

Seminole State College

Degree Program Outcomes

March 2022

Contents

Associate in Arts and Associate in Science Programs

Associate in Science in Agriculture (234)	1
Associate in Arts in Art (201).....	4
Associate in Science in Biology (210).....	8
Associate in Science in Business (203)	11
Associate in Arts in Child Development (228).....	14
Associate in Science in Computer Science (226)	17
Associate in Science in Criminal Justice (225).....	20
Associate in Science in Elementary Education (204).....	23
Associate in Arts in Enterprise Development – General Studies (675).....	27
Associate in Science in Enterprise Development – Business Administration (676)	30
Associate in Science in Health, Physical Education and Recreation (206)	33
Associate in Science in Health Sciences (207)	36
Associate in Arts in Liberal Studies (205).....	39
Biology Emphasis	39
English Emphasis.....	40
Language Arts Emphasis	40
Mathematics Emphasis	40
Physical Sciences Emphasis	40
Speech Emphasis	41
Associate in Science in Pre-Engineering (214)	43
Associate in Science in Psychology (202).....	47
Associate in Science in Secondary Education (235).....	50
Biology Teacher Emphasis	50
Chemistry Teacher Emphasis	51
English Teacher Emphasis.....	51
History Teacher Emphasis	51
Mathematics Teacher Emphasis	51
Physics Teacher Emphasis.....	51
Associate in Arts in Social Sciences (215)	55
Government and History Emphasis	55
Sociology Emphasis.....	56

Certificate Programs

Certificate in Child Development (Mastery) (229).....	60
Certificate in Early College (232).....	60

Associate in Applied Science Programs

Associate in Applied Science in Applied Technology (875).....	63
Associate in Applied Science in Business Operations (114).....	63
Accounting Option.....	63
Administration Option	64
Office Information Technology	64
Associate in Applied Science in Engineering Technology (236).....	66
Associate in Applied Science in Medical Laboratory Technology(108).....	69
Associate in Applied Science in Nursing (110).....	72
Associate in Applied Science in Physical Therapist Assistant (233)	74

**Associate in Arts
and
Associate in Science
Programs**

Associate in Science in Agriculture Degree Program Outcomes

Proposed:

Adopted:

Program Code: 234

CIP Code: 01.0000

Degree Program Overview

The Associate in Science in Agriculture prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in a career related to agribusiness, communications, education and leadership; animal science, plant science, wildlife and natural resources, as well as pre-veterinarian careers and those associated with food science and engineering.

Degree Program Curriculum

The college requires 62-64 credit hours for this program of study. To earn the degree, students are required to successfully complete:

- 31 General Education Transfer Degree Requirement credit hours;
- 25 Major Field credit hours;
- 6-8 Major Field Electives

Major Field Requirements, 25 credit hours selected from the following:

- AGRI 1104 Introduction to Animal Science
- AGRI 1204 Introduction to Plant and Soil Science
- AGRI 2113 Agricultural Communications
- AGRI 2123 Agricultural Leadership
- BA 1203 Agricultural Economics
- BIOL 1114 General Biology **or** BIOL 1224 General Botany **or** BIOL 1234 General Zoology
- CHEM1114 Introduction to Chemistry

Major Field Electives and Support, 6 credit hours selected from the following:

- ACCT2033 Financial Accounting
- ACCT2123 Managerial Accounting
- AGRI 1303 Introduction to Wildlife and Natural Resource Management
- AGRI 1503 Introduction to Livestock Evaluation
- BA 2113 Macroeconomics
- BA 2213 Microeconomics
- BA 2253 Business Statistics
- BIOL 1224 General Botany
- BIOL 1234 General Zoology

BIOL 2113	Introduction to Nutrition
BIOL 2224	Microbiology
CAP 2603	Advanced Microsoft Access
CAP 2643	Advanced Microsoft Excel
CHEM1315	General Chemistry I
ENVS1114	Introduction to Environmental Science
GEOG1123	World Regional Geography
GOV 1303	State and Local Government
GOV 2013	Introduction to International Relations

General Education Relationship

Any of the major field life science courses (those with prefixes AGRI, BIOL, MICR, and ZOO) offered in the degree may fulfill the four-credit hour college-level life science requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Any of the major field physical science courses offered in the degree (those with prefixes CHEM) may fulfill the four-credit hour college-level physical science requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education physical science requirements. Physical Science is required in the General Education core curriculum.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate of Science in Agriculture ()

Outcome 3: Interpret agricultural and related concepts foundational to advanced courses in Agriculture. Advanced courses shall be defined as courses commonly considered Junior and Senior level at baccalaureate degree granting institutions.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Understand practical and functional aspects of today's technical society. This understanding insures graduates literacy in the biological and physical sciences, mathematical and computational skills, and computer and program operations.
- b. Compile a foundation of agricultural science information to support and facilitate the understanding of agricultural concepts.

Outcome 4: Design a plan for continued pursuit of an Agriculture education leading to a baccalaureate or professional degree in a branch of the Agriculture.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Appreciate knowledge, life-long learning, and practical applications in Agriculture.

- b. Perform and interpret laboratory exercises using appropriate techniques, equipment, technology, and data analysis.
- c. Develop personal growth, leadership, and career skills and an understanding of these beyond the boundaries of Agriculture.

Associate in Arts in Art Degree Program Outcomes

Proposed: 1/31/05
Adopted: 1/31/05

Program Code: 201
CIP Code: 500799

Degree Program Overview

The Associate in Arts in Art prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for a student whose has interest in a career as an art teacher, graphic designer, artist, interior designer, art museum curator or computer game designer.

Degree Program Curriculum

The college requires 63 credit hours for this program of study. To earn the degree, students are required to successfully complete:

- 39 General Education Transfer Degree Requirement credit hours;
- 18 Major Field credit hours;
- 6 Major Field Electives

Major Field Requirements, 18 credit hours selected from the following:

ART 1103	Fundamentals of Art I
ART 1133	Fundamentals of Art II
ART 1153	Art History Survey I
ART 1163	Art History Survey II
ART 1123	Drawing I
ART 1143	Drawing II
ART 1173	Crafts I
ART 1203	Art Appreciation
ART 2123	Ceramics I
ART 2293	Ceramics II
ART 2273	Graphic Design I
ART 2213	Watercolor I
ART 2223	Watercolor II
ART 2233	Painting I
ART 2243	Painting II
ART 2323	Global Studies in Art
ART 2713	Printmaking I

Major Field Electives and Support, 6 credit hours selected from the following:

ART 1223	Black and White Photography I
ART 2203	Black and White Photography II

ART 2301-3 Special Topics in Art
JOUR 1223 Photography I
JOUR 2203 Photography II
SPCH 2243 Oral Interpretation

General Education Relationship

Courses offered as part of the degree, separate from those that fulfill General Education requirements, are extensions of basic courses within the Art department. In this context, the higher-level courses allow students to build their skills and knowledge base for four-year degrees. Also, these courses are offered so students who transfer with a major in any area of the fine arts will be properly prepared to enter at the junior level a four-year institution.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

The Division affirms its commitment to the Mission Statement. The Division also wishes to note that all of the courses within the degree and the teaching of the course material support the college's primary function written in the Mission Statement. While the college may have a multifaceted Mission Statement, the college's primary mission is and must always be to educate students. Thus, the Divisions focuses its energies, and hopes the college in general will always focus its energies, on keeping teaching at the center of its efforts. The Division encourages all to support that part of the mission that promotes students learning and suggest that it be the guide for course additions and areas where monetary and physical improvements are made.

Outcomes for Transfer Degree Programs

Degree Program Outcomes and Indicators

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

**Outcomes Specific to the
Associate in Arts in Art**

Due to the dual nature of the fine arts curricula, measurable indicators are split between creative works and writing activities.

Outcome 3: Demonstrate an ability to produce higher-level creative works. Higher-level creativity applies to advanced courses in drawing, painting, watercolor, and ceramics.

Measurable Indicators

- a. apply critical-thinking skills to higher-level assignments in art
- b. study and research advanced techniques in creating visual works
- c. submit works for evaluation

Outcome 4: Demonstrate critical-thinking skills for higher-level academic writing in art. Higher-level writing skills apply to art courses such as Art History Survey I, Art History Survey II, Art Appreciation, and Global Studies.

Measurable Indicators

- a. analyze and research an issue
- b. evaluate information
- c. apply appropriate writing and research techniques
- d. edit written materials
- e. submit the writing for evaluation

Associate in Science in Biology Degree Program Outcomes

Proposed: 1/31/05
Adopted:

Program Code: 210
CIP Code: 269999

Degree Program Overview

The Associate in Science in Biology (210) prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in a career as a Science Teacher, Wildlife Biologist, Water Quality Technician, Coroner, Laboratory Technician, or Marine Biologist.

Degree Program Curriculum

There are 63 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- 34 General Education Transfer Degree Requirement credit hours;
- 21 Major Field credit hours;
- 8 Elective credit hours;

Major Field courses in the degree program are typically taught by faculty whose primary assignments are General Education core curriculum instruction.

