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**CERTIFICATE PROGRAMS (CER)**  
(Not to Exceed 59 Hours)

**General Studies Courses**

- DPT 103 or CIS 130 or Higher (3)
- MAH 101 or MTH 100 (3)
- COM 100 or ENG 101 (3)
- SPC 100 or SPH 107 (3)

**Total General Studies Courses (12)****Field of Concentration Courses 30-47****Total Credits (42-59)**

- PSY 100 is a prerequisite for this degree.
- WorkKeys pre-assessment is required.

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**SHORT CERTIFICATE PROGRAMS (STC)**  
(Not to exceed 29Hours)

**General Studies Courses**

- DPT 103 or CIS 130 or Higher (3)
- MAH 101 or MTH 100
- COM 100 or ENG 101
- SPC 100 or SPH 107
- WKO 107

**Total General Studies Courses (6)****Field of Concentration Courses (18-20)****Total Credits 24-29**

- PSY 100 is a prerequisite for this certificate
- WorkKeys pre-assessment is required.

**Industry Certificates**

- Certified Novell Administrator (CNA)
- Certified Novell Engineer (CNE)
- Management and Supervision
- Microsoft Certified Solutions Developer
- Microsoft Certified Systems Engineer
- Microsoft Office Specialist
- Microsoft Certified Professional

**DR. CHARLES FOWLER, COORDINATOR****[cfowler@lawsonstate.edu](mailto:cfowler@lawsonstate.edu)****Phone:** 205- 929-3449**GENERAL EDUCATION**

General Education is designed to develop informed, creative and disciplined minds. It focuses on undergraduate studies and is structured around six goals. The goals emphasize the content areas of communication, literature, mathematics, natural science, social and behavioral science and business and information technologies. Exiting students are expected to matriculate to a four-year college majoring in a variety of degrees in the liberal arts or sciences.

**Student Learning Outcomes:**

1. General education students will demonstrate the ability to write and speak logically, clearly, precisely, and the ability, through accurate reading and listening, to acquire, organize, present and document information and ideas.
2. General education students will demonstrate an understanding of our cultural heritage as revealed in humanities and/or literature, its movements and traditions through reading, understanding, and analyzing the major works that have shaped our thinking and provide a record of human experiences.

3. General education students will demonstrate application of the methods of science to the acquisition of knowledge, and will demonstrate an understanding of the major contributions of science to our cultural heritage and to the solution of contemporary problems.

4. General education students will demonstrate the ability to use computers for acquiring, processing, and analyzing information.

5. General education students will demonstrate an understanding of cultural foundations to include the study of interrelationships of anthropological and geographical influences and the major historical and social developments, which define world cultures.

6. General education students will demonstrate the ability to use mathematics in solving problems, provide evidence of the ability to formulate problems, apply a variety of strategies to solve problems, solve problems, verify and interpret results, and generalize solutions.

**GENERAL EDUCATION PURPOSE**

The purpose of General Education at Lawson State Community College is the development of informed, creative and disciplined minds. General Education focuses on equipping students with various general skills and is structured around six goals with each course specifically aimed to address one goal. The goals emphasize the content areas of communication, literature, mathematics, natural science, social and behavioral science and business technologies.

In addition to addressing one of the six goals, each general education course is specifically designed to satisfy, to some degree nine criteria. These criteria represent general skills and perspectives that are applicable to all general education courses. Each course provides or enhances the following: a disciplinary mode of inquiry, creativity, consideration of the implications of knowledge, diverse perspectives, computer skills, written or oral communication skills, library research skills and an awareness of the relationship of that discipline to others. Course criteria are listed at the end of this document.

Students who seek degrees must fulfill each of the goals of the program. General Education provides a broad foundation of general knowledge for the more specialized upper division courses. The required courses help students toward the development of skills prerequisite for advanced studies. Students may choose among the core courses listed for each goal. Each of the courses listed under each goal has been specifically designed to address that goal. The total hours of core courses required for the General Education is listed below by degree type.

Associate in Arts and Associate in Sciences	—	35 hours
Associate in Applied Science	—	25 hours
Associate in Occupational Technologies	—	19 hours

**GENERAL EDUCATION GOALS**

**GOAL 1:** General education students will demonstrate the ability to write and speak logically, clearly, precisely, and the ability, through accurate reading and listening, to acquire, organize, present and document information and ideas.

ENG 101/3 Credits	—	English Composition I
ENG 102/3 Credits	—	English Composition II

Associate in Arts and Associate in Science	—	6 hours
Associate in Applied Science	—	6 hours
Associate in Occupational Technologies	—	3 hours

**GOAL 2:** General education students will demonstrate an understanding of our cultural heritage as revealed in humanities and/or literature, its movements and traditions through reading, understanding, and analyzing the major works that have shaped our thinking and provide a record of human experiences.

