**Computer Science Program of Los Medanos College**

**Checklist to receive a Certificate of Achievement in**

**Computer Applications Specialist**

**Name of Student:**

**Program begun in Semester/Year:**

**Anticipated completion in Semester/Year:**

***The following check list is for students graduating with a Certificate of Achievement.*** ***Please consult an LMC Counselor to determine additional requirements to Graduate with a Degree.***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course #**  | **Course Name**  | **Units**  | **Required Courses**  | **Status:** 🗸***if completed***  |
| COMSC 011 | Systems and Network Administration  | 3  | Required  |   |
| COMSC 030  | Web Site Development – Part 1  | 1.5  | Required  |   |
| COMSC 031  | Web Site Development – Part II  | 1.5  | Required  |   |
| COMSC 040  | Introduction to Computer and Business Information Systems | 4  | Required  |   |
| COMSC 060  | Information Technologies  | 4  | Required  |   |
| COMSC 061  | Advanced Microcomputer Applications  | 3  | Required  |   |
| COMSC 122 | Programming Concepts and Methodologies | 3  | Required  |   |
| **Check which programming course(s) you have completed:**  | **3**  | **Required**  |   |
| COMSC 041  | Programming with Visual Basic.NET (VB.NET) |   |   |   |
| COMSC 044  | Introduction to C++ Programming |   |   |   |
| COMSC 051  | Java for Programmers |   |   |   |
| **You need an additional 10 units from any of the remaining Computer Science courses. Choose courses from the following areas:**  | **10**  | **Required**  |   |
| A+ Certification  |   |   |   |
| Forensics  |   |   |   |
| Game Design  |   |   |   |
| Help Desk  |   |   |   |
| Networking / Security  |   |   |   |
| Programming Languages  |   |   |   |
| Web Site Development  |   |   |   |
| **You must also meet LMC’s competency requirements for English and Math:**  |   |
| ENGL 090 or higher\*  | Integrated Reading, Writing and Critical Thinking  | 5  | Reading and Writing Competency Requirement  |   |
| MATH 007 or higher\*  | Math for Occupational Education  | 3  | Math Competency Requirement  |   |

*\*May be successfully obtained through completion of coursework OR as determined by the LMC assessment process OR from another college.*

**Counselor/Program Advisor signature:**  **Date:**

**Student signature:**  **Date:**

Once you complete all of the above requirements, you should complete a graduation petition. The graduation petition can be obtained from the Admissions and Records office, or downloaded from [http://www.losmedanos.edu/graduation/.](http://www.losmedanos.edu/graduation/)