Major Field Requirements, 21 credit hours selected from the following:

BIOL 1214 Principles of Biology
BIOL 1224 General Botany **or** BIOL 1234 General Zoology
BIOL 2224 Microbiology
CHEM1315 General Chemistry I
PHYS 2114 General Physics I

Major Field Electives and Support, 8 credit hours selected from the following:

BIOL 1224 General Botany
BIOL 1234 General Zoology
BIOL 2113 Introduction to Nutrition
BIOL 2114 Human Anatomy
BIOL 2214 Human Physiology
BIOL 2301-3 Special Projects in Biology
CHEM1114 Introduction to Chemistry
CHEM1515 General Chemistry II
PHYS 2224 General Physics II
MATH2213 Calculus for Business and Biology
AGRI 1104 Introduction to Animal Science
AGRI 1204 Introduction to Plant and Soil Science

ENVS1114 Introduction to Environmental Science

General Education Relationship

Any of the major field life science courses (those with prefixes ANAT, BIOL, MICR, and ZOO) offered in the degree may fulfill the four-credit hour college-level life science requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Any of the major field physical science courses offered in the degree (those with prefixes CHEM and PHYS) may fulfill the four-credit hour college-level physical science requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education life science and physical science requirements. Life Science and Physical Science are required in the General Education core curriculum.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes**Outcomes for Transfer Degree Programs**

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- c. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- d. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- e. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- f. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- g. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- h. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate of Science in Biology (210)

Outcome 3: Demonstrate a grasp of biological and related concepts foundational to advanced courses in Biology. Advanced courses shall be defined as courses commonly considered Junior and Senior level at baccalaureate degree granting institutions.

Measurable Indicators

Assessment data demonstrating students' ability to:

- c. Recognize the historical development and importance of key biological concepts.
- d. Define and apply scientific methodology to biological concepts.
- e. Compile a foundation of biological science information to support and facilitate the understanding of biological concepts.

Outcome 4: Demonstrate preparation for continued pursuit of Biology education leading to a baccalaureate or professional degree in a branch of the Life Sciences.

Measurable Indicators

Assessment data demonstrating students' ability to:

- d. Use appropriate terminology in discussing biological concepts.
- e. Perform and interpret laboratory exercises using appropriate techniques, equipment, technology, and data analysis.
- f. Apply critical thinking.

Associate in Science in Business Degree Program Outcomes

Proposed: 2/1/05
Adopted:

Program Code: 203
CIP Code: 520101

Degree Program Overview

The Associate in Science in Business (203) prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in careers in Accounting, Economics, Finance, Management, Marketing, and Small Business Management

Degree Program Curriculum

There are 63 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- 39 General Education Transfer Degree Requirement credit hours;
- 15 Major Field credit hours;
- 9 Major Field Elective credit hours;

Major Field courses in the degree program are taught by faculty whose primary assignments are Business and Accounting Instruction.

Major Field Requirements, 15 credit hours selected from the following:

ACCT2033	Financial Accounting
ACCT2123	Managerial Accounting
BA 2113	Macroeconomics
BA 2213	Microeconomics
BA 2253	Business Statistics

Major Field Electives and Support, 9 credit hours selected from the following:

ACCT1413	Introduction to Accounting
BA 1123	Introduction to Business
BA 1223	Introduction to Economics
BA 1323	Global Studies in International Business
BA 1733	Business Mathematics
BA 2123	Small Business Management
BA 2133	Human Relations
BA 2233	Business Communications
BA 2243	Personal Finance
BA 2301-3	Special Projects in Business Administration
BA 2403	Business Management
BA 2423	Business Ethics
BA 2513	Marketing

BA	2903	Internship in Business
CS	1183	Information Security
CS	2003	Webpage Design Using HTML
CS	2173	Operating Systems
MATH2213		Calculus for Business & Biology (recommended)

General Education Relationship

Any of the major field courses offered in the degree may fulfill the three-credit hour required electives in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education Requirements.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.

- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate in Science in Business (203)

Outcome 3: Demonstrate problem-solving skills related to the world of business.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Analyze a problem or case
- b. Identify steps necessary for problem solving,
- c. Apply the steps identified for solution,
- d. Validate the results,
- e. Report the results in an understandable and timely manner

Outcome 4: Demonstrate preparation for continued pursuit of courses leading to a baccalaureate degree in business.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Interpret and manipulate data,
- b. Use appropriate technology to assist with problem-solving,
- c. Apply critical thinking to real-world scenarios

Associate in Arts in Child Development Degree Program Outcomes

Proposed: 2/1/05
Adopted:

Program Code: 228
CIP Code: 200102

Degree Program Overview

The Associate in Arts in Child Development (228) prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in careers as a Head Start Teacher, Child Care Teacher or Director, Nanny, Elementary Teacher, Early Intervention/Special Needs Provider, and teacher's aide.

Degree Program Curriculum

There are 61 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- 37 General Education Transfer Degree Requirement credit hours;
- 21 Major Field credit hours;
- 3 Major Field Elective credit hours;

Qualified Faculty teaches courses in the Child Development degree program.

Major Field Requirements, 21 credit hours selected from the following:

CD 1103	Child Development	or	PSY 1103	Child Psychology
CD 1123	Introduction to Early Childhood Education			
CD 1223	Behavior and Guidance of Young Children			
CD 2113	Program and Curriculum Planning for Early Childhood			
CD 2123	Health, Safety, and Nutrition for Children			
CD 2143	Family and Community Relationships			
CD 2333	Field Experience			

Major Field Electives and Support, 3 credit hours selected from the following:

Select from the following or choose an elective approved by the division:

CD 2163	Administration of Early Childhood Programs
CD 2393	Daily Programming for Infants and Toddlers

General Education Relationship

Child Development courses are designed to prepare students to enter or eventually enter the careers listed above. These specialized courses are designed to enhance the student's education beyond General Education core curriculum courses. Child Development

courses are not listed as core curriculum, but may be taken as course electives for students seeking other degrees. Institutional resources are utilized to employ qualified faculty to provide Early Child Development instruction.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate in Arts in Child Development

Outcome 3: Demonstrate problem-solving skills and critical thinking in the areas of child development, parent and community involvement, and professional ethics within an artful and research-based practice of early child care and education.

Measurable Indicators

- a. Apply concepts and theories
- b. Analyze a problem
- c. Create solutions
- d. Communicate concepts learned

Associate in Science in Computer Science Degree Program Outcomes

Proposed: 2/1/05
Adopted:

Program Code: 226
CIP Code: 110701

Degree Program Overview

The Associate in Science in Computer Science (226) prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in careers in Computer Engineering, Applications Programmer, Risk Analyst, Data Processing Manager, or Computer Scientist.

Degree Program Curriculum

There are 63 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- 42 General Education Transfer Degree Requirement credit hours;
- 15 Major Field credit hours;
- 6 Major Field Elective credit hours;

Major Field courses in the degree program are taught by faculty whose primary assignments are Science, Technology, Engineering or Mathematics.

Major Field Requirements, 15 credit hours selected from the following:

CAP	2603	Advanced Microsoft Access
CS	1183	Information Security
CS	1313	Programming in Java
CS	2013	Programming in C++
CS	2023	Programming in C++ II

Major Field Electives and Support, 6 credit hours selected from the following:

ACCT	2003	Financial Accounting
CS	1003	Elementary Computer Literacy
CAP	2643	Advanced Microsoft Excel
BA	2113	Macroeconomics
BA	2253	Business Statistics
CS	1113	Programming in Visual Basic
CS	1173	Hardware System Support
CS	2003	Webpage Design Using HTML
CS	2173	Operating Systems
CS	2301-3	Special Projects in Computer Science
ENGR	1113	Introduction to Engineering
MATH	1613	Plane Trigonometry

- MATH2215 Calculus and Analytic Geometry I
- MATH2424 Calculus and Analytic Geometry II
- MATH2434 Calculus and Analytic Geometry III

General Education Relationship

Any of the major field courses offered in the degree may fulfill the three-credit hour required electives in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education Requirements.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.

- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate in Science in Computer Science (226)

Outcome 3: Demonstrate problem-solving skills related to the world of information systems.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Analyze a problem or case
- b. Identify steps necessary for problem solving,
- c. Apply the steps identified for solution,
- d. Validate the results,
- e. Report the results in an understandable and timely manner

Outcome 4: Demonstrate preparation for continued pursuit of courses leading to a baccalaureate degree in Information Systems.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Interpret and manipulate data,
- b. Use appropriate technology to assist with problem-solving,
- c. Apply critical thinking to real-world scenarios

Associate in Science in Criminal Justice Degree Program Outcomes

Proposed: February 4, 2005

Adopted:

Program Code: 225

CIP Code: 430103

Degree Program Overview

The Associate degree in Criminal Justice prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those students ultimately interested in the following careers: police officer, corrections officer, FBI agent, U.S. Marshal, Border patrol officer and for other criminal justice related professions in general.

Degree Program Curriculum

There are 63 credit hours required in the program of study. To earn the Associate in Science degree, students are required to successfully complete:

- 39 General Education Transfer Degree Requirement credit hours;
- 15 Major Field credit hours;
- 9 Elective credit hours;

Major Field courses in the degree program are typically taught by faculty whose primary assignments are Criminal Justice core curriculum instruction.

Major Field Requirements, 15 credit hours selected from the following:

CJ	1103	Introduction to Criminology
CJ	1123	Introduction to Criminal Justice Systems
CJ	1143	Introduction to Law Enforcement
CJ	2203	Rules of Evidence
CJ	2243	Fundamentals of Criminal Investigation

Major Field Electives and Support, 9 credit hours selected from the following:

CJ	1233	Adult Correctional Systems
CJ	2353	Juvenile Justice Procedures
CJ	2303	Special Projects in Criminal Justice
MATH	1503	Elementary Statistics
PSY	1113	General Psychology
PSY	1123	Psychology of Adjustment
PSY	2013	Personality Theories
PSY	2023	Developmental Psychology
PSY	2053	Social Psychology
PSY	1103	Child Psychology
SOC	1113	Introduction to Sociology

SOC 2153 Crime, Delinquency, and Social Science
Issues through Film

General Education Relationship

Criminal Justice courses are not included in the general education core curriculum, however all courses will meet degree requirements of the Associates in Science in Criminal Justice Degree. The Criminal Justice degree is two fold in that it will transfer to institutions of higher learning or will prepare students to enter into the profession of Criminal Justice. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling Criminal Justice degree requirements.