Associate in Arts and Associate in Science	—	9 hours
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ENG 251/3 Credits	—	American Literature I
ENG 252/3 Credits	—	American Literature II
ENG 261/3 Credits	—	English Literature I
ENG 262/3 Credits	—	English Literature II
ENG 271/3 Credits	—	World Literature I
ENG 272/3 Credits	—	World Literature II
SPH 107/3 Credits	—	Fund. of Public Speaking

Associate in Applied Science	—	6 hours
Associate in Occupational Technologies	—	6 hours

ART 100/3 Credits	—	Art Appreciation
SPA 101/4 Credits	—	Spanish I
HUM 101/3 Credits	—	Humanities I
MUS 101/3 Credits	—	Music Appreciation
SPH 107/3 Credits	—	Fund. of Public Speaking

**GOAL 3:** General education students will demonstrate application of the methods of science to the acquisition of knowledge, and will demonstrate an understanding of the major contributions of science to our cultural heritage and to the solution of contemporary problems.

Associate in Arts and Associate in Science	—	8 hours
Associate in Applied Science	—	4 hours
Associate in Occupational Technologies	—	4 hours

BIO 103/4 Credits	—	Principles of Biology I
BIO 104/4 Credits	—	Principles of Biology II
CHM 111/4 Credits	—	College Chemistry I
CHM 112/4 Credits	—	College Chemistry II
PHS 111/3 Credits	—	Physical Science I
PHS 112/3 Credits	—	Physical Science II
PHY 201/4 Credits	—	General Physics I
PHY 202/4 Credits	—	General Physics II
PED (2 Activity Courses)	—	Physical Education

**GOAL 4:** General education students will demonstrate the ability to use computers for acquiring, processing, and analyzing information.

CIS 130/3 Credits	—	Intro to Information Systems
CIS 146/3 Credits	—	Microcomputer Applications

**NOTE:** Nursing students may elect to take CIS 130 or CIS146 as an elective. However, this course is not required for the Associate in Applied Science for Nursing. Students in this program learn computer basics through laboratory experiences on campus and through the use of computers at local hospitals during the clinical process.

**GOAL 5:** General education students will demonstrate an understanding of cultural foundations to include the study of interrelationships of anthropological and geographical influences and the major historical and social developments, which define world cultures.

Associate in Arts and Associate in Science	—	6 hours
Associate in Applied Science	—	3 hours
Associate in Occupational Technologies	—	3 hours

ANT 101/3 Credits	—	Introduction to Anthropology
ECO 231/3 Credits	—	Principles of Macroeconomics
ECO 232/3 Credits	—	Principles of Microeconomics
GEO 101/3 Credits	—	Physical Geography
HIS 101/3 Credits	—	History of Western Civilization I
HIS 102/3 Credits	—	History of Western Civilization II
HIS 201/3 Credits	—	United States History I
HIS 202/3 Credits	—	United States History II
PHL 106/3 Credits	—	Introduction to Philosophy
PHL 206/3 Credits	—	Ethics and Society
PSY 200/3 Credits	—	General Psychology
PSY 230/3 Credits	—	Abnormal Psychology
PSY 260/3 Credits	—	Statistics for the Social Sciences
PSY 217/3 Credits	—	Psychology of Death and Dying
PSY 276/3 Credits	—	Human Relations
REL 100/3 Credits	—	World Religions
SOC 200/3 Credits	—	Introduction to Sociology
SOC 210/3 Credits	—	Social Problems
SWT 133/3 Credits	—	Geriatrics
SWT 109/3 Credits	—	Techniques of Behavior Modification

**GOAL 6:** General education students will demonstrate the ability to use mathematics in solving problems, provide evidence of the ability to formulate problems, apply a variety of strategies to solve problems, solve problems, verify and interpret results, and generalize solutions

MTH 110/3 Credits	—	Finite Mathematics
MTH 112/3 Credits	—	Pre-Calculus Algebra

**NOTE:** Students in the Nursing Program and the BSEP are required to take only MTH 100, Intermediate Algebra. Both programs have permission from the Department of Postsecondary Education for this requirement.

**The General Education Course Criteria are listed below.**

1. General Education courses should teach a disciplinary mode of inquiry (e.g., literary analysis, statistical analysis, historical interpretation, philosophical reasoning, aesthetic judgment, the scientific method) and provide students with practice in applying their disciplinary mode of inquiry, critical thinking or problem solving strategies.
2. General Education courses should introduce creativity as a process and present examples.
3. General Education considers questions of ethical values.
4. General Education courses should explore past, current, and future implications (e.g., social, political, economic, psychological or philosophical) of disciplinary knowledge.
5. General Education courses should encourage consideration of course content from diverse perspectives.
6. General Education courses should provide opportunities for students to use computers for word processing, database spreadsheets and graphics.
7. General Education courses should require at least one substantive written paper, oral report, or course journal. General Education courses should also require students to relay information on exams.
8. General Education courses should require specific assignments which necessitate use of library resources.
9. General Education courses should foster awareness of the common elements among disciplines and the interconnectedness of disciplines.