

## Degrees and Certificates

NPCC's academic programs are designed for students who plan to earn a two-year Associate Degree or the one-year Technical Certificate leading to employment, as well as for those who plan to transfer to four-year colleges and universities. The programs are, in some cases, flexible. However, students are encouraged to talk with an assigned academic advisor or a counselor each semester in order to insure a successful course of study.

Before selecting a major field of study, a student may wish to consider the future employment possibilities in each area of concentration. A suggested source of information is *The Occupational Outlook Handbook*, published by the U.S. Department of Labor. Current copies are available in the Counseling Center.

Specific requirements and information on course sequencing for each degree and technical certificate program are described in detail in the college division sections of the catalog. Special requirements, prerequisites, corequisites, and other information are noted. For details about individual courses, see the catalog section on Course Descriptions.

### Arkansas Course Transfer System (ACTS)

ACT 672 of 2005 states that the Arkansas Course Transfer System (ACTS) contain information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credit and the equitable treatment in the application of credits for the admissions and degree requirements. Course transferability is not guaranteed for courses listed in ACTS as "No Comparable Course." Additionally, courses with a "D" frequently do not transfer and institutional policies may vary. ACTS may be accessed on the Internet by going to the ADHE website and selecting Course Transfer (<http://adhe.edu>)

### Certificate of General Studies

The Certificate of General Studies is a one-year award designed to provide recognition of the completion of a body of knowledge in general education. The Certificate of General Studies will be comprised of 31 credit hours. Modeled after the majority of courses listed in the State Minimum Core, the curriculum includes areas of study in English, communication, science, math, technology, social sciences, fine arts, and humanities.

#### Required Courses for Certificate of General Studies

##### English/Communication - 9 Credit Hours Total

ENG	1113	English Composition I	3
ENG	1123	English Composition II	3
SPCH	1103	Speech	3

<b>Mathematics (3 credits; select ONE course)</b>			
MATH	1013	Mathematics for General Education (confer course description) <b>OR</b>	3
MATH	1123	College Algebra	3
<b>Sciences (4 credits; select ONE course)</b>			
<b>Life Science</b>			
BIOL	1114	General Biology	4
BIOL	1154	Zoology	4
BIOL	1164	Botany	4
BIOL	2224	Anatomy and Physiology I	4
<b>Physical Science</b>			
CHEM	1104	Chemistry for Non-Majors	4
ESCI	1104	Earth Science	4
GEOL	1104	Physical Geology	4
PHYS	1114	Physical Science	4
PHYS	1204	Physics I	4
<b>History (3 credits; select ONE course)</b>			
HIST	2223	U.S. History I or	3
HIST	2233	U.S. History II	3
POLS	1113	American National Government	3
<b>Fine Arts/Humanities (3 credits; select ONE course)</b>			
ART	1593	Art Appreciation	3
MUS	1143	Music Appreciation	3
TART	1153	Introduction to Theatre	3
ENG	2273	World Literature I	3
<b>Computer Literacy (3 credits; select ALL courses)</b>			
CIS	1001	Introduction to Computing I	1
CIS	1011	Introduction to Computing II	1
CIS	1501	Introduction to the Internet	1
<b>Psychology or Sociology (3 credits, select ONE course)</b>			
PSYC	1103	General Psychology	3
SOC	1103	Introduction to Sociology	3
<b>Social Science Elective (3 credits, select ONE course)</b>			
ANTH	1113	General Anthropology	3
ECON	2203	Macroeconomics	3
ECON	2213	Microeconomics	3
GEOG	1103	Introduction to Geography	3

POLS	1123	State and Local Government	3
PSYC	1123	Applied Psychology	3
SOC	2203	Social Problems	3
SOC	2213	Marriage and the Family	3

**TOTAL** **31**

### Associate of Arts Degree (A.A.)

The Associate of Arts Degree (A.A.) gives students who plan to transfer to a four-year college or university the opportunity to complete the first two years of course work leading to a baccalaureate degree. Although most courses at NPCC transfer to most colleges and universities, students should see a NPCC counselor to be sure the courses will apply to the specific degree the student is seeking at the transfer institution. Each candidate for the Associate of Arts Degree must successfully complete the following general education requirements which are in compliance with ACT 98 of 1989:

#### Required Core Curriculum for the A.A. Degree

##### English/Communication - 9 Credit Hours Total

ENG	1113	English Composition I	3
ENG	1123	English Composition II	3
SPCH	1103	Speech	3

