

Student Name \_\_\_\_\_

High School or Vocational Center \_\_\_\_\_

**COMPETENCY RECORD FOR ARTICULATION**

**Baker College**

Please check below each skill the student has mastered as described, with a minimum of 80 percent accuracy, or with an A or B grade.

**INF111 Information Systems Theory**

<b>Task</b>	<b>Satisfactory</b>	<b>Unsatisfactory</b>
Define and understand the terminology and principles related to hardware used in computer information systems including:		
a) Types of input hardware		
b) Processor unit components including CPU and main memory		
c) Types of output hardware		
d) Types of auxiliary storage		
Define and understand the terminology and principles related to software used in computer information systems including:		
a) System programs		
b) Application programs		
c) Communication software, including Web browsers		
Define and understand the terminology and principles related to data and data storage in computer information systems including:		
a) Data hierarchy and organization, measurement of storage space (bit, byte, etc.) and coding and numbering systems (ASCII, binary, etc.)		
b) Parts of the CPU and the steps in the Machine Cycle		
c) Features of data storage including volatile and nonvolatile, memory addresses, and RAM vs. ROM		
Define and understand the terminology and principles related to the development of a computer information system including:		
a) Process of developing a system and "How to buy a computer"		

Task	Satisfactory	Unsatisfactory
b) Users and computer specialists involved in the creation and operation of computer information systems		
Define and understand the terminology and principles related to other computer information systems topics including:		
a) Data communications and networks		
b) History, generations and trends in the development of information processing systems		
c) Important issues such as ergonomics, security, productivity and integration of information processing systems		
Demonstrate the ability to use a computer at an introductory level to communicate via E-mail and to obtain basic information from the Internet.		

Teacher signature \_\_\_\_\_ Date \_\_\_\_\_