

Artificial Intelligence Certificate Non-Degree Program

Degree Requirements

The School of Computing is responding to its industry need for a skilled workforce in Artificial Intelligence.

Artificial Intelligence integrates many computing disciplines and specialty groups into a team effort forming a structured development process that advances development from production through operation and maintenance. Artificial Intelligence considers both the business and the technical needs of specialized customers with the goal of providing a quality product that meets the user needs.

The coursework will require successful completion of five baccalaureate level courses worth 3 credits each.

The five courses that will be required to attain this certificate are:

Artificial Intelligence Certificate Non-Degree Program	Course Title	Credit Hours
CSC 324 or CIS 324	Database Concepts Database Design	3 hrs
CSC 416	AI Theory and Programming	3 hrs
CSC 426	Data Mining	3 hrs
CSC 433	Advanced AI Theory and Programming	3 hrs
CSC 457	Data Warehousing	3 hrs

Department Information

Department of Computer Science Staff

Professor & Computer Science Chair

Dr. Todd Andel

Department of Computer Science website
<https://www.southalabama.edu/colleges/soc/computerscience>

Computer Science is a discipline that involves the understanding and design of computers and computational processes. In its most general form, it is concerned with the understanding of information transfer and transformation. Particular interest is placed on making processes efficient and endowing them with some form of intelligence. The discipline includes both advancing the fundamental understanding of algorithms and information processes in general, as well as the practical design of efficient, reliable software to meet given specifications. Courses offer students the opportunity to explore current trends in computing such as: cyber security, artificial intelligence, machine learning, big data, video game development, computer graphics and robotics.