##### Mathematics - 3 Credit Hours Total

MATH	1013	Mathematics for General Education (confer course description) <b>OR</b>	3
MATH	1123	College Algebra <b>OR</b>	3
MATH	1133	Trigonometry <b>OR</b>	3
MATH	2215	Calculus I	5

##### Sciences - 8 Credit Hours Total

(One 4 hour course in Life Science and one 4 hour course in Physical Science)

###### Life Science

BIOL	1114	General Biology	4
BIOL	1154	Zoology	4
BIOL	1164	Botany	4

###### Physical Science

CHEM	1104	Chemistry for Non-Majors	4
ESCI	1104	Earth Science	4
GEOL	1104	Physical Geology	4
PHYS	1114	Physical Science	4
PHYS	1204	Physics I	4

**Fine Arts/Humanities - A.A. Candidates - 12 Credit Hours Total****Option I (Select three of the following courses)**

ART	1593	Art Appreciation	3
ENG	2293	Creative Writing I	3
ENG	2693	Creative Writing II	3
MUS	1143	Music Appreciation	3
PHIL	1123	Introduction to Philosophy	3
PHIL	1133	Fundamentals of Ethics	3
SPAN	1103	Spanish I	3
SPAN	1113	Spanish II	3

**Option II (Select one of the following courses)**

ENG	1183	Introduction to Literature	3
ENG	2223	American Literature I	3
ENG	2233	American Literature II	3
ENG	2273	World Literature I	3
ENG	2283	World Literature II	3

**Social Sciences - A.A. Candidates - 15 Credit Hours Total****A. (Select two of following three courses)**

HIST	2223	U.S. History I or	3
HIST	2233	U.S. History II	3
POLS	1113	American National Government	3

**B. (Select one course)**

HIST	2203	Western Civilization to 1660	3
HIST	2213	Western Civilization since 1660	3

**C. (Select two courses)**

**General education requirements**, under the state articulation agreement between two-year and four-year institutions of higher education, stipulate that the social science electives must include at least three semester hours--in two different areas: Psychology; Sociology; Economics; Geography; Political Science; or Anthropology.

ANTH	1113	General Anthropology	3
ECON	2203	Macroeconomics	3
ECON	2213	Microeconomics	3
GEOG	1103	Introduction to Geography	3
POLS	1123	State and Local Government	3
PSYC	1103	General Psychology	3
PSYC	1123	Applied Psychology	3
SOC	1103	Introduction to Sociology	3
SOC	2203	Social Problems	3
SOC	2213	Marriage and the Family	3

### **Physical Education - (2 Credit Hours Total)**

Arkansas colleges and universities require at least two physical education credits in activity courses for graduation eligibility. Medically exempt students, approved by the Executive Vice President, may take Health and Safety (PE 1113) as a substitute. The faculty of the physical education department strongly recommend that students take HPR 1102 Life Fitness Concepts as one of the two PE activity courses.

### **Electives - (12 Credit Hours Total)**

Since the choice in the core curriculum may vary in the amount of credits earned, students should work with their academic advisor in selecting the most appropriate electives and be certain of acquiring 61 total credits for graduation eligibility. Students should choose electives accepted by the institution to which they plan to transfer. A.A. candidates need at least 12 elective credits to satisfy the required 61 SSCH for their degree plan.

### **A.A. Degree Requirements Summary**

<b>Academic Areas</b>	<b>Credit Hours</b>
English Composition	6
Speech	3
Arts & Humanities	12
College Algebra (or above)	3
Science (with integrated labs)	8
Social Sciences (including 1 course in U.S. History or American National Government and 1 course in Western Civilization)	15
Physical Education Activity Courses	12
General Electives	12
<b>Total Credit Hours</b>	<b>61</b>

### **Associate of Arts in Teaching (AAT)**

The Associate of Arts in Teaching (AAT) is a two-year transfer degree designed to introduce students to the teaching profession and to ease transfer to 4-year institutions.

Each candidate for the Associate of Arts in Teaching degree must:

1. Complete the AAT with a cumulative GPA of 2.50
2. Pass the Praxis I and complete the required core curriculum for A.A.T.

