**2+2 APPLICATION SOFTWARE DEVELOPMENT**

**Associate of Applied Science**

**In Partnership**

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|  | **SEMESTER 1**  |  |  |  |
| SFSE 1003  | Seminar in First-Year Student Experience  | 3 Credits | Semester Taken:  | Grade Earned: |
| MCIS 1005  | Microcomputer Applications  | 3 Credits | Semester Taken:  | Grade Earned: |
| ASDV 1205  | Information Technology Infrastructure  | 3 Credits | Semester Taken:  | Grade Earned: |
| ASDV 1220  | Programming Fundamentals  | 3 Credits | Semester Taken:  | Grade Earned: |
| ASDV 2115  | Networking Fundamentals  | 3 Credits | Semester Taken:  | Grade Earned: |
| ASDV XXXX  | Major Elective  | 3 Credits | Semester Taken:  | Grade Earned: |
|  | **CTS: Application Software Technician** **TOTAL SEMESTER CREDITS**  | **18** |  |  |
|  | **SEMESTER 2**  |  |  |  |
| ASDV 2420  | Advanced Programming Language I  | 3 Credits | Semester Taken:  | Grade Earned: |
| ASDV 1905  | Web Applications Development I  | 3 Credits | Semester Taken:  | Grade Earned: |
| ASDV XXXX  | Major Elective  | 3 Credits | Semester Taken:  | Grade Earned: |
| ENGL 1010 | Rhetoric and Composition | 3 Credits | Semester Taken:  | Grade Earned: |
| MATH 1105 | College Algebra | 3 Credits | Semester Taken:  | Grade Earned: |
|  | **see note 1 TOTAL SEMESTER CREDITS**  | **15** |  |  |
|  | **SEMESTER 3**  |  |  |  |
| ASDV 2520  | Data Structures and Algorithms  | 3 Credits | Semester Taken:  | Grade Earned: |
| ASDV 2620  | Web Applications Development II  | 3 Credits | Semester Taken:  | Grade Earned: |
| ASDV XXXX  | Major Elective - List Course: | 3 Credits | Semester Taken:  | Grade Earned: |
| Social/Behavioral Science see note 3 | List Course: | 3 Credits | Semester Taken:  | Grade Earned: |
|  | **see note 2 TOTAL SEMESTER CREDITS**  | **12** |  |  |
|  | **SEMESTER 4**  |  |  |  |
| ASDV 2700  | Mobile Computing for Android  | 3 Credits | Semester Taken:  | Grade Earned: |
| ASDV 2800  | Web Applications Development III  | 3 Credits | Semester Taken:  | Grade Earned: |
| ASDV XXXX  | Major Elective - List Course: | 3 Credits | Semester Taken:  | Grade Earned: |
| Humanities see note 4 | List Course: | 3 Credits | Semester Taken:  | Grade Earned: |
| Natural/Physical Science see note 5 | List Course: | 3 Credits | Semester Taken:  | Grade Earned: |
|  | **TOTAL**  | **15** |  |  |
| Associate of Applied Science - Application Software Specialist **TOTAL DEGREE CREDITS**  | **60** |  |  |

\* A 2+2 pathway offers students the opportunity to complete the first half of a bachelor’s degree program at SLCC. After earning an associate degree at SLCC, students seamlessly transfer to a partnering university to complete the second half of the chosen pathway, leading to their bachelor’s degree. South Louisiana Community College (SLCC) and the University of Louisiana Lafayette State (ULL) have agreed to allow students to complete the Associate of Applied Science Application Software Development at SLCC and transfer credit hours applied to the degree for partial fulfillment of degree requirements for the bachelor’s degree in Informatics at ULL. This degree plan is an academic planning resource to guide students on a 2+2 track in Application Software.

A grade of “C” or higher is required in all courses.

**NOTES:**

1 CTS: Java Application Developer is awarded after a student has earned a “C” or higher in the following courses: ASDV 1205, 1220, 1905, 2115, 2420 and an ASDV Elective.

2 CTS: Web Application Developer is awarded after a student has earned a “C” or higher in the following courses: ASDV 1205, 1220, 1905, 2420, 2520 and 2620.

3 Choose from Anthropology (ANTH), Criminal Justice (CJUS), Economics (ECON), Geography (GEOG), Political Science (POLI), Psychology (PSYC), or Sociology (SOCI).

4 Choose from History (HIST), English (ENGL 2XXX) except ENGL 2045 and 2070, or Communications (CMCN) except CMCN 1170, 1270, and 2145.

5 Choose from Biology (BIOL), Chemistry (CHEM), Environmental Science (ENSC), Geology (GEOL), Physical Science (PHSC), or Physics (PHYS).