2022 - 2023 UNDERGRADUATE CATALOG

GRADUATION REQUIREMENTS

Major fields of study leading to a bachelor degree are offered in accounting, agriculture business, agriculture education, applied statistics, art education, biology, business data analytics, business education, chemistry, chemistry education, computer science, computer engineering, creative writing, cybersecurity, economics and finance, elementary education, environmental science, fine arts, electrical engineering, emergency management, engineering physics, English, English education, fisheries and wildlife science, foreign language, game and interactive design media, geology, graphic design, health and exercise science, health and physical education, health information management, history, hospitality administration, information technology, international studies, journalism, life science for teacher licensure, management and marketing, mathematics, mathematics education, mechanical engineering, medical technology, middle level education, music, music education, nursing, physics, physics education, political science, professional studies, psychology, public history, recreation and park administration, rehabilitation science, social studies education, sociology, and speech.

Associate degrees are offered in business administration, criminal justice, cybersecurity, early childhood education, general education, information technology, manufacturing, and nuclear technology.

Students may graduate under the catalog in force when they first enroll in the University, or any subsequent catalog, subject to the approval of the appropriate department head and dean. Students should keep in mind that curricula change in order to maintain relevance, up-to-date knowledge, and, in some cases, accreditation standards. The University reserves the right to make effective immediately any change in graduation requirements for students whose studies have not advanced beyond the level at which the change becomes operative.

Degree Audit and Application for Graduation

Candidates for graduation must complete an application for graduation. Seniors completing graduation requirements at the end of the fall semester must submit to the Registrar's Office an application for graduation in consultation with their advisor on or before the end of the eighth week of the previous fall semester. Seniors completing graduation requirements at the end of the spring semester or either of the following summer sessions must submit an application for graduation in consultation with their advisor on or before the end of the eighth week of the previous spring semester.

Financial Obligation

Before any transcript is issued, the student must have paid any debt owed the University.

Graduation Honors

The bachelor's degree with honors will be conferred upon candidates who at graduation have earned a minimum grade point average on all courses taken at Arkansas Tech as follows: Summa Cum Laude-3.900 - 4.000, Magna Cum Laude-3.700 - 3.899, Cum Laude-3.500 - 3.699. Graduation honors will be determined by work taken at Arkansas Tech only. The associate degree with honors will be conferred upon candidates subject to the grade point average criteria listed above. Honors will be limited to candidates for the associate and bachelor's degree.

Commencement Participation

Students must complete all degree requirements prior to participating in the December, May, or August commencement ceremonies. Students completing all degree requirements in the fall semester will participate in the December commencement ceremony; spring semester will participate in the May commencement ceremony; and summer sessions will participate in the commencement ceremony held in August. Students will not participate in the commencement ceremony if all degree requirements are not completed prior to the ceremony. Students not completing all requirements will participate in the next scheduled commencement ceremony providing all degree requirements are met. Students taking courses at other institutions must have official transcripts submitted to the Registrar's Office and have completed all degree requirements prior to the commencement ceremony to be allowed to participate.

Participation in commencement is expected of all candidates for degrees. Students who are unable to participate may officially petition the Vice President for Academic Affairs in writing for permission to have the degree awarded in absentia.

Students who do not have a minimum grade point of 2.00 in the major and overall will not be eligible to participate in the commencement ceremony.

Academic Regalia shall be worn by all graduates during the graduation ceremony (See Bookstore). The academic regalia consist only of the cap and gown. Students may wear honor cords, pins, or stoles representative of university groups over their gown during the ceremony. Decoration on caps is permitted.

Requirements for Baccalaureate Degrees

In compliance with Act 1014 of 2005, Arkansas Tech University has developed guaranteed, eight-semester degree completion plans for most of the baccalaureate degree programs offered by the institution.