### **English/Communication (9 credit)**

Composition I	3	ENG 1113
Composition II	3	ENG 1123
Fundamentals of Speech	3	SPCH 1103

**Mathematics (3 credit hours)**

College Algebra	3	MATH 1123
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**Life Science (4 credit hours)**

Biology	4	BIOL 1114
Botany	4	BIOL 1164
Zoology	4	BIOL 1154

**Physical Science (4 credit hours)**

Chemistry for Non-Majors	4	CHEM 1104
Physical Science	4	PHYS 1114

**Fine Arts (3 credit hours)**

Art Appreciation	3	ART 1593
Music Appreciation	3	MUS 1143
Introduction to Theater	3	TART 1153

**Humanities (3 credit hours)**

Introduction to Philosophy	3	PHIL 1023
Fundamentals of Ethics	3	PHIL 1133

**Literature (3 credit hours)**

World Literature I	3	ENG 2273
World Literature II	3	ENG 2283
American Literature I	3	ENG 2223
American Literature II	3	ENG 2233

**Social Sciences (9 credit hours)****Select one of the following courses.**

US History to 1865	3	HIST 2223
US History since 1865	3	HIST 2233
American National Government	3	POLS 1113

**Select one of the following courses.**

Western Civilization to 1660	3	HIST 2203
Western Civilization since 1660	3	HIST 2223

**Select one of the following courses.**

General Anthropology	3	ANTH 1113	US History	3
Introduction to Geography	3	GEOG 1103		
Arkansas History	3	HISY 1143		
General Psychology	3	PSYC 1103		
Introduction to Sociology	3	SOC 1103		

**Physical Education (2 credit hours)**

Two activity courses PE 2

**Education (6 credit hours)**

Foundations of Education	3	EDUC 2243
Introduction to K-12 Technology	3	EDUC 2263

The specialization track course requirements may be used to substitute for the required core curriculum course. See an advisor for complete information on the specific course requirements for the 4-year institution of choice.

**SPECIALIZATION TRACKS**

Specialization tracks include: Early Childhood Education (P-4); Middle School Mathematics/Science; and, Middle School Language Arts/Social Sciences

**Associate of Liberal Studies (A.L.S.)**

The Associate of Liberal Studies Degree (A.L.S.) offers students maximum flexibility in selecting courses to meet their individual employment and educational needs. Although many courses leading to the Associate of Liberal Studies degree may be transferable on an individual basis, sometimes the combination of courses will not complete a major area suitable for transfer. Students should see a counselor or advisor pertaining to the transfer of courses taken to complete the Associate of Liberal Studies Degree.

Students interested in an A.L.S. degree with a Business Administration emphasis should contact the Division Chair, Debbie Burks. Those interested in an A.L.S. degree with a transfer program emphasis in Visual Art Studio should contact instructor Thad Flenniken or Richard Browne.

**Communication: (6 Credit Hours Total)****Written - Select ONE course from the following options:**

ENG	1113	English Composition I	3
ENG	1133	Technical Report Writing	3
JRNL	1103	Newswriting I	3
OFAD	1133	Business English	3

**and****Oral - Select ONE course from the following options:**

SPCH	1103	Fundamentals of Public Speaking	3
SUPM	1183	Effective Communications	3

**Art: (3 Credit Hours Total)****Select ONE course from the following options:**

ART	1593	Art Appreciation	3
MUS	1213	Music Appreciation	3

FLM	1103	Introduction to Film	3
ENG	1183	Introduction to Literature	3

**Heritage: (3 Credit Hours Total)**

**Select ONE course from the following options:**

HIST	2203	Western Civilization I	3
HIST	2213	Western Civilization II	3
HIST	2223	U.S. History to 1865	3
HIST	2233	U.S. History since 1865	3
HIST	2283	The American Civil War	3

**Institutions: (3 Credit Hours Total)**

**Select ONE course from the following options:**

SOC	1103	Introduction to Sociology	3
POLS	1113	American National Government	3
POLS	1123	State & Local Government	3
SOC	2213	Marriage and the Family	3
BUS	1193	Consumer Economics	3
ECON	2203	Macroeconomics	3
ECON	2213	Microeconomics	3

**Nature: (3 or 4 Credit Hours Total)**

**Select ONE course from the following options:**

ESCI	1104	Earth Science	4
ESCI	1153	Astronomy	4
ESCI	2244	Meteorology	4
ESCI	2254	Oceanography	4
ESCI	2263	Environmental Science	3
GEOG	1123	Conservation	3
GEOL	1104	Physical Geology	4
PHYS	1123	Physical Science	4

**Work: (3 Credit Hours Total)**

**Select ONE course from the following options:**

BUS	1113	Introduction to Business	3
BUS	1143	Introduction to Marketing	3
BUS	1183	Small Business Management	3
CIS	1013	Information Systems I	3
CRJ	1103	Introduction to Criminal Justice	3
EDUC	2243	Foundations of Education	3
JRNL	1243	Introduction to Mass Media	3
PHOT	1103	Introduction to Photography	3
PE	1103	Fundamentals of Physical Education	3
OFAD	1083	Word Processing I	3
LAD	1303	Career Exploration	3

