



## Limestone College



### Bachelor of Science in Computer Science - Programming

**STUDENT DATA:**

**NAME:** ROADMAP'S DEGREE

**SSN:** 000-00-0000

<b>Credit</b>	<b>Potential</b>
<b>Required</b>	<b>Credit</b>

<b>Freshman Composition (EN 101) [EN024B]</b>	<b>3.00</b>
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(College credit by examination may apply. Visit the LC website for a description of this course.)

{DANTES Code = 11.07.00}

<b>Expository Prose (EN 102) [EN025B]</b>	<b>3.00</b>
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(Visit the LC website for a description of this course.)

{DANTES Code = 11.07.00}

<b>College Algebra or Precalculus (MA 115, 120) [MH048B,MH054B]</b>	<b>3.00</b>
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(College credit by examination may apply. Visit the LC website for a description of these courses.)

{DANTES Code = 14.01.00 or 14.01.05}

<b>Fine Arts Elective [FA001B,FA011B]</b>	<b>3.00</b>
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(Choose one course from Art Apprec, Music Apprec, Drama Apprec, Theatre Arts, or Foreign Language Course. College credit by examination may apply. Visit the LC website for a description of these courses.)

{DANTES Code = 08.02.01 or 08.07.06}

<b>Fundamentals of Public Speaking (EN 105) [CM001B]</b>	<b>3.00</b>
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(College credit by examination may apply. Visit the LC website for a description of this course.)

{DANTES Code = 04.10.00}

<b>Calculus for Non-Science Major OR Calculus I (MA 150,201)</b>	<b>3.00</b>
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(Visit the LC website for a description of this course.)

<b>Linear Algebra (MA 302)</b>	<b>3.00</b>
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(Visit the LC website for a description of this course.)

{DANTES Code = 14.01.01}

**Writing Intensive Requirement**

Writing intensive courses are designed to teach subject area content while enabling students to practice and improve written communication skills in various fields of study. Writing intensive classes may use writing as a tool for learning, a medium for assessment, and/or a space for practicing metacognition. Writing intensive courses will allow students and faculty to reflect upon and evaluate the lasting impression of visible thinking.

Students pursuing a baccalaureate degree must complete five writing intensive courses (15 credit hours) to complete the writing intensive portion of the General Education requirement. Each baccalaureate major requires at least one additional writing intensive course. Transfer students with AA or AS degrees from regionally accredited colleges or universities will have satisfied all General Education writing intensive requirements. All transfer students are required to complete at least one writing intensive course in the major. Courses which are Writing Intensive are identified by a "W" in the course number (for example, EN 101W).

**Computer Literacy (CST 091) if needed**

<b>Introduction to Computers Science (CST 101)</b>	<b>3.00</b>
(Visit the LC website for a description of this course.) {DANTES Code = 05.02.00}	
<b>Microcomputer Applications (CST 102)</b>	<b>3.00</b>
(Visit the LC website for a description of this course.) {DANTES Code = 05.03.04 or 05.03.03}	
<b>Survey of Programing Languages (CST 110)</b>	<b>3.00</b>
(Visit the LC website for a description of this course.)	
<b>Introduction to Internet Applications &amp; Technology (CST 120)</b>	<b>3.00</b>
(Visit the LC website for a description of this course.) {DANTES Code = 04.04.01}	
<b>Operating Systems &amp; Networking Fundamentals (CST 201)</b>	<b>3.00</b>
(Visit the LC website for a description of this course.)	
<b>Programming I: Imperative Programming (CST 205)</b>	<b>3.00</b>
(Visit the LC website for a description of this course.) {DANTES Code = 05.03.01 or 05.03.05}	
<b>Programming II: Object-Oriented Programming (CST206)</b>	<b>3.00</b>
(Visit the LC website for a description of this course.)	
<b>Programming III: Advanced Algorithms &amp; Data Structure (CST 303)</b>	<b>3.00</b>
(Visit the LC website for a description of this course.)	
<b>Programming IV: Advanced Programming (CST 306)</b>	<b>3.00</b>
(Visit the LC website for a description of this course.)	
<b>Internet Programming II (CST 330)</b>	<b>3.00</b>
(Visit the LC website for a description of this course.)	
<b>Programming V: Design &amp; Structure of Programing Languages (CST 360)</b>	<b>3.00</b>
(Visit the LCC website for a description of these courses.) {DANTES Code = 05.02.03}	
<b>Theory of Computation (CST 403)</b>	<b>3.00</b>
(Visit the LCC website for a description of these courses.)	