A General Requirements

1 .A student must earn a minimum of 30 hours taken from Arkansas Tech, at least 6 semesters hours of which must be upper division work in the student's major. Certain programs may have more rigorous standards due to, for example, accreditation standards or licensure requirements.
2 .No more than a total of 30 hours of correspondence, extension, military service, or credit by examination work may be applied as credit towards a degree.
3 .At least 120 hours (excluding pre-college level courses) must be successfully completed.
4 .The cumulative grade point average must not be less than 2.00 and not more than 25 percent of the hours may carry the "D" grade. Students must have a 2.00 grade point in their major and a 2.00 grade point in their minor, if applicable.
5 .At least 40 hours must be in junior and senior courses, preferably more.
6 .No more than four hours of activity credit may be counted toward graduation. The only exception is that a student may have the standard allowance of military credit (three hours of military science and three hours of PE credit) and four other hours of activity credit for a total of ten semester hours. A student registering for an activities course in excess of these limits receives no credit for the additional course and the grade is not included in the computation of grade point.
7 .Only six hours of freshman English composition may be used to satisfy degree requirements.
8 .For non-business majors, no more than 30 hours of courses offered by the College of Business may be counted towards completion of degree requirements.

B General Education Requirements

To meet the need for all students to have educational experiences which broaden their knowledge of the arts, humanities, and sciences, all curricula are designed to include basic courses in these areas. Students should refer to the curriculum in their major area of study for specific courses either recommended or required by the academic department to fulfill the General Education Requirements.

C Competence in English, Mathematics, and Reading

Each candidate for a baccalaureate degree is required to demonstrate the ability to write English clearly and correctly by completing the freshman composition courses (ENGL 1013 Composition I and ENGL 1023 Composition II) with a grade of "C" or better. A student who receives a grade of "D" or "F" in ENGL 1013 Composition I must repeat the course to earn a grade of "C" or better before enrolling in ENGL 1023 Composition II. The same criteria apply to transfer students.

Students showing evidence of deficiency in mathematics will be counseled to enroll in appropriate remedial courses. All students must earn a grade of "C" or higher in the course used to satisfy the general education mathematics requirement.

D Examination for Education Majors or Teacher Candidates

Section 1 (b) of Act 5 of the first Special Extraordinary Session (1983) of the Arkansas General Assembly stipulates: "After July 1, 1984, all colleges and universities in this State shall require persons who are education majors or teacher candidates to take the examination prescribed by the State Board of Education for initial certification as a teacher in the public schools of this State and to report the results of the examination to the college or university prior to graduation. All colleges and universities in this State shall report the results of the examinations to the Department of Education upon request."

E An official record of any correspondence or transfer work completed at another institution must be on file in the Registrar's Office prior to the end of the semester or term in which graduation is planned.

Requirements for a Minor

Arkansas Tech University offers 42 minors with requirements varying from 16-22 semester hours. Only candidates for a bachelors degree are eligible for minors. In order for the minor to be awarded a student must earn a 2.0 grade point average in the courses used to complete the minor. A minimum of 6 semester hours must be taken in residence and the same catalog must be used to complete requirements for both the major and the minor. Specific requirements for each minor are stated in the respective sections of this catalog.

Requirements for Associate Degrees

The requirements for associate degrees in culinary management, information technology, and nuclear technology are outlined under the statements of the College of Engineering and Applied Sciences. Requirements for the associate degree in early childhood education are outlined under the statements of the College of Education. The requirements for the associate degrees in criminal justice, general education, and Ozark-Ouachita studies are outlined under the statements of the College of Arts and Humanities. In addition to completing the necessary hours prescribed, candidates for associate degrees must meet the following requirements:

1 .A student must earn a minimum of 30 semester hours taken from Arkansas Tech.
2 .No more than a total of 30 semester hours of correspondence, extension, military service, or credit by examination work may be applied as credit towards a degree.
3 .Refer to major field of study for semester hour requirements.
4 .The cumulative grade point average must not be less than 2.00 and not more than 25 percent of the semester hours may carry the "D" grade. Students must have a 2.00 grade point in their major.