**Identity: (3 Credit Hours Total)****Select ONE course from the following options:**

PSYC	1103	General Psychology	3
PSYC	1153	Human Sexuality	3
PSYC	1173	Psychology of Parenting	3
PSYC	2003	Human Growth and Development	3
PSYC	2133	Mental Health	3
PHIL	1123	Introduction to Philosophy	3
PHIL	1133	Fundamentals of Ethics	3
SOC	1103	Introduction to Sociology	3

**Mathematics: (3 Credit Hours Total)****Select ONE course from the following options:**

MATH	1003	Intermediate Algebra	3
MATH	1013	Mathematics for General Education	3
OFAD	1053	Business Math with Calculators	3
MATH	1123	College Algebra	3
MATH	1293	Introduction to Statistics	3

**Total Required for Integrated Core Curriculum****Subtotal** 27**Total Electives for Personal Enrichment Courses****Subtotal** 33**Total Credit Hours** 60**Associate of Science Degree**

The Associate of Science Degree (A.S.) is designed for transfer to upper-level colleges and universities. Academic concentration is in the areas of the sciences curriculum. (See major areas of study.) Each candidate for the of Associate of Science Degree must successfully complete the following general education requirements which are in compliance with ACT 98 of 1989.

**Required Core Curriculum for the A.S. Degree****English/Communication - 9 Credit Hours Total**

ENG	1113	English Composition I	3
ENG	1123	English Composition II	3
SPCH	1103	Speech	3

**Mathematics/Science - 17-22 Credit Hours Total**

Students should follow carefully the curriculum advised by the senior institution to which they will transfer to determine exactly which mathematics and/or science courses they should take, but in general, the mathematics and science requirements are as follows:

**Math - 3 Credit Hours Required (select one)**

MATH	1123	College Algebra	3
MATH	1133	Trigonometry	3
MATH	2215	Calculus I	5

**Science - 14-19 Credit Hours Required**

(Select one course from Option I, one course from Option II, and two courses from Option III)

**Option I - Life Sciences (one course)**

BIOL	1114	General Biology	4
BIOL	1154	Zoology	4
BIOL	1164	Botany	4

**Option II - Physical Sciences (one course)**

CHEM	1104	Chemistry for Non-Majors	4
CHEM	1204	Chemistry I	4
ESCI	1104	Earth Science	4
GEOL	1104	Physical Geology	4
PHYS	1114	Physical Science	4
PHYS	1204	Physics I	4

**Option III - (two courses not satisfying previous requirements)**

MATH	1133	Trigonometry	3
MATH	2215	Calculus I	5
MATH	2225	Calculus II	5
MATH	2233	Number Systems for Elementary Education Majors I	3
MATH	2243	Number Systems for Elementary Education Majors II	3
BIOL	2224	Anatomy & Physiology I	4
BIOL	2234	Anatomy & Physiology II	4
BIOL	1154	Zoology	4
BIOL	1164	Botany	4
CHEM	1204	General Chemistry I	4
CHEM	2204	General Chemistry II	4
PHYS	1204	General Physics I	4
PHYS	2204	General Physics II	4
PHYS	1124	Astronomy	4
ESCI	2244	Meteorology	4
ESCI	2254	Oceanography	4
ESCI	2263	Environmental Science	3

## Fine Arts/Humanities - A.S. Candidates - 9 Credit Hours Total

### Option I (Select TWO of the following courses)

ART	1593	Art Appreciation	3
MUS	1143	Music Appreciation	3
PHIL	1123	Introduction to Philosophy	3
PHIL	1133	Fundamentals of Ethics	3
SPAN	1103	Spanish I	3
SPAN	1113	Spanish II	3

### Option II (Select ONE of the following courses)

ENG	1183	Introduction to Literature	3
ENG	2223	American Literature I	3
ENG	2233	American Literature II	3
ENG	2273	World Literature I	3
ENG	2283	World Literature II	3

*Any course not used to satisfy Option II may be used to meet the requirements of Option I.*

## Social Sciences - A.S. Candidates - 15 Credit Hours Total

### A. Select TWO of the following three courses

HIST	2223	U.S. History to 1865	3
HIST	2233	U.S. History since 1865	3
POLS	1113	American National Government	3

### B. Select ONE of the following two courses

HIST	2203	Western Civilization I	3
HIST	2213	Western Civilization II	3

### C. Select TWO of the following courses

ANTH	1113	General Anthropology	3
GEOG	1103	Introduction to Geography	3
POLS	1123	State and Local Government	3
PSYC	1103	General Psychology	3
PSYC	1123	Applied Psychology	3
SOC	1103	Introduction to Sociology	3
SOC	2203	Social Problems	3
SOC	2213	Marriage and the Family	3

## Physical Education - 2 Credit Hours Total

Arkansas colleges and universities require at least two physical education credits in activity courses for graduation eligibility. Medically exempt students, approved by the Executive Vice President, may take Health Safety (PE 1113) as a substitute for the two physical education courses. Transfer students should be aware that

many colleges and universities require Life Fitness Concepts in partial fulfillment of the physical education requirement. The faculty of the Physical Education Department strongly recommend HPR 1102 Life Fitness Concepts as one of the two required physical education courses.