Mission Centrality

This degree program is consistent with the College mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix or inclusion in the baccalaureate degree curriculum not yet on the Matrix. (e.g., education, counseling, etc.).

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning.

- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning as available.
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate in Science in Criminal Justice

Outcome 3: Students will demonstrate knowledge, skills, and values consistent with the science and application of criminal justice.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Analyze the knowledge base and trends
- b. Apply research methods, concepts and principles
- c. Demonstrate an understanding of the values and ethics of criminal justice

Outcome 4: Students will display the knowledge, skills and values consistent with curriculum developed for criminal justice.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Display technological literacy
- b. Communicate effectively in a variety of formats
- c. Recognize and respect the historical perspective and complexity of the criminal justice system

Associate in Science in Elementary Education Degree Program Outcomes

Proposed: 1/31/05

Adopted: 1/31/05

Program Code: 204
CIP Code: 131202

Degree Program Overview

The Associate in Science in Elementary Education prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for a student interested in a career as an elementary education teacher or an elementary education administrator.

Degree Program Curriculum

The college requires 61 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 28 General Education Transfer Degree Requirement credit hours;
- * 30 Major Field credit hours;
- * 3 Major Field Elective credit hours

Full-time and adjunct faculty teach courses needed for completion of the degree. The faculty possess degrees in appropriate disciplines with all of the full-time and many of the adjunct instructors having master's degrees. Major field courses in the degree program are typically taught by full-time and adjunct faculty whose primary assignments are the General Education core curriculum instruction. The few adjuncts who are hired without master's degrees are hired due to their special skills and experience in specific areas.

Major Field Requirements, 30 credit hours selected from the following:

- BIOL 1114 General Biology
- ENG 2433 World Literature I
- GEOG1123 World Regional Geography
- MATH2113 Mathematics Concepts for Educators I
- MATH2123 Mathematics Concepts for Educators II
- MATH2133 Mathematics Concepts for Educators III
- PHYS 1114 General Physical Science
- PHYS 1214 Earth Science
- PSY 1113 General Psychology

Major Field Electives and Support, 3 credit hours selected from the following:

- ASL 2343 Sign Language I
- ASL 2353 Sign Language II
- CD 1123 Early Childhood Education
- FREN 1125 French I
- PSY 1103 Child Psychology

PSY 2023	Developmental Psychology
SPAN1125	Spanish I
SPCH2243	Oral Interpretation
SPCH2203	Small Group Communication

Major Field Requirements at East Central University, 5 credit hours selected from the following:

EDUC2012	Foundations of Education
EDUC2211	Field Experience
EDUC2402	Survey of Exceptional Children

All of the above courses can be used to fulfill the 4 X 12 requirements for elementary education.

General Education Relationship

Courses offered as part of the degree, separate from those that can be used to fulfill General Education requirements, are for the most part, extensions of basic courses. In this context the courses allow the student to build their skills and knowledge base for their four-year degrees and to meet requirements such as 4 X 12. Courses that are not offered as an extension of a General Education core (some history courses, art, Spanish, psychology, etc.) represent courses needed to fully prepare the transfer student for the elementary major at a four-year institution.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

**Outcomes Specific to the
Associate in Arts in Elementary Education**

Due to the wide range of courses that are required or will help the elementary education major, and due to the variety of areas such majors can be certified, the Outcomes listed below are general in nature. However they focus on higher level skills that are developed by taking more advanced courses. Students majoring in Elementary Education will receive information concerning the state of Oklahoma's 4 X 12 requirements for Elementary Education majors. The following Outcomes are related to the four, 4 X 12 academic areas.

Outcome 3: Demonstrate critical-thinking skills required for higher level communication. Higher level communication skills apply to advanced courses in American Sign Language, art, English, foreign language, humanities, journalism, music, photography, speech, and theater. Courses in this area can be used to fulfill 4 X 12 requirements or they can aid the student in obtaining area certifications.

Measurable Indicators

- a. Analyze and research an issue
- b. Evaluate existing information
- c. Apply appropriate writing and/or researching techniques
- d. Edit material
- e. Evaluation

Outcome 4: Demonstrate an ability to understand and interpret at a higher level, concepts and issues related to the social **sciences**. Courses in this area can be used to fulfill 4 X 12 requirements.

Measurable Indicators

- a. Develop the ability to analyze issues in the social sciences
- b. Develop at a higher level the ability to interpret and manipulate data
- c. Apply appropriate writing and/or research techniques
- d. Apply higher level critical thinking skills to social science issues

Outcome 5: Demonstrate continued pursuit of problem-solving skills and knowledge for advanced courses in the sciences. Courses in this area can be used to fulfill 4 X 12 requirements.

Measurable Indicators

- a. Develop the ability to analyze science information and/or problems
- b. Develop at a higher level the ability to interpret and manipulate data
- c. Apply higher level critical thinking skills to science information and/or problems
- d. Apply a higher level problem-solving approach to scientific information

Outcome 6: Outcome 5: Continue to develop problem-solving skills needed for advanced courses in mathematics. Courses in this area can be used to fulfill 4 X 12 requirements.

Measurable Indicators

- a. Develop the ability to analyze and solve higher level mathematical problems
- b. Apply higher level critical thinking skills to math

Associate in Art in Enterprise Development – General Studies Degree Program Outcomes

Proposed: 2/1/05
Adopted:

Program Code: 675
CIP Code: 309999

Degree Program Overview

The Associate in Art in Enterprise Development – General Studies (675) prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in careers in Accounting, Economics, Finance, Management, Marketing, and Small Business Management

Degree Program Curriculum

There are 60 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 37 General Education Transfer Degree Requirement credit hours;
- * 23 Major Field credit hours;

Major Field courses in all transfer degree programs are typically taught by faculty whose primary assignments are General Education core curriculum instruction.

Major Field Requirements, 23 credit hours selected from the following:

Select from student's field of interest

General Education Relationship

Any of the major field courses offered in the degree may fulfill the three-credit hour required electives in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education Requirements.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- c. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- d. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- e. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- f. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- g. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- h. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

**Outcomes Specific to Associate in Art in Enterprise Development –
General Studies (675)**

Outcome 3: Demonstrate problem-solving skills.

Measurable Indicators

Assessment data demonstrating students' ability to:

- f. Analyze a problem or case
- g. Identify steps necessary for problem solving,
- h. Apply the steps identified for solution,
- i. Validate the results,
- j. Report the results in an understandable and timely manner

Outcome 4: Demonstrate preparation for continued pursuit of courses leading to a baccalaureate degree.

Measurable Indicators

Assessment data demonstrating students' ability to:

- d. Interpret and manipulate data,
- e. Use appropriate technology to assist with problem-solving,
- f. Apply critical thinking to real-world scenarios

Associate in Science in Enterprise Development – Business Administration Degree Program Outcomes

Proposed: 2/1/05

Adopted:

Program Code: 676

CIP Code: 309999

Degree Program Overview

The Associate in Science in Enterprise Development – Business Administration (676) prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in careers in Accounting, Economics, Finance, Management, Marketing, and Small Business Management

Degree Program Curriculum

There are 63 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 39 General Education Transfer Degree Requirement credit hours;
- * 23 Major Field credit hours;

Major Field courses in the degree program are taught by faculty whose primary assignments are Business and Accounting Instruction.

Major Field Requirements, 15 credit hours selected from the following:

ACCT2033	Financial Accounting
ACCT2123	Managerial Accounting
BA 1121	Seminar in Business Management I
BA 1221	Seminar in Business Management II
BA 2113	Macroeconomics
BA 2132	Internship
BA 2213	Microeconomics
BA 2253	Business Statistics
BA 2421	Seminar in Business Management III
BA 2513	Marketing

General Education Relationship

Any of the major field courses offered in the degree may fulfill the three-credit hour required electives in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education Requirements.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- e. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- f. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- i. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- j. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- k. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- l. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate in Science in Enterprise Development – Business Administration (676)

Outcome 3: Demonstrate problem-solving skills related to the world of business.

Measurable Indicators

Assessment data demonstrating students' ability to:

- k. Analyze a problem or case
- l. Identify steps necessary for problem solving,
- m. Apply the steps identified for solution,
- n. Validate the results,
- o. Report the results in an understandable and timely manner

Outcome 4: Demonstrate preparation for continued pursuit of courses leading to a baccalaureate degree in business.

Measurable Indicators

Assessment data demonstrating students' ability to:

- g. Interpret and manipulate data,
- h. Use appropriate technology to assist with problem-solving,
- i. Apply critical thinking to real-world scenarios

Associate in Science in Health, Physical Education and Recreation Degree Program Outcomes

Proposed: 1/31/05
Adopted:

Program Code: 206
CIP Code: 131314

Degree Program Overview

The Associate in Science in Health, Physical Education and Recreation (206) prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in careers in directing recreational activities, teaching physical education, athletic training or coaching.

Degree Program Curriculum

There are 63 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 36 General Education Transfer Degree Requirement credit hours;
- * 16 Major Field credit hours;
- * 10 Major Field Elective credit hours;

Major Field courses in the degree program are taught by faculty whose teaching assignments include both degree-specific courses and general education courses.