<b>Project Management for Programmers (CST 440)</b>	<b>3.00</b>
(Visit the LCC website for a description of these courses.)	
<b>Applied Software Development (CST 460)</b>	<b>3.00</b>
(Visit the LCC website for a description of these courses.)	
<b>Major Elective</b>	<b>3.00</b>
(Any CST course not in Required Courses. Visit the LCC website for a description of these courses.)	
<b>Literature Elective</b>	<b>3.00</b>
(College credit by examination may apply. Visit the LC website for a description of these courses.)	
<b>Philosophy - Religion Elective</b>	<b>3.00</b>
(College credit by examination may apply. Visit the LC website for a description of courses available.)	
{DANTES Code = 17.13.00 or 17.03.00 or 17.13.00}	
<b>History Elective</b>	<b>6.00</b>
(Select from the following courses:	
World Civilization I (HI 110)	
World Civilization II (HI 111)	
US History I (HI 112)	
US History II (HI 113) or (HI 214)	
College credit by examination may apply. Visit the LCC website for a description of these courses.)	
{DANTES Code = 20.07.06. or 20.07.07 or 20.07.08}	
<b>Natural Science with Lab Electives</b>	<b>4.00</b>
(Visit the LC website for a description of courses available.)	
<b>Social Science Electives - Two Subjects Required</b>	<b>6.00</b>
(One Course from Two Different Areas:	
BA103, 310, EC203, 204, 211, 220 or Geography, International Studies, Political Science, Psychology, Sociology, or Social Work 206	
College credit by examination may apply. Visit the LC website for a description of courses available.)	
{DANTES Code any 20.XX.XX series or most any 20.05.XX series}	
<b>General Electives - Free Electives</b>	<b>32.00</b>
(Any 11 Limestone College or Transferred courses not use in other areas. College credit by examination may apply. Visit the LC website for a description of courses available.)	
<b>Excess Duplicate Credit</b>	

TOTAL ..... 120.00 0.00

Thank you for requesting support from the U.S. Coast Guard Institute (CGI). Whereas we serve as an activity in support of your unit Educational Services Officer (ESO), you are encouraged to seek assistance from your local ESO in your academic endeavors. The following information is provided to help you understand what is presented in this degree plan:

This document is an UNOFFICIAL Degree Plan to provide you with a preliminary assessment of how your prior learning experiences might fit into the specified degree program for this academic institution. If you choose to pursue this degree option, you must present it to a college representative, who will review it for the following:

o Accurate representation of the college's degree program requirements, including course numbers and titles, credit hours for each course, lower- and upper-level course requirements, and the total number of credits needed for the degree.

o Appropriate assignment of ACE Guide-recommended credit at the lower or upper level for military service schools and occupations, CLEP, DSST, and other tests, transfer credit for courses from other colleges and universities, certification programs, etc.

o Appropriate assignment of SOC Course Category Codes from the SOC Handbook Transferability Tables. The SOC Degree Program Handbooks can be obtained from the SOC web site at: www.soc.aascu.org should you wish to learn more about the course transfer guarantees among SOC network institutions.

IMPORTANT NOTE: When you are ready to seek admission into this degree program, please contact the USCG Institute at 1-405-954-7241. Your advisor will send the college or university an official U.S. Coast Guard Institute transcript, a copy of the degree plan, and a ready-for-signature SOC Student Agreement which, when signed by a college official, becomes a contract for degree completion committing the college or university to supporting you in your academic endeavors.

Credit for all courses you have taken must be reflected on official transcripts sent directly to this college from the administrative offices of the colleges you previously attended. This degree plan is often used for information purposes by college counselors pending receipt of the official transcripts from the source colleges.

This degree plan is not intended to compete with your local college or university. Keep in mind, you are allowed to transfer in a significant amount of the degree requirements to this institution. As such, credit from local colleges, college level examination programs, or advanced military training may be applied to this degree. You may also complete the courses necessary from this college either in residence (on campus or possibly on a military base at a campus extension in the Education Center) or through distance delivery of the courses. If you have questions, please contact the college counselor or your advisor listed at the bottom of this Degree Plan.