**Electives - 11 Credit Hours Total**

Since the choice in the core curriculum may vary in the amount of credits earned, students should work with their academic advisor in selecting the most appropriate electives and be certain of acquiring 60 credits for graduation eligibility. Choice of electives should be greatly influenced by the program requirements of the senior college to which the student plans to transfer. A.S. candidates need 11 elective credits to satisfy the required 60 SSCH for their degree plan.

**Degree Requirements Summary**

<b>Academic Area</b>	<b>Credit Hours</b>
English/Communications/Art/Humanities	18
Math/Science	17-21
Social Science	15
Electives	11
Physical Education	2
<b>Total Credit Hours</b>	<b>63</b>

In addition, the college offers the following specialized A.S. degrees:

**Associate of Science Degree in Medical Laboratory Technology**

The Associate of Science Degree in Medical Laboratory Technology is designed for career entry and articulation with four-year institutions so graduates may pursue a baccalaureate degree in medical technology or related areas.

**Associate of Science Degree in Nursing**

The Associate of Science Degree in Nursing (A.D.N.) is designed for career entry and so students who wish to pursue a Bachelor's of Science Degree in Nursing (B.S.N.) may continue their formal education at a four-year college or university.

**Associate of Applied Science Degree (A.A.S.)**

The Associate of Applied Science Degree (A.A.S.) is designed for students who seek occupational, technical, and vocational skills primarily for employment or advancement.

Students seeking one of the following degrees should contact the College Counseling Center or an assigned faculty advisor for specific degree requirements in any of the areas listed in this chapter.

1. Accounting
2. Child Care Management
3. Computer Information Systems (Microsoft, Cisco, Computer Support and Programming Support)
4. Criminal Justice
5. Emergency Medical Services- Paramedic Education
6. Fire Protection
7. General Technology
8. Graphic Design
9. Health Information Technology
10. Hospitality Administration
11. Office Administration
12. Radiologic Technology
13. Recreation

### **Associate of Applied Science in General Technology (A.A.S) (60 SSCH)**

#### **A.A.S. Transfer Disclaimer**

The Associate of Applied Science Degree is designed for employment purposes, and it should not be assumed that the degree or the courses in the degree can be transferred to another institution. While some institutions do accept some courses in A.A.S. Programs, the general rule is that courses in A.A.S. Degrees are not accepted in transfer toward bachelor's degrees. Students to whom transfer is important should get assurances in writing in advance from the institution to which they wish to transfer.

The Associate of Applied Science in General Technology is designed to meet the needs of students who wish to combine technical or vocational coursework with general education requirements to complete a two-year degree.

The Associate of Applied Science in General Technology degree enables a student to design an individual program of study to fulfill a unique career goal that cannot be met through the completion of any single technology program offered by the college. It also serves as a bridge program for students enrolled in technical programs at other institutions who wish to complete an Associates Degree.

Students wishing to complete the A.A.S. degree in General Technology will develop an individualized course of study through a structured advising process with faculty and college counselors. A total of at least 60 credits is required for the A.A.S. in General Technology. The courses are distributed in the following areas:

Major Technical Discipline (24-30 credit hours)

Technical Minor/Approved Support Courses (15-21 credit hours)

General Education Courses (15 credit hours, minimum)

**Communication Skills-6 credit hours total (select one from each group)****Group One**

ENG	1113	English Composition I	3
ENG	1133	Technical Report Writing	3
OFAD	1133	Business English	3

**Group Two**

SPCH	1103	Speech	3
SUPM	1183	Effective Communication	3
ENG	1123	English Composition II	3
BUS	2033	Business Communication	3

**Computer Literacy (3 credits; select ALL courses)**

CIS	1001	Introduction to Computing I	1
CIS	1011	Introduction to Computing II	1
CIS	1501	Introduction to the Internet	1