Major Field Requirements, 16 credit hours selected from the following:

- HPER 1012 Wellness and Human Development
- HPER 1953 Introduction to Health, Physical Education and Recreation
- HPER 2222 First Aid and CPR
- HPER 2223 Care and Prevention of Athletic Injuries
- HPER 2413 Applied Anatomy
- PSY 1113 General Psychology

Major Field Electives and Support*, 10 credit hours selected from the following:

- BIOL 2113 Introduction to Nutrition
- HPER 2053 Sociology of Sport
- HPER 2111 Lifesaving Training
- HPER 2132 Officiating Rules and Procedures
- HPER 2262 Theory of Coaching
- HPER 2301-3 Special Projects in HPER

* Up to 2 credit hours from HPER activity courses may be applied to Major Field Electives and Support.

General Education Relationship

Activity courses listed as possibly taken for General Education requirements are courses that may be repeated for a maximum of two hours of credit toward a degree. One hour of the course may be taken in completion of the General Education core curriculum and one hour of the course may be utilized as part of the major field requirement. A one-hour activity course is required as part of the General Education curriculum.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available

- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate in Science in Health, Physical Education and Recreation (206)

Outcome 3: Demonstrate knowledge of current issues and historical context in regard to the fields of health and/or sports administration and/or physical education.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Understand the historical and current social context of sport and physical education.
- b. Analyze the impact of techniques and actions fundamental to sports administration and physical education.

Outcome 4: Demonstrate preparation for further study of sport and physical education in specific areas of expertise.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Retain knowledge regarding specific techniques applicable to individual fields of expertise.
- b. Communicate techniques to promote physical or mental preparation for physical exercise or sport participation.
- c. Communicate application of techniques as solutions to problems in the field.

Associate in Science in Health Sciences Degree Program Outcomes

Proposed: 1/31/05

Adopted:

Program Code: 207

CIP Code: 269999

Degree Program Overview

The Associate in Science in Health Sciences (Pre-Nursing) (207) prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in careers in Radiography, Physical Therapy, Nursing, Pharmacy, Nuclear Medicine, or in careers as a Physician or Nutritionist.

Degree Program Curriculum

There are 63-64 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 31 General Education Transfer Degree Requirement credit hours;
- * 23-24 Major Field credit hours;
- * 9 Major Field Elective credit hours;

Major Field courses in the degree program are typically taught by faculty whose primary assignments are General Education core curriculum instruction.

Major Field Requirements, 23-24 credit hours selected from the following:

BIOL 1214 Principles of Biology or BIOL 1234 General Zoology
 BIOL 2114 Human Anatomy
 BIOL 2214 Human Physiology
 BIOL 2224 Microbiology
 CHEM1114 Intro. to Chemistry or CHEM 1315 General Chemistry I
 PSY 1113 General Psychology

Major Field Electives and Support, 9 credit hours selected from the following:

BIOL 2113 Introduction to Nutrition
 CHEM1114 Introduction to Chemistry
 MLT 1402 MLT Orientation
 NURS1104 Pre-Nursing
 NURS2443 Medical Terminology
 PSY 2023 Developmental Psychology
 PSY 2053 Social Psychology
 SOC 1113 Introduction to Sociology

General Education Relationship

Any of the major field mathematics courses offered in the degree may fulfill the three-credit hour college-level mathematics requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Any of the major field life science courses offered in the degree may fulfill the four-credit hour college-level life science requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Any of the major field physical science courses offered in the degree (those with prefixes CHEM and PHYS) may fulfill the four-credit hour college-level physical science requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education mathematics, life science, and physical science requirements. Mathematics, life science, and physical science are required in the General Education core curriculum.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state and professional institutions of higher learning granting professional and baccalaureate degrees in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate of Science in Health Related (207)

Outcome 3: Demonstrate a grasp of biological and related concepts foundational to advanced courses in Health Related sciences. Advanced courses shall be defined as courses commonly considered Junior and Senior level at baccalaureate or professional degree granting institutions.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Recognize the historical development and importance of key biological and physical sciences concepts.
- b. Define and apply scientific methodology to biological and physical science concepts.
- c. Compile a foundation of biological and physical science information to support and facilitate the understanding of Health Related concepts.

Outcome 4: Demonstrate preparation for continued pursuit of Health Related education leading to a baccalaureate or professional degree in a branch of the Health Related Sciences.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Use appropriate terminology in discussing biological and physical science concepts.
- b. Perform and interpret laboratory exercises using appropriate techniques, equipment, technology, and data analysis.
- c. Apply critical thinking.

Associate in Arts in Liberal Studies Degree Program Outcomes

Proposed: 1/31/05
Adopted:

Program Code: 205
CIP Code: 240102

Degree Program Overview

The Associate in Arts in Liberal Studies (205) prepares students for transfer to a baccalaureate degree granting institution. It is intended for persons who are not certain of their major field and have not completed any Career Exploration.

Degree Program Curriculum

There are 63 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 41 General Education Transfer Degree Requirement credit hours;
- * 21 Major Field credit hours;

Major Field courses in all transfer degree programs are typically taught by faculty whose primary assignments are General Education core curriculum instruction.

Major Field recommended credit hours:

Students are encouraged to take one or more courses in an area in which they have an interest and/or aptitude. They should seek assistance from academic counselors to determine the most appropriate course of study and to insure transferability of selected courses.

Major Field Electives, 21credit hours selected from the following:

Biology Emphasis

BIOL 1214	Principles of Biology
BIOL 1224	General Botany
BIOL 1234	General Zoology
BIOL 2224	Microbiology
BIOL 2113	Introduction to Nutrition
BIOL 2114	Human Anatomy
BIOL 2214	Human Physiology
CHEM1315	General Chemistry I
CHEM1515	General Chemistry II
ENVS1114	Introduction to Environmental Science
PHYS 2114	General Physics I
PHYS 2224	General Physics II
MATH2213	Calculus for Business and Biology

English Emphasis:

ENG 1313	Technical Report Writing
ENG 1803	Native American Literature
ENG 2103	Fiction Writing
ENG 2113	Creative Writing
ENG 2123	Introduction to Poetry
ENG 2413	Introduction to Literature
ENG 2433	World Literature I
ENG 2543	British Literature I
ENG 2653	British Literature II
ENG 2753	American Literature I
ENG 2883	American Literature II

Language Arts Emphasis:

ENG 1313	Technical Report Writing
ENG 1803	Native American Literature
ENG 2103	Fiction Writing
ENG 2113	Creative Writing
ENG 2123	Introduction to Poetry
ENG 2413	Introduction to Literature
ENG 2433	World Literature I
ENG 2543	British Literature I
ENG 2653	British Literature II
ENG 2753	American Literature I
ENG 2883	American Literature II
SPCH 1523	Introduction to Theatre
SPCH 2203	Small Group Communication
SPCH 2243	Oral Interpretation
SPCH 2253	Argumentation and Debate

Mathematics Emphasis:

MATH1413	Quantitative Reasoning
MATH1503	Elementary Statistics
MATH1513	Pre-Calculus for Eng-Phys-CS
MATH1523	Pre-Calculus for Bus-Biol
MATH1613	Plane Trigonometry
MATH2215	Calculus and Analytic Geometry I
MATH2424	Calculus and Analytic Geometry II
MATH2434	Calculus and Analytic Geometry III
MATH2533	Differential Equations

Physical Sciences Emphasis:

CHEM1114	Introduction to Chemistry
CHEM1315	General Chemistry I
CHEM1515	General Chemistry II
MATH2215	Calculus and Analytic Geometry I
PHYS 2114	General Physics I
PHYS 2211	Calculus Based Physics I
PHYS 2224	General Physics II

PHYS 2231 Calculus Based Physics II

Speech Emphasis:

(Select from these recommendations and other electives to meet 21 credit hour requirement. Selecting entirely from the area of emphasis is recommended but not required.)

- SPCH 1523 Introduction to Theatre
- SPCH 2203 Small Group Communication
- SPCH 2243 Oral Interpretation
- SPCH 2253 Argumentation and Debate

General Education Relationship

Any of the major field courses offered in transfer degree programs may fulfill requirements in the General Education core curriculum. To verify which courses will fulfill those requirements, students should seek assistance from academic counselors.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is

defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate in Arts in Liberal Studies (205)

Outcome 3: Demonstrate problem-solving skills foundational to higher order social science, language arts, humanities, mathematics, sciences, and wellness/human development. Higher order applies to advanced courses in each of the transfer degree programs.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Analyze an issue or problem,
- b. Evaluate existing information,
- c. Apply appropriate techniques and/or technology to resolve the issue or problem,
- d. Evaluate the results,
- e. Communicate the results in an understandable manner.

Outcome 4: Demonstrate preparation for continued pursuit of education leading to a baccalaureate degree.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Interpret and manipulate data,
- b. Use appropriate technology to assist with problem-solving,
- c. Use appropriate written and/or oral presentations to effectively communicate results,
- d. Apply critical thinking.

Associate in Science in Pre-Engineering Degree Program Outcomes

Proposed: 1/31/05
Adopted:

Program Code: 214
CIP Code: 140101

Degree Program Overview

The Associate in Science in Pre-Engineering (214) prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in careers in Aerospace Engineering, Biomedical Engineering, Industrial Engineering, Chemical Engineering, Mechanical Engineering, Civil Engineering, Petroleum Engineering, or Electrical Engineering.

Degree Program Curriculum

There are 63 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 35 General Education Transfer Degree Requirement credit hours;
- * 20 Major Field credit hours;
- * 8 Elective credit hours;

Major Field courses in the degree program are typically taught by faculty whose primary assignments are General Education core curriculum instruction.