5 .No more than four semester hours of activity credit may be counted toward graduation. The only exception is that a student may have the standard allowance of military credit (three hours of military science and three hours of PE credit) and four other hours of activity credit for a total of ten semester hours. A student registering for an activities course in excess of these limits receives no credit for the additional course and the grade is not included in the computation of grade point.

6 .Only six hours of freshman English composition may be used to satisfy degree requirements.

7 .An official record of any correspondence or transfer work completed at another institution must be on file in the Registrar's Office prior to the end of the semester or term in which graduation is planned.

Requirements for a Certificate

Arkansas Tech University offers certificates with requirements varying from 6-21 semester hours. In order for the certificate to be awarded a student must earn a 2.0 grade point average in the courses used to complete the certificate. A minimum of ½ of the semester hours must be taken in residence and the same catalog must be used to complete requirements. No more than ½ of the semester hours of correspondence, extension, military service, or credit by examination work may be applied as credit towards a degree. Specific requirements for each certificate are stated in the respective sections of this catalog.

Requirements for Additional Degrees

For both baccalaureate and associate degrees, a student may not receive multiple degrees within a semester for a single approved degree program. Students wishing to earn multiple degrees in different degree programs within the same semester may do so by completing all degree requirements for each degree, which typically takes more than 120 hours.

Baccalaureate Degrees

Students who have already received a baccalaureate degree may earn an additional baccalaureate degree by completing a minimum of 30 additional semester hours from Arkansas Tech, at least 6 semester hours of which must be upper division work in the student's major. Certain programs may have more rigorous standards due to, for example, accreditation standards or licensure requirements. All degree requirements must be satisfied. Students pursuing a second baccalaureate degree must use the Arkansas Tech University catalog in effect at the time they first enroll subsequent to receiving the first degree or any subsequent Tech catalog provided they were enrolled at the University during the year the catalog was in effect.

Associate Degrees

Students who have already received an associate degree may earn an additional associate degree if the following have been completed: (a) all University catalog requirements for the major field of study, (b) applicable requirements specified under "Requirements for Associate Degrees".

Students who have already received a baccalaureate degree may earn an associate degree if the following have been completed: (a) all University catalog requirements for the major field of study, (b) applicable requirements specified under "Requirements for Associate Degrees".

Certificates

Students who have already received a certificate may earn an additional certificate. See applicable requirements specified under "Requirements for a Certificate".

Assessment Program

Arkansas Tech University (ATU) is dedicated to providing a wide range of traditional and innovative academic programs and is committed to the advancement of student learning and continuous improvement of academic programs and university services. Assessment is at the core of continuous improvement, therefore, students are responsible for participating in state and institutional assessment activities.

General Education Requirements

The general education curriculum is designed with the philosophy of "college, career, community" to provide a foundation for knowledge common to educated people and to develop the capacity for an individual to expand that knowledge over his or her lifetime. Students who have completed the general education curriculum at Arkansas Tech University will be able to:

Communicate effectively

Think critically

Develop ethical perspectives

Apply scientific and quantitative reasoning

Apply the value of the arts and humanities

Practice civic engagement

To accomplish the above goals, Arkansas Tech requires the completion of the following general education curriculum. Students should refer to the curriculum in their major area of study for specific courses either recommended or required by the academic department to fulfill the general education requirements.

English - 6 hours

(See Course Descriptions for minimum grade requirements)

ENGL 1013 Composition I
ENGL 1023 Composition II

Mathematics - 3 hours

(See Course Descriptions for minimum grade requirements)

Three hours from one of the following:

MATH 1003 College Mathematics
MATH 1113 College Algebra
Any higher level mathematics course
STAT 2163 Introduction to Statistical Methods

Science - 8 hours

Complete a total of eight hours of science with laboratory from BIOL, CHEM, ENVS, GEOL, PHSC, PHYS

US History or Government - 3 hours

Three hours from one of the following:

HIST 1903 Survey of American History
HIST 2003 United States History to 1877
HIST 2043 Honors United States History to 1877
HIST 2013 United States History since 1877
POLS 2003 American Government