**Social Science (3 credits; select One course)**

HIST	2223	U. S. History I	3
HIST	2233	U.S. History II	3
HIST	2203	Western Civilization I	3
HIST	2213	Western Civilization II	3
PSYC	1103	General Psychology	3
PSYC	1123	Applied Psychology	3
SOC	1103	Intro to Sociology	3
POLS	1113	American National Government	3
POLS	1123	State & Local Government	3

**Mathematics (3 credits; select One course)**

MATH	1013	Math for General Education	3
MATH	1123	College Algebra	3
MATH	1293	Introduction to Statistics	3
MATH	1133	Trigonometry	3
MATH	1053	Business Math w/ calculators	3
MATH	1103	Technical Math	3

**Early Childhood Education, Associate of Applied Science (AAS)  
(60 credit hours)**

The AAS Degree includes those courses required in the Early Childhood Education Technical Certificates (36 hours) plus an additional 24 hours of classroom and/or laboratory instruction for a total of 60 credit hours. The AAS Degree in Early Childhood Education will provide students with a solid knowledge base upon which to build a career in the childcare profession. Students who have

earned their Child Development Associate (CDA) License may qualify for credit in specific courses.

**Early Childhood Education, Associate of Applied Science (AAS)  
(60 credit hours)**

Required Classes:

ECE	1103	Practicum I	3
ECE	1143	Family Involvement	3
ECE	1223	Infant & Toddler	3
ECE	1173	Methods & Materials	3
ECE	1183	Health, Safety, Nutrition	3
ECE	1133	Child Guidance	3
ECE	1283	Special Needs	3
ECE	1203	Practicum II	3 OR
ECE	1403	Nanny Orientation	3
TECH	1101	Computer Technology	1
TECH	1102	Tech Communications	2
ECE	1113	Child Development *	3
ECE	1163	Program Management *	3
ECE	1253	Curriculum Development*	3

OR \*Child Development Associate (CDA) License

**Electives (9 credit hours maximum)**

MUS	2213	Public School Music	3
ART	2203	Public School Art	3
PE	1113	Health and Safety	3
HPR	1113	Personal Safety and First Aid	3

**Natural or Physical Science w/ Lab**

BIOL	1114	General Biology	4
BIOL	1154	Zoology	4
BIOL	1164	Botany	4
CHEM	1104	Chemistry for Non-Majors	4
ESCI	1104	Earth Science	4
GEOL	1104	Geology	4
PHYS	1114	Physical Science	4
PHYS	1204	General Physics	4

**General Education Courses (15 credit hours, minimum)**

**Communications skills-6 credit hours, select one from each group**

Comp I and II are recommended for those considering study beyond the A.A.S. in General Technology.

Select one from each group

**Group One**

ENG	1113	Composition I	3
ENG	1133	Technical Report Writing	3
OFAD	1133	Business English	3

**Group Two**

SPCH	1103	Speech	3
SUPM	1183	Effective Communications	3
ENG	1123	Composition II	3
BUS	2033	Business Communications	3

**Computer Literacy (3 credits; select ALL courses)**

CIS	1001	Introduction to Computing I	1
CIS	1011	Introduction to Computing II	1
CIS	1501	Introduction to the Internet	1

**Social Sciences--Select One**

HIST	2223	United States History I	3
HIST	2233	United States History II	3
HIST	2203	Western Civilization I	3
HIST	2213	Western Civilization II	3
PSYC	1103	General Psychology	3
PSYC	1123	Applied Psychology	3
SOC	1103	Introduction to Sociology	3
POLS	1113	American National Government	3
POLS	1123	State/Local Government	3

**Mathematics-- Select One**

MATH	1013	Math for General Education	3
MATH	1123	College Algebra	3
MATH	1293	Introduction to Statistics	3
MATH	1133	Trigonometry	3
TECM	1103	Technical Math	3
OFAD	1053	Business Math w/Calculators	3

**Total Credit Hours 60**

**Graphic Design (A.A.S.)**

This program is designed to help students enter the job market upon completion of required course work or to continue formal study at a four-year college or university.

The program utilizes the most modern graphic design equipment including phototypesetting equipment. The courses are designed to allow students to experience the broadest possible range of techniques and to provide the student with a portfolio of work that will demonstrate mastery of those techniques to prospective employees.

Subject areas range from Design and Advertising to Photography. An Introduction to Business course is included in the curriculum, since many graphic designers operate their own shop.