Major Field Requirements, 20 credit hours selected from the following:

CS 2013	Programming in C++
ENGR1113	Introduction to Engineering
MATH2215	Calculus and Analytic Geometry I
MATH2424	Calculus and Analytic Geometry II
PHYS2114	General Physics I
PHYS2211	Calculus Based Physics I

Major Field Electives and Support, 8 credit hours selected from the following:

CHEM1315	General Chemistry I
CHEM1515	General Chemistry II
MATH1513	Pre-Calculus for Eng-Phys-CS
MATH1613	Plane Trigonometry
MATH2434	Calculus and Analytic Geometry III
MATH2533	Differential Equations
PHYS2224	General Physics II (recommended)
PHYS2231	Calculus Based Physics II (recommended)

General Education Relationship

Any of the major field mathematics courses offered in the degree may fulfill the three-credit hour college-level mathematics requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Any of the major field physical science courses (those with prefixes CHEM AND PHYS with the exception of Calculus Based Physics) offered in the degree may fulfill the four-credit hour college-level physical science requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education mathematics and physical science requirements. Mathematics and physical science are required in the General Education core curriculum.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate of Science in Pre-Engineering (214)

Outcome 3: Define and explain fundamental concepts, principles, and theories of engineering.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Identify concepts, principles, and theories related to various engineering phenomena.
- b. Explain how concepts, principles, and theories correlate with various engineering phenomena.

Outcome 4: Gather scientific information through experiments and interpret and express the results of experiments.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Perform experiments and collect data from the experimental result,
- b. Interpret experimental results as related to concepts, principles, and theories of engineering,

Outcome 5: Demonstrate problem-solving skills foundational to understanding of engineering concepts.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Analyze a problem,
- b. Recognize the concept(s) and technique(s) necessary for solution,
- c. Apply the concept(s) and technique(s),
- d. Verify the results,
- e. Communicate the results in an understandable manner.

Outcome 6: Demonstrate preparation for continued pursuit of engineering education leading to a baccalaureate degree in an engineering area.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Describe various fields of engineering
- b. Interpret and manipulate data,
- c. Apply scientific knowledge to problem-solving,
- d. Apply critical thinking.

Associate in Science in Psychology Degree Program Outcomes

Proposed: 2-04-05

Adopted:

Program Code: 202
CIP Code: 429999

Degree Program Overview

The Associate in Science in Psychology prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in careers in psychology, sociology, social work, criminology, counseling, education, special education and any other behavioral science related professions.

Degree Program Curriculum

There are 62 credit hours required in the program of study. To earn the Associate in Science degree, students are required to successfully complete:

- 32 General Education Transfer Degree Requirement credit hours;
- 22 Major Field credit hours;
- 8 Major Field Elective credit hours

Major Field courses in the degree program are typically instructed by faculty whose primary assignments are Behavioral Science core curriculum instruction.

Major Field Requirements, 22 credit hours selected from the following:

BIOL 1114 General Biology **or**
 BIOL 1214 Principles of Biology **or**
 BIOL 1234 General Zoology
 MATH1503 Elementary Statistics
 PSY 1113 General Psychology
 PSY 1123 Psychology of Adjustment
 PSY 2013 Personality Theories
 PSY 2023 Developmental Psychology
 PSY 2053 Social Psychology

Major Field Electives and Support, 8 credit hours selected from the following:

BIOL 2114 Human Anatomy
 BIOL 2214 Human Physiology
 MATH1513 Pre-Calculus for Eng-Phys-CS
 PSY 2103 Child and Adolescent Psychology
 PSY 2301-3 Special Projects in Psychology
 SOC 1113 Introduction to Sociology
 SOC 2033 Sociology of Religion

SOC 2043	Human Sexuality
SOC 2123	Social Problems
SOC 2143	Marriage and Family
SOC 2153	Crime, Delinquency and Social Science Issues through Film

General Education Relationship

General Psychology and Introduction to Sociology may fulfill college-level General Education core curriculum requirements for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education Behavioral Science requirements. Additional courses may be required for specific major areas within the Behavioral Sciences.

Mission Centrality

This degree program is consistent with the College mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix or inclusion in the baccalaureate degree curriculum not yet on the Matrix. (e.g., education, counseling, etc.).

Outcome 2: Demonstrate successful academic achievement by Seminole State College Transfer degree students at primary receiving state baccalaureate institution of higher learning. Successful academic achievement is defined as the Maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning.
- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning as available.
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning as available.

Outcomes Specific to Associate in Science in Psychology

Outcome 3: Students will demonstrate knowledge, skills, and values consistent with the science and application of Behavioral Sciences.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Analyze the knowledge base and problems
- b. Apply research methods, concepts and principles
- c. Demonstrate an understanding of the values and ethics of behavioral sciences

Outcome 4: Students will display the knowledge, skills and values consistent with curriculum developed for behavioral sciences.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Display technological literacy
- b. Communicate effectively in a variety of formats
- c. Recognize and respect the complexity of sociocultural and international diversity

Associate in Science in Secondary Education Degree Program Outcomes

Proposed: 1/31/05
Adopted: 1/31/05

Program Code: 235
CIP Code: 131101

Degree Program Overview

The Associate in Science in Secondary Education prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for a student interested in a career as an elementary education teacher or an elementary education administrator.

Degree Program Curriculum

The college requires 62-64 credit hours depending on the program of study. To earn the degree, students are required to successfully complete:

- * 34-42 General Education Transfer Degree Requirement credit hours;
- * 12-34 Major Field credit hours;
- * 3 Major Field Elective credit hours

Full-time and adjunct faculty teach courses needed for completion of the degree. The faculty possess degrees in appropriate disciplines with all of the full-time and many of the adjunct instructors having master's degrees. Major field courses in the degree program are typically taught by full-time and adjunct faculty whose primary assignments are General Education core curriculum instruction. The few adjuncts who are hired without master's degrees are hired due to their special skills and experience in specific areas.

Major Field Requirements, 22 credit hours selected from the following:

Biology Teacher Emphasis:

BIOL 1114	General Biology or	
BIOL 1214	Principles of Biology	(recommended by ECU)
BIOL 1224	General Botany	(recommended by ECU)
BIOL 1234	General Zoology	(recommended by ECU)
BIOL 2114	Human Anatomy	(recommended by ECU)
CHEM1315	General Chemistry I	(recommended by ECU)
CHEM1515	General Chemistry II	(recommended by ECU)
PHYS 1214	Earth Science	
PHYS1314	Astronomy	
PHYS2114	General Physics I	
PHYS2224	General Physics II	

Chemistry Teacher Emphasis:

BIOL 1114	General Biology or	
BIOL 1214	Principles of Biology	(recommended by ECU)
BIOL 1224	General Botany	

BIOL 1234	General Zoology	
BIOL 2114	Human Anatomy	
CHEM1315	General Chemistry I	(recommended by ECU)
CHEM1515	General Chemistry II	(recommended by ECU)
MATH2215	Calculus and Analytic Geometry I	
PHYS 1214	Earth Science	
PHYS1314	Astronomy	
PHYS2114	General Physics I	(recommended by ECU)
PHYS2224	General Physics II	(recommended by ECU)

English Teacher Emphasis:

ENG 1803	Native American Literature
ENG 2103	Fiction Writing
ENG 2113	Creative Writing
ENG 2123	Introduction to Poetry
ENG 2413	Introduction to Literature
ENG 2433	World Literature I
ENG 2543	British Literature I
ENG 2653	British Literature II
ENG 2753	American Literature I
ENG 2883	American Literature II

History Teacher Emphasis:

ANTH 1113	General Anthropology
BA 2113	Macroeconomics or
BA 2213	Microeconomics
GEOG 1123	World Regional Geography
HIST 1483	American History to 1877
HIST 1493	American History since 1877
HIST 2223	Early Western Civilization to 1660
HIST 2233	Early Western Civilization since 1660

Mathematics Teacher Emphasis:

MATH1503	Elementary Statistics
MATH1513	Pre-Calculus for Eng-Phys-CS
MATH1613	Plane Trigonometry
MATH2215	Calculus and Analytic Geometry I
MATH2424	Calculus and Analytic Geometry II
MATH2434	Calculus and Analytic Geometry III

Physics Teacher Emphasis:

BIOL 1114	General Biology or	
BIOL 1214	Principles of Biology	(recommended by ECU)
CHEM1315	General Chemistry I	
CHEM1515	General Chemistry II	
MATH1613	Plane Trigonometry	
MATH2215	Calculus and Analytic Geometry I	(recommended by ECU)
MATH2424	Calculus and Analytic Geometry II	(recommended by ECU)
PHYS 1214	Earth Science	
PHYS1314	Astronomy	

PHYS2114	General Physics I	(recommended by ECU)
PHYS2211	Calculus Based Physics I	(recommended by ECU)
PHYS2224	General Physics II	(recommended by ECU)
PHYS2231	Calculus Based Physics II	(recommended by ECU)

Major Field Electives and Support, 3 credit hours:

PSY 2023 Developmental Psychology

Major Field Requirements at East Central University, 5 credit hours selected from the following:

EDUC2012	Foundations of Education
EDUC2211	Field Experience
EDUC2402	Survey of Exceptional Children

All of the above courses can be used to fulfill the 4 X 12 requirements for elementary education.

General Education Relationship

Courses offered as part of the degree, separate from those that can be used to fulfill General Education requirements, are for the most part, extensions of basic courses. In this context the courses allow the student to build their skills and knowledge base for their four-year degrees and to meet requirements such as 4 X 12. Courses that are not offered as an extension of a General Education core (some history courses, Spanish, psychology, etc.) represent courses needed to fully prepare the transfer student for the secondary major at a four-year institution.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- c. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.

