar to get evaluated for Transfer credit. Then, speak with an advisor.

Transfer-out: Do you want to transfer to a four-year school? Schedule an appointment with a transfer advisor. Transfer Advising

RESOURCES

Academic Advising
How many courses should I take?
AAS Core Curriculum
LSC Catalog
Class Search
myLoneStar

Check your progress to graduation and see what requirements you still need to take! Click the Academic Progress tile on your myLoneStar page, then My Completion Progress is on the left.