The Graphic Design Program will enable the student to gain expertise in a variety of skill areas, ranging from 35mm photography to Macintosh computers, along with printing, drawing, advertising, reproduction and layout, lettering, illustration, display, packaging, art direction, and other related courses. Predictions indicate that there will be a growing demand for graphic designers during the next ten years, according to the U.S. Department of Labor. Openings for talented graphic designers in all areas of visual advertising, package design, industrial design, television graphics, and other fields will increase. However, competition will be keen and the best jobs will go to those with both talent and training. The need for free-lance graphic designers will also increase during the next decade.

The degree requires 60 SSCH with 15 of those hours being required core curriculum courses.

The following is a list of required courses in sequential order for the graphic design degree program offered by the Communication/Arts Division.

**GRAPHIC DESIGN DEGREE PROGRAM (A.A.S.)  
(60 SSCH)**

**First Semester**

ART	1113	Drawing I	3
ENG	1113	English Composition I	3
GRD	1103	Advertising Design I	3
GRD	1183	Desktop Publishing I	3
MATH	1013	Mathematics for General Education	
<b>OR</b>			
OFAD	1053	Business Math	3
<b>Subtotal</b>			<b>15</b>

**Second Semester**

ART	1103	Design I	3
ENG	1123	English Composition II	3

GRD	1113	Advertising Design II	3
GRD	1153	Photo Shop Studio	3
PHOT	1113	Intro to Photography	3
		<b>Subtotal</b>	<b>15</b>

### Third Semester

ART	2213	Art History I	3
GRD	1163	Silkscreen Printmaking	3
GRD	2023	Production & Layout I	3
PHOT	1113	Intermediate Photography	3
		*Selection From Social Science Core	3
		<b>Subtotal</b>	<b>15</b>

### Fourth Semester

ART	2223	Art History II	3
GRD	1143	Adobe Illustrator	3
GRD	2013	Art Direction	3
GRD	2033	Production & Layout II	3
GRD	2043	Commercial Illustration	3
		<b>Subtotal</b>	<b>15</b>
		<b>Total Credit Hours</b>	<b>60</b>

### \*Social Science Core - (Select one course)

HIST	2203	Western Civilization I	3
HIST	2213	Western Civilization II	3
HIST	2223	U.S. History I	3
HIST	2233	U.S. History II	3
POLS	1113	American National Government	3
POLS	1123	State & Local Government	3
PHIL	1123	Introduction to Philosophy	3
PHIL	1133	Fundamentals of Ethics	3
PSYC	1103	General Psychology	3
SOC	1103	Introduction to Sociology	3

### Associate of Applied Science in Hospitality Administration (60 credit hours)

The AAS degree in Hospitality Administration will provide students with a solid knowledge base upon which to build a career in the hospitality industry. The degree includes those courses required in the hospitality certificate of proficiency and the hospitality technical certificate (30 hours), hospitality related electives (15 hours), and core general education courses (15 hours).

### Required Courses

HA	1043	Introduction to Hospitality Administration
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HA	1103	Principles of Food Preparation I
HA	1013	Restaurant Orientation/Sanitation
HA	1053	Introduction to Food & Beverage Management
HA	1063	Hotel Operations
HA	1113	Principles of Food Preparation II
HA	1163	Restaurant Management
HA	1153	Beverage Management
TECH	1101	Computer Technology
TECH	1102	Technical Communication
HA	1073	Hospitality Administration Internship

**Electives (15 credit hours, minimum)**

HPR 2403	Commercial Recreation, Tourism, & Hospitality Enterprises
HPR 1113	Personal Safety & First Aid
HPR 1803	Promotion & Production of Programs & Special Events
HPR 1703	Leadership in Recreation, Hospitality, & Tourism
HPR 2213	Marketing of Leisure Services
GRD 1143	Adobe Illustrator
GRD 2073	Advertising Design for the Small Business
GRD 1183	Desktop Publishing and Design I

**General Education Courses (15 credit hours, minimum)**

**Communication Skills - 6 credit hours, select one from each group**

Comp I and II are recommended for those considering study beyond the A.A.S. in General Technology.

**Group One**

ENG	1113	English Composition I
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**Group Two**

ENG	1123	English Composition II
ENG	1133	Technical Report Writing

**Computer Literacy - 3 credit hours, select one course**

CIS	1013	Information Systems I
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OR

CIS	1011	Introduction to Computer I
CIS	1011	Introduction to Computer II
CIS	1501	Introduction to Internet

**Social Sciences - 3 credit hours, select one course**

HIST	2223	US History to 1865
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HIST	2233	US History since 1865
HIST	2203	Western Civilization I
HIST	2213	Western Civilization II
PSYC	1103	General Psychology
PSYC	1123	Applied Psychology
SOC	1103	Introduction to Sociology
POLS	1113	American National Government
POLS	1123	State and Local Government

**Mathematics - 3 credit hours, select one course**

MATH	1013	Math for General Education
MATH	1123	College Algebra
MATH	1293	Introduction to Statistics
MATH	1133	Trigonometry
OFAD	1053	Business Math with Calculators
TECM	1103	Technical Math

**Technical Certificate Programs**

The Technical Certificate is a planned and coherent program of classroom and laboratory/shop work at the collegiate level. It recognizes the completion of a specified level of competency in an occupational field. The program of study may be part of an Associate of Applied Science curriculum or a stand-alone program.