- d. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- e. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- f. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- g. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- h. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

**Outcomes Specific to the
Associate in Science in Secondary Education**

Due to the wide range of courses that are required or will help the secondary education major, and due to the variety of areas such majors can be certified, the Outcomes listed below are general in nature. However, they focus on higher level skills that are developed by taking more advanced courses.

Outcome 3: Demonstrate critical-thinking skills required for higher level communication. Higher level communication skills apply to humanities, composition, and speech.

Measurable Indicators

- a. Analyze and research an issue
- b. Evaluate existing information
- c. Apply appropriate writing and/or researching techniques
- d. Edit material
- e. Evaluation

Outcome 4: Demonstrate an ability to understand and interpret at a higher level, concepts and issues related to the social sciences.

Measurable Indicators

- a. Develop the ability to analyze issues in the social sciences
- b. Develop at a higher level the ability to interpret and manipulate data
- c. Apply appropriate writing and/or research techniques
- d. Apply higher level critical thinking skills to social science issues

Outcome 5: Demonstrate continued pursuit of problem-solving skills and knowledge for advanced courses in the sciences.

Measurable Indicators

- a. Develop the ability to analyze science information and/or problems
- b. Develop at a higher level the ability to interpret and manipulate data
- c. Apply higher level critical thinking skills to science information and/or problems
- d. Apply a higher level problem-solving approach to scientific information

Outcome 6: Continue to develop problem-solving skills needed for advanced courses in mathematics.

Measurable Indicators

- a. Develop the ability to analyze and solve higher level mathematical problems
- b. Apply higher level critical thinking skills to math

Associate in Arts in Social Sciences Degree Program Outcomes

Proposed: 2/1/05
Adopted:

Program Code: 215
CIP Code: 450101

Degree Program Overview

The Associate in Arts in Social Sciences (215) prepares students for transfer to a baccalaureate degree granting institution.

This degree is appropriate for those interested in careers in Anthropology, Geography, Government Service, History, Law, Political Science, Social Sciences education, or any other Social Sciences profession.

Degree Program Curriculum

There are 63 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 39 General Education Transfer Degree Requirement credit hours;
- * 15 Major Field credit hours;
- * 9 Elective credit hours;

Qualified Faculty teaches courses in the Social Sciences degree program.

Major Field Requirements, 15 credit hours selected from the following:

Select from any of the following. Selecting entirely from a particular area of emphasis is recommended but not required.

Government and History Emphasis Recommendations:

- GOV1303 State and Local Government
- GOV2013 Introduction to International Relations
- GOV2303 Special Projects in Government
- HIST1223 History of Native Americans to 1890
- HIST1243 History of Native Americans since 1890
- HIST1483 American History to 1877*
- HIST1493 American History since 1877*
- HIST2113 The American West
- HIST2203 Native American History and Policy
- HIST2223 Early Western Civilization to 1660
- HIST2233 Modern Western Civilization since 1660
- HIST2300 Special Projects in History
- HIST2323 Social Science Issues as Perceived through Movies

May be used only if **not used to satisfy General Education Social Sciences Requirement*

Sociology Emphasis Recommendations:

- SOC 1113 Introduction to Sociology
- SOC 2033 Sociology of Religion
- SOC 2043 Human Sexuality
- SOC 2053 Social Psychology
- SOC 2123 Social Problems
- SOC 2143 Marriage and Family
- SOC 2153 Crime, Delinquency and Social Science Issues through Film
- SOC 2303 Special Projects in Sociology

Major Field Electives and Support, 9 credit hours selected from the following:

- ANTH1113 General Anthropology
- ANTH1203 Native Peoples of North America
- ANTH2103 American Multiculturalism through Film
- GEOG1123 World Regional Geography

- MATH1503 Elementary Statistics
- PSY 1113 General Psychology
- PSY 2023 Developmental Psychology

General Education Relationship

Social Sciences courses may fulfill college-level General Education core curriculum requirements and electives for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education Social Science requirements.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state baccalaureate institutions of higher learning in Oklahoma.

Measurable Indicators

- a. Signed 2+2 articulation agreements between SSC and state baccalaureate institutions of higher learning in Oklahoma, especially those institutions which are primary recipients of SSC transfer degree program graduates.
- b. Inclusion of required degree program courses on the Oklahoma State Regents for Higher Education annual Course Equivalency Matrix.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Measurable Indicators

- a. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
- b. Graduate Opinion Survey data self-reporting demonstration of successful academic achievement at primary receiving state baccalaureate institutions of higher learning in Oklahoma as available
- c. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
- d. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate in Science in Social Sciences (215)

Outcome 3: Students will demonstrate the ability to explain and analyze social systems.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Convey how the disciplines within the social sciences examine society.

Outcome 4: Students will display the knowledge, skills and values consistent with the curriculum developed for the social sciences.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Identify the roles of individuals, society, and cultures in oral and/or written presentations.

- b. Recognize and respect the complexity of sociocultural and international diversity.

Certificate Programs

Certificate in Child Development (Mastery) Certificate Program Outcomes

Proposed: 2/1/05
Adopted:

Program Code: 229
CIP Code: 190706

Certificate Program Overview

The Certificate in Child Development (Mastery) prepares students for entry-level positions in the child care industry.

This program is appropriate for those interested in obtaining Child Development Associate (CDA) competencies and occupational skills needed for child care teachers or providers.

Certificate Program Curriculum

There are 18 credit hours required in the program of study. To earn the certificate, students are required to successfully complete:

- 15 Major Field credit hours
- 3 General Education hours

Major Field courses in the program are typically taught by faculty whose primary assignments are in the child development area.

Major Field credit courses required:

CD 1103 Child Development
CD 1123 Introduction to Early Childhood Education
CD 1223 Behavior & Guidance of Young Children
CD 2113 Program & Curriculum Planning for Early Childhood
CD 2123 Health, Safety, & Nutrition for Children

General Education credit course required

ENG 1113 Principles of English Composition

All required courses for the certificate may also transfer to the Associate in Arts in Child Development Program.

Mission Centrality

This certificate program is consistent with the College's mission to
... empower people for academic success, personal development, and lifelong learning.

Outcomes Specific for Certificate in Child Development (Mastery)

Outcome 1: Demonstrate problem-solving skills and critical thinking skills in the areas of child development, program planning, family and community relationships, and professional ethics.

Measurable Indicators

- a. Apply concepts and theories
- b. Analyze problems
- c. Communicate effectively

Outcome 2: Demonstrate the art and the science of working with children in a culturally diverse society.

Measurable Indicators

- a. Apply critical thinking and problem-solving
- b. Apply concepts and theories
- c. Communicate effectively

Certificate in Early College Certificate Program Outcomes

Proposed:

Adopted:

Program Code: 232

CIP Code:52-1299

Certificate Program Overview

The objective of the Early College Certificate is to encourage concurrent high school students and college-bound Career Tech students to complete eighteen hours of college credit prior to entering the workforce or college full time. In so doing, students have the opportunity to gain confidence building collegiate experience that will facilitate the pursuit and completion of a two year or four-year college degree.

Certificate Program Curriculum

There are 18 credit hours required in the program of study. To earn the certificate, students are required to successfully complete:

- 18 General Education Requirements

Major Field courses in the program are typically taught by faculty whose primary assignments are in the child development area.

Courses Required:

GOV 1113 American National Government

HIST 1483 American History Survey to 1877 **or**

HIST 1493 American History Survey since 1877

ENG 1113 Composition I

ENG 1213 Composition II

SPCH 1143 Speech

MATH 1413 Quantitative Reasoning **or**

MATH 1513 Pre-Calculus for Eng-Phys-CS **or**

MATH 1523 Pre-Calculus for Bus-Biol

All required courses for the certificate transfer to Associate in Arts and Associate in Science degree programs.

Mission Centrality

This certificate program is consistent with the College's mission to

... empower people for academic success, personal development, and lifelong learning.

Outcomes Specific for Certificate in Early College

Outcome 1: Demonstrate problem-solving skills useful in the workplace.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Analyze a problem or case
- b. Identify steps necessary for problem solving
- c. Apply the steps identified for solution
- d. Verify the results
- e. Report the results in an understandable and timely manner.

Outcome 2: Demonstrate preparation for continued pursuit of courses leading to employment.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Interpret and manipulate data
- b. Use appropriate technology to assist with problem-solving
- c. Apply critical thinking to real-world scenarios

Associate in Applied Science Programs

Associate in Applied Science in Applied Technology Degree Program Outcomes

Proposed: 10/20/20
Adopted: 5/10/21

Program Code: 875
CIP Code: 30.9999

Degree Program Overview

The Associate in Applied Science in Applied Technology (875) prepares students for employment.

This degree is appropriate for those interested in careers in Aerospace, Graphic Design, Criminal Justice, or Public Safety.

Degree Program Curriculum

There are 60 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 18 General Education Degree Requirements;
- * 9-42 Technical Specialty Requirements;
- * 0-33 Related Coursework Requirements;

Technical Specialty and Related Coursework Requirements in the degree program are taught by faculty with qualifications that support the objectives and curriculum of the proposed program. SSC currently employs appropriately credentialed faculty in the disciplines required in the program.

General Education Requirements (18 hrs.)

6 hrs.	Social Sciences:	Gov 1113 American National Government Hist 1483 American History Survey to 1877 or Hist 1493 American History Survey since 1877
9 hrs.	Communications	Eng 1113 Composition I &/or Eng Composition II &/or Eng 1313 Technical Report Writing &/or BA 2233 Business Communication
3 hrs	Workforce Complementary Courses	CAP 1103 Introduction to Microsoft Office or STSC 1002 Learning Strategies or Hum 2333 Leadership Development through the Classics

Technical Specialty Requirements – Credit for Industry Recognized Credentials (9-42 hrs.)

