**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/)