The curriculum requires a demonstration of competency in communications (oral and written), mathematics, and other general education disciplines necessary to be successful in the field. The state range of credit hours is 14 to 36 semester hours. Exceptions to this range will be allowed only when accrediting or approval agencies require additional semester hours. The College Curriculum Committee established a minimum of 30 credit hours for each technical certificate awarded.

College-level technical certificate programs are designed to allow students to obtain general educational requirements while upgrading or acquiring new skills in occupational and vocational curricula.

1. Accounting Technician
2. Advanced Emergency Medical Technology -Paramedic Education
3. Allied Health
4. Auto Service Technology
5. Computer Information Systems (Tracks in Microsoft, Cisco, Computer Support, Programming Support)
6. Early Childhood Education
7. General Studies
8. Heating Ventilation and Air Conditioning
9. Hospitality Administration
10. Industrial Maintenance
11. Legal Office

12. Licensed Practical Nurse
13. Marine Technology
14. Medical Office
15. Medical Transcription
16. Office Administration
17. Phlebotomy
18. Professional Medical Coding
19. Programming Support
20. Residential Carpentry
21. Supervisory Management
22. Web Design
23. Welding

**Certificate of Proficiency Programs**

A Certificate of Proficiency is awarded to students who have demonstrated the attainment of basic skills in one of following areas:

1. A+
2. Accounting Technology
3. Child Development
4. Emergency Medical Service - Basic
5. Hospitality Administration
6. Medication Aide

The program of study is normally not part of other programs leading to the awarding of a Technical Certificate or Associate Degree. Under Department of Higher Education guidelines, only one certificate of achievement can be awarded prior to completion of a related Technical Certificate or Associate Degree.

**Aviation Courses**

These special courses are designed for those who hold Federal Aviation Administration (FAA) certificates and wish to pursue an associate degree, as well as for those who may wish to use their formal study to continue in a four-year aviation degree program. The aviation program is designed to allow a person who qualifies for Federal Aviation Administration (FAA) certificates to acquire college credit and also complete the requirements for an Associate degree.

A student already holding a FAA certificate in Private Pilot, Commercial Pilot or Instrument Pilot may gain college credit for that certificate. This credit will be awarded upon successful completion of FAA requirements for the certificate and the completion of at least 6-semester credit hours of college work at NPCC.

Those students who hold an FAA Private Pilot Certificate will receive credit for:

AVN	1021	Introduction to Aeronautics Lab	1
AVN	1161	Private Pilot Certification	1

AVN	1171	Private Pilot Certification Lab I	1
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Those students who hold an FAA Commercial Certificate will receive credit for:

AVN	2031	Commercial Pilot Certification	1
AVN	2051	Commercial Pilot Lab I	2
AVN	2062	Commercial Pilot Lab II	2

Those students who hold an FAA Instrument Pilot Certificate will receive credit for:

AVN	2071	Instrument Pilot Certification	1
AVN	2083	Instrument Pilot Certification Lab	3

## DEGREES

It should not be assumed that these courses could be transferred to another institution that does not offer an Aviation Program. The courses may be used as electives at NPCC in:

- Associate of Arts Degree (A.A.) (Electives - 12 Credit Hours Total)
- Associate of Liberal Studies Degree (A.L.S.) (Electives - 33 Credit Hours Total)
- Associate of Science Degree (A.S.) (Electives - 11 Credit Hours Total)

Some programs list electives in specific areas. The following list of courses may help students in choosing an elective.

### Transferring to Another Institution

Students who plan to transfer should be aware that some Arkansas colleges and universities may accept U.S. Government rather than U.S. History as a requirement for graduation. In addition, state requirements are currently being revised. Therefore, four-year institutions are revising their curricula accordingly. Most four-year colleges and universities will limit the number of transfer credits applicable to a baccalaureate degree to about 64 credits. In any case, students should check with the college or university to which they plan to transfer for these particular requirements.

Students officially admitted to one of the College's health science programs should be aware that there is a seven-year statute of limitations for all required science and mathematics courses.

# Adult Education

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