Aerospace including the following credentials:
Criminal Justice including the following credentials:
Graphic Design including the following credentials:
Public Safety including the following credentials:

Technical Related Coursework (0-33 hrs.)

Additional specialized credit hours can be taken from SSC to complete the 42 hour requirement.

General Education Relationship

In addition to the general education course outcomes and the overall institutional learning outcomes, students in this degree program will

- Know and be able to apply the terminology and conceptual frameworks related to common organization structures and basic operations in the workplace;
- Have the technical knowledge and skills expected of entry-level employees in their field of study;
- Demonstrate the professional/ethical behaviors essential in the workplace.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for AAS Degree Programs

The requested degree program is consistent with the Seminole State College mission, and will satisfy the general AAS degree program outcomes of achieving student academic achievement and the direct entry of graduates into the workforce in their chosen field.

Outcomes Specific to Associate in Applied Science in Engineering Technology (875)

Outcome 1: Demonstrate successful student preparation for the work place.

Measurable Indicators

- a. Five Year Program Review (OSRHE),
- b. Input provided by Applied Technology Annual Advisory committee.

Outcome 2: Demonstrate successful academic achievement by Seminole State College AAS degree students. Successful academic achievement is defined as the satisfactory academic progress toward employment.

Measurable Indicators

- a. Student Opinion Survey,
- b. Graduate Opinion Survey,
- c. Network of Advisory Members and area businesses.
- d. Although the ultimate goal is to enter the work place, many AAS students upon starting or completion of the degree find ways to continue their education, therefore; the following indicators may also be relevant:
 - 1. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
 - 2. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
 - 3. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

Outcomes Specific to Associate in Applied Science in Applied Technology (875)

Outcome 3: Demonstrate problem-solving skills related to the world of technology

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Analyze a problem or case,
- b. Identify steps necessary for problem solving,
- c. Apply the steps identified for solution,
- d. Verify the results,
- e. Reporting the results in an understandable and timely manner.

Outcome 4: Demonstrate preparation for continued pursuit of courses leading to employment.

Measurable Indicators

Assessment data demonstrating students' ability to:

- a. Interpret and manipulate data,
- b. Use appropriate technology to assist with problem-solving,
- c. Apply critical thinking to real-world scenarios.

Associate in Applied Science in Business Operations Degree Program Outcomes

Proposed: 2/1/05
Adopted:

Program Code: 114
CIP Code: 521299

Degree Program Overview

The Associate in Applied Science in Business Operations (114) prepares students for employment.

This degree is appropriate for those interested in careers in Accounting, Business, Information Systems, and Office Management

Degree Program Curriculum

There are 62 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 20 General Education Degree Requirements;
- * 18 Core Requirements;
- * 24 Options Requirements;

Core and Option Requirements in the degree program are taught by faculty whose primary assignments are Accounting, Business, Information Systems, and Office Management instruction.

Technical-Occupational Core Requirements

ACCT 1413 Introduction to Accounting
BA 2423 Business Ethics
BA 2123 Small Business Management
BA 2133 Human Relations
BA 2233 Business Communications
CAP 1103 Introduction to Microsoft Office

Technical-Occupational Specialty Option Requirements

Accounting Option

ACCT 2033 Financial Accounting
ACCT 2123 Managerial Accounting
ACCT 2143 Quickbooks
ACCT 2233 Payroll Tax Accounting
BA 2243 Personal Finance
CAP 2103 Advanced Microsoft Word
CAP 2263 Desktop Publishing
CAP 2643 Advanced Microsoft Excel

Administration Option

BA 2113 Macroeconomics
BA 2213 Microeconomics
BA 2513 Marketing
BA 2403 Business Management
BA 2243 Personal Finance
CAP 2103 Advanced Microsoft Word
CAP 2263 Desktop Publishing
CAP 2643 Advanced Microsoft Excel

Office Information Technology Option

ACCT 2143 Quickbooks
ACCT 2233 Payroll Tax Accounting
BA 1003 College Keyboarding
BA 1733 Business Mathematics
CAP 2103 Advanced Microsoft Word
CAP 2263 Desktop Publishing
CAP 2603 Advanced Microsoft Access
CAP 2643 Advanced Microsoft Excel

General Education Relationship

The Introduction to Microcomputer course is included as a General Education Course. This course fulfills three-credit hours of the 18-credit hours required for students enrolled in the AAS degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education Requirements.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for AAS Degree Programs

Outcome 1: Demonstrate successful student preparation for the work place.

Measurable Indicators

- c. Five Year Program Review (OSRHE),
- d. Input provided by Business/Information Systems Annual Advisory committee.

Outcome 2: Demonstrate successful academic achievement by Seminole State College AAS degree students. Successful academic achievement is defined as the satisfactory academic progress toward employment.

Measurable Indicators

- e. Student Opinion Survey,
- f. Graduate Opinion Survey,
- g. Network of Advisory Members and area businesses.
- h. Although the ultimate goal is to enter the work place, many AAS students upon starting or completion of the degree find ways to continue their education, therefore; the following indicators may also be relevant:
 - 4. Transfer data on SSC transfer degree program graduates from primary receiving state baccalaureate institutions of higher learning in Oklahoma.
 - 5. Retention reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.
 - 6. Graduation reports on SSC transfer program graduates regarding primary receiving state baccalaureate institutions of higher learning in Oklahoma as available.

**Outcomes Specific to Associate in Applied Science in
Business Operations (114)**

Outcome 3: Demonstrate problem-solving skills related to the world of business

Measurable Indicators

Assessment data demonstrating students' ability to:

- f. Analyze a problem or case,
- g. Identify steps necessary for problem solving,
- h. Apply the steps identified for solution,
- i. Verify the results,
- j. Reporting the results in an understandable and timely manner.

Outcome 4: Demonstrate preparation for continued pursuit of courses leading to employment.

Measurable Indicators

Assessment data demonstrating students' ability to:

- d. Interpret and manipulate data,
- e. Use appropriate technology to assist with problem-solving,
- f. Apply critical thinking to real-world scenarios.

Associate in Applied Science in Engineering Technology Degree Program Outcomes

Proposed: 10/31/17
Adopted: 5/10/18

Program Code: 236
CIP Code: 14.0101

Degree Program Overview

The Associate in Applied Science in Engineering Technology (236) prepares students for employment.

This degree is appropriate for those interested in careers in Aerospace Engineering, Biomedical Engineering, Industrial Engineering, Chemical Engineering, Mechanical Engineering, Civil Engineering, Petroleum Engineering, or Electrical Engineering.

Degree Program Curriculum

There are 64 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 20 General Education Degree Requirements;
- * 11 Technical-Occupational Field Support Requirements;
- * 33 Technical-Occupational Field Requirements;

Field Support and Field Requirements in the degree program are taught by faculty whose primary assignments are Business, Engineering, Math, and Physics instruction.

Technical-Occupational Field Support Requirements

MATH1613 Trigonometry
PHYS 2114 General Physics I
PHYS 2224 General Physics II

Technical-Occupational Field Requirements

BA 1603 Workplace and Cultural Competence
BA 2133 Human Relations
BA 2333 Leadership Development through the Classics
BA 2423 Business Ethics
ENGR 1113 Introduction to Engineering
ENGR 1123 Geometric Dimensioning and Tolerances
ENGR 1133 Manual Machining Skills
ENGR 1143 CAD-CAM
ENGR 2003 Principles of Mechanical Design
ENGR 2013 Principles of Electrical Design
ENGR 2903 Engineering Technology Internship

General Education Relationship

Any of the major field mathematics courses offered in the degree may fulfill the three-credit hour college-level mathematics requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Any of the major field physical science courses (those with prefixes CHEM AND PHYS with the exception of Calculus Based Physics) offered in the degree may fulfill the four-credit hour college-level physical science requirement in the General Education core curriculum for all students enrolled in transfer degree programs at Seminole State College. Institutional resources are utilized to employ qualified faculty to provide instruction fulfilling General Education mathematics and physical science requirements. Mathematics and physical science are required in the General Education core curriculum.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Degree Program Outcomes

Outcomes for AAS Degree Programs

The requested degree program is consistent with the Seminole State College mission, and will satisfy the general AAS degree program outcomes of achieving student academic achievement and the direct entry of graduates into the workforce in their chosen field.

Outcomes Specific to Associate in Applied Science in Engineering Technology (236)

Outcome 1: Operate effectively, both timely and qualitatively, to apply mathematics and physics principles using modern technology to identify, evaluate, and solve complex engineering technology problems in a variety of ways including team-oriented and individual activities.

Outcome 2: Prepare well-written, oral, and graphical communication for both technical and non-technical environments by using the application of ethical and professional standards of conduct and by reporting on the results of conducting standard tests and measurements through the analysis and interpretation of experimental results.

Associate in Applied Science in Medical Laboratory Technology Degree Program Outcomes

Proposed: 1/31/05
Adopted:

Program Code: 108
CIP Code: 51.1004

Degree Program Overview

The Associate in Applied Science in Medical Laboratory Technology, Program Code: 108, prepares students for professional certification. The Board of Certification Exam sponsored by the American Society for Clinical Pathology, (ASCP /BOC) is the exam all students take. After successful completion of the AAS, graduates are eligible to sit for the ASCP /BOC, and are prepared to enter the workforce as medical laboratory technicians.

This degree is appropriate for those interested in a career in the healthcare profession of clinical laboratory science.