DEGREE PLAN LEGEND:

SH = Semester hours  
VOC = Vocational, not relative to an academic degree  
LL = Lower Level, i.e. courses at the Freshman/Sophomore level  
UL = Upper Level, i.e. courses at the Junior/Senior level  
GL = Graduate Level (sometimes recommended by ACE for very complex courses)  
[#] such as [EN024A] or [EN024B] = SOC Course Category Codes\*  
{#} such as {DANTES Code = 01.02.03} = DANTES Academic Codes \*\*

\* SOC Course Category Codes: Service members Opportunity Colleges (SOC) is a consortium of over 1,600 accredited colleges and universities seeking to provide degree opportunities to the military. Over 170 of these institutions participate in network degree programs developed for the Army, Navy, Marine Corps, and Coast Guard. A SOC course category number beside a course from one of these institutions, such as [EN024A] or [EN024B] for English Composition, indicates that courses from other degree program institutions with the same code may be taken to satisfy the degree requirement. See the SOC Degree Programs Handbooks at <http://www.soc.aascu.org/>

\*\* DANTES Academic Codes: The Defense Activity for Non-Traditional Education Support (DANTES) publishes the DANTES Independent Study Catalog (DISC) annually, which lists more than 6,000 courses from dozens of regionally accredited colleges and universities. Because this is a degree from a SOC affiliated college, the academic residency requirements are limited, thereby allowing students to transfer in a significant portion of the degree, as mentioned above. If the course you desire to take is not offered by this institution when you want to take it, consider the opportunities the courses in the DISC present. For more information, visit [http://www.dantes.doded.mil/dantes\\_web/distancelearning/disc/front/cont.htm](http://www.dantes.doded.mil/dantes_web/distancelearning/disc/front/cont.htm) Keep in mind, you should always check with the counselor or academic advisor at this institution before enrolling in a course listed in the DISC to ensure it will be accepted in transfer toward this degree.

#### Limestone College General Information:

Founded in 1845, their campus is a unique combination of history and progress, with about half of their campus buildings included on the National Register of Historic Places. In fact, two of their student residence halls are in renovated historic buildings -- and include Internet access and cable in each room.

Limestone College offers a wide variety of majors, plus special programs to ensure that their students develop intellectually. Limestone College offers the Bachelor of Arts, Bachelor of Science, and Associate of Arts degrees. Especially popular areas of concentration include business administration, physical education (particularly athletic training), elementary education, social work, psychology and counseling, music, art and computer science. Teacher certification is available in most academic majors. An honors program involving special courses, seminars, and lectures is available for exceptional students. Advanced placement and credit are given for scores of 3 or higher on the AP examinations. A Program for Alternative Learning Styles (PALS) is available for qualified students with certified learning disabilities.

What makes Limestone College's academic programs different from other college programs? For one thing, their strength is their size. Limestone College class

sizes an intimate environment, with a very low faculty to student ratio -- about 1:11. As a result, students receive individual attention and cultivate highly personal relationships with their professors. Their professors are not only personal, but also talented and knowledgeable. In fact, 80% of their faculty have terminal doctorate level degrees in their teaching areas.

Limestone College is committed to offering flexible alternatives to on-campus college education for students who have families or full-time jobs and are not able to attend traditional or non-traditional programs in their local area. That's why they offer courses through the Virtual Campus program over the Internet, so students may study at home or at work. The courses offered in the Virtual Campus program have the same content as those taught in traditional courses. The courses are offered over an eight-week period and are started six times a year.

The average cost for tuition per course is Tuition Virtual Campus: \$225 per semester hour (subject to change)  
\$675 per Course (3 semester hours) or \$870 per Course (4 semester hours)

For more information regarding this degree, please contact:

C. R. Horton  
Limestone College  
1115 College Drive  
Gaffney South Carolina 29340  
(864) 488-4586 or (800) 795-7151 x586  
E-mail: [chorton@limestone.edu](mailto:chorton@limestone.edu)  
<http://www.limestone.edu>

POLICY NOTES:

General Requirements:

- A minimum grade point average of 2.0.
- A minimum of 30-semester hours of upper division course work required for this degree.
- semester hours nontraditional or transfer credit may be applied to this degree.
- A grade of "D" is NOT accepted in transfer.

This college is rated as one of the nation's best in U.S. News & World Report's "America's Best Colleges" issue.

Evaluation completed by: Charles Morrison

On: 06 June 2007