Degree Program Curriculum

There are 72 credit hours required in the program of study. To earn the degree, students are required to successfully complete with a GPA of 2.0 or above the following courses:

- 19 General Education credit hours;
- 13 Technical-Occupational Support credit hours; and
- 40 Technical-Occupational credit hours

Major Field courses in the degree program are taught by nationally certified medical laboratory scientists with a master's degree. Baccalaureate-prepared medical laboratory scientists with three years experience are allowed to teach major field courses, but only a master's prepared faculty may be the Program Director.

Requirements for the Associate in Applied Science in Medical Laboratory Technology degree are as follows:

Technical-Occupational Support Courses:

BIOL 2114 Human Anatomy or BIOL 2214 Human Physiology
BIOL 2224 Microbiology
CHEM1315 General Chemistry I

Technical-Occupational Specialty Courses:

MLT 1402 MLT Orientation
MLT 1412 Urinalysis/Body Fluids
MLT 1515 Hematology
MLT 1523 Instrumental Chemical Analysis
MLT 2101 MLT Capstone Seminar
MLT 2413 Hematology Clinical Practicum I*

MLT 2423	Chemistry Clinical Practicum II*
MLT 2433	Microbiology Clinical Practicum III*
MLT 2434	Immunology/Blood Bank
MLT 2443	Blood Banking Clinical Practicum IV*
MLT 2455	Clinical Chemistry
MLT 2462	Mycology/Parasitology
MLT 2564	Clinical Microbiology

General Education Relationship

The General Education credit hours and the Support and Related credit hours required for the AAS in Medical Laboratory Technology provide the student with the knowledge base and skills upon which the medical technology curriculum builds. The knowledge gained from mathematics, physical, biological and psychosocial sciences enable the students to understand and apply the concepts presented in the clinical laboratory science curriculum. The general education courses are requirements established by the Oklahoma State Regents for Higher Education.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Outcomes for AAS Degree Programs

Upon graduation with an Associate in Applied Science degree, the graduate will demonstrate the following entry-level competencies of professional practice, and be eligible to sit for the American Society for Clinical Pathology, Board of Certification, ASCP/BOC:

Medical Laboratory Technicians are proficient in:

1. Collecting and processing biological specimens for analysis;
2. Performing analytical tests on body fluids, cells, and products;
3. Recognizing factors that affect procedures and results, and taking appropriate actions within predetermined limits when corrections are indicated;
4. Monitoring quality control within predetermined limits;
5. Performing preventive and corrective maintenance of equipment and instruments or referring to appropriate source for repairs;
6. Applying principles of safety;
7. Demonstrating professional conduct and interpersonal communication skills with patients, laboratory personnel, other health care professionals, and with the public;
8. Recognizing the responsibilities of other laboratory and health care personnel and interacting with them with respect for their jobs and patient care;

9. Applying basic scientific principles in learning new techniques and procedures;
- 10 Relating laboratory findings to common disease processes; and
11. Recognizing and acting upon individual needs for continuing education as a function of growth and maintenance of professional competence.

Associate in Applied Science in Nursing Degree Program Outcomes

Proposed: 07/20/17

Adopted:

Program Code: 110

CIP Code: 51.1601

Degree Program Overview

The Associate in Applied Science with a Nursing Major degree, Program Code: 110, prepares students to take the National Council Licensing Examination for Registered Nursing (NCLEX-RN). After successful completion of the NCLEX-RN, graduates are prepared to enter the workforce as registered nurses.

This degree is appropriate for those interested in a career in health care, specifically registered nursing.

Degree Program Curriculum

There are 70 credit hours required in the program of study. To earn the degree, students are required to successfully complete:

- * 21 General Education credit hours;
- * 12 Technical Occupational Support credit hours; and
- * 37 Technical-Occupational credit hours

Major Field courses in the degree program are taught by Registered Nurses with a master's or higher degree in nursing. Baccalaureate-prepared Registered Nurses are allowed to teach Major Field courses but must show continued progress toward a master's or higher degree in nursing with completion of a minimum of six (6) hours per calendar year.

Degree Requirements for the Associate in Applied Science with a Nursing Major are as follows:

Technical-Occupational Support Requirements:

BIOL 2114	Human Anatomy
BIOL 2214	Human Physiology
BIOL 2224	Microbiology

Technical-Occupational Specialty Courses:

NURS 1104	Pre-Nursing*
NURS 1113	Nursing Pharmacology*
NURS 1214	Med-Surg Nursing I*
NURS 1213	Med-Surg Clinical I*
NURS 1225	Maternal, Newborn, Peds*
NURS 2214	Med-Surg Nursing II*
NURS 2223	Med-Surg Clinical II*

NURS 2225	Psychosocial Nursing*
NURS 2226	Leadership in Nursing Capstone*

General Education Relationship

The General Education credit hours and the Support and Related credit hours required for the AAS with a nursing major provide the student with a knowledge base upon which the nursing curriculum builds. The knowledge gleaned from the physical, biological, and psychosocial sciences enable students to better understand concepts presented in nursing. The general education courses are requirements established by the Oklahoma State Regents for Higher Education.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Outcomes for AAS Degree with a Nursing Major

Upon graduation with an Associate in Applied Science degree, the graduate will demonstrate the following competencies and be eligible to sit for the NCLEX-RN.

- Outcome 1: Develop professional nursing skills using the core values of Compassion, Opportunity, Respect and Excellence
- Outcome 2: Promote nursing excellence through exploration of opportunities for lifelong learning and professional self-development.
- Outcome 3: Operate within the scope of practice of the registered nurse to perform safe, ethical and legal care.
- Outcome 4: Demonstrate comprehensive professional knowledge of evidence based practice to promote health and prevent disease, leading to improved health care outcomes.
- Outcome 5: Apply clinical reasoning and nursing process to meet patients' health care needs, throughout the lifespan, using a holistic, patient-centered approach.
- Outcome 6: Utilize effective therapeutic communication in the care of individuals and their families.
- Outcome 7: Appreciate and provide culturally competent, patient-centered care to promote, restore and maximize health potential of individuals.
- Outcome 8: Collaborate with multidisciplinary health care teams to advocate for efficient and effective health care.
- Outcome 9: Utilize nursing informatics and advanced technology to enhance patient outcomes.
- Outcome 10: Demonstrate integrity in all professional interactions and academic settings.

Associate in Applied Science in Physical Therapist Assistant Degree Program Outcomes

Proposed:

Adopted:

Program Code: 233
CIP Code: 51.0806

Degree Program Overview

The Associate in Applied Science in Physical Therapist Assistant, Program Code: xxx, prepares students for professional licensure. The Licensure Exam to be taken by all students is sponsored by the Federation of State Boards of Physical Therapy (FSBPT). After successful completion of the AAS, graduates are eligible to sit for the licensure exam, and are prepared to enter the workforce as physical therapist assistants.

This degree is appropriate for those interested in a career in the allied health field of physical therapy working as a physical therapist assistant.

Degree Program Curriculum

There are 67 credit hours required in the program of study. To earn the degree, students are required to successfully complete the following courses:

- 20 General Education credit hours;
- 11 Technical-Occupational Support credit hours; and
- 36 Technical-Occupational credit hours

Major Field courses in the degree program are taught by state licensed physical therapists or physical therapist assistants.

Requirements for the Associate in Applied Science in Physical Therapist Assistant degree are as follows:

Technical-Occupational Support Requirements:

BIOL 2114 Human Anatomy
BIOL 2214 Human Physiology
NURS2423 Medical Terminology

Technical-Occupational Requirements:

PTA 1011 Introduction to Physical Therapy
PTA 1023 Basic Patient Care
PTA 1032 Pathophysiology for the PTA
PTA 1042 Kinesiology for the PTA
PTA 1053 Clinical Procedures I
PTA 1064 Therapeutic Exercise I
PTA 1072 Clinical Practice I
PTA 2013 Clinical Procedures II
PTA 2023 Clinical Practice II
PTA 2032 Neuroanatomy for the PTA

PTA 2044	Therapeutic Exercise II
PTA 2052	Professional Topics
PTA 2064	Clinical Practice III
PTA 2071	PTA Capstone

General Education Relationship

The General Education credit hours and the Support and Related credit hours required for the AAS in Physical Therapist Assistant provide the student with the knowledge base and skills upon which the therapy curriculum builds. The knowledge gained from physical, biological and psychosocial sciences enable the students to understand and apply the concepts presented in the physical therapist assistant curriculum. The general education courses are requirements established by the Oklahoma State Regents for Higher Education.

Mission Centrality

This degree program is consistent with the College's mission to:

... empower people for academic success, personal development, and lifelong learning.

Outcomes for AAS Degree Programs

Upon graduation with an Associate in Applied Science degree, the graduate will demonstrate the following entry-level competencies of professional practice, and be eligible to sit for the Federation of State Boards of Physical Therapy (FSBPT) Licensure Exam:

Physical Therapist Assistants will:

1. Demonstrate the ability to independently perform effective clinical verbal, non-verbal, and written communication skills, in a culturally competent manner.
2. Demonstrate the ability to independently provide effective education to patients, family members/caregivers, and other health care providers.
3. Demonstrate the ability to independently participate in scheduling, billing, and other routine administrative procedures of the physical therapy department.
4. Demonstrate the ability to safely perform learned physical therapy assessment, techniques and treatment interventions from within the physical therapist's plan of care under the direction and supervision of a physical therapist.

5. Consistently and independently demonstrate appropriate legal and ethical behavior during skill performance and interactions with patients, family members, and other healthcare providers.
6. Demonstrate appropriate legal and ethical behavior during skill performance and interactions with patients, family members, and other healthcare providers.
7. Consistently demonstrate entry level Professional Behaviors in all interactions with patients, family members/caregivers, physical therapy personnel, and other health care providers by displaying all Professional Behaviors.