Social Sciences, Fine Arts/Humanities, Speech Communications - 15 hours

(Complete one of the following 3 options):

Option 1:
Social Sciences - 6 hours
Fine Arts and Humanities - 6 hours
Speech Communications - 3 hours

Option 2:
Social Sciences - 6 hours
Fine Arts and Humanities - 9 hours

Option 3:
Social Sciences - 9 hours
Fine Arts and Humanities - 6 hours

Speech Communications

COMM 1003 Introduction to Communication
COMM 2003 Public Speaking
COMM 2173 Business and Professional Speaking

Social Sciences

(Students majoring in engineering may substitute up to six hours of upper level humanities, social sciences, mathematics, or science)

AGBU 2063 Principles of Agricultural Macroeconomics
AGBU 2073 Principles of Agricultural Microeconomics

AMST 2003 American Studies
ANTH 1213 Introduction to Anthropology
ANTH 2003 Cultural Anthropology
ECON 2003 Principles of Economics I
ECON 2013 Principles of Economics II
ECON 2103 Honors Principles of Economics I
FIN 2013 Personal Finance
GEOG 2013 Regional Geography of the World
HIST 1503 World History to 1500
HIST 1513 World History since 1500
HIST 1543 Honors World History to 1500
HIST 1903 Survey of American History
HIST 2003 United States History to 1877
HIST 2013 United States History since 1877
HIST 2043 Honors United States History to 1877
LEAD 1003 Introduction to Leadership
POLS 2003 American Government
PSY 2003 General Psychology
SOC 1003 Introductory Sociology

Fine Arts and Humanities

ART 2123 Experiencing Art
ENGL 2003 Introduction to World Literature
ENGL 2013 Introduction to American Literature
ENGL 2023 Honors World Literature
ENGL 2173 Introduction to Film
ENGL 2183 Honors Introduction to Film
JOUR 2173 Introduction to Film
MUS 2003 Introduction to Music
PHIL 2003 Introduction to Philosophy
PHIL 2043 Honors Introduction to Philosophy
PHIL 2053 Introduction to Critical Thinking
TH 2273 Introduction to Theatre I

Arkansas Course Transfer System (ACTS)

Act 747 of 2011 establishes a statewide common course numbering system for postsecondary courses. The Arkansas Course Transfer System (ACTS) meets this requirement. Before you register for ATU general education courses, please see the transfer table located in the "Admissions" section of this catalog to verify whether you have courses that are transferable.

Freshman Orientation

Beginning fall, 2008, all entering freshmen are required to take an orientation course during their first semester of enrollment (fall or spring). A number of the academic majors have an orientation course designed specific to the major. Students whose declared major does not have an orientation course or who are undeclared will take TECH 1013 Introduction to the University , or TECH 1001 Orientation to the University .

All orientation courses are designed to introduce the beginning student to the Arkansas Tech University campus, its culture, and traditions, and will contain certain common topics. Important policies governing campus life will be explained, and campus resources will be identified. Topics covered in each course will answer many questions typical freshmen have, which will assist in the transition from a high school environment. Subject matter will include managing time, setting academic goals, exam preparation, study and note-taking skills, introduction to library resources, and choosing a major and career.

State Minimum Core

The courses that comprise Tech's general education curriculum also constitute the University's State Minimum Core, established in accordance with Act 98 of 1989, for implementation the fall semester of 1991. Act 98 requires colleges and universities to identify "a minimum core of courses which shall apply toward the general education core curriculum requirements for baccalaureate degrees at state supported institutions of higher education and which shall be fully transferable between state institutions."

Credit By Examination

Arkansas Tech University recognizes the rigor of Advanced Placement (AP), International Baccalaureate Programme (IB), and the College Level Examination Program (CLEP). Students who have scored accordingly on an AP, IB, or CLEP exam can earn credit toward graduation at Arkansas Tech University by receiving a qualifying score on the examinations. These credits can satisfy general education requirements.

Students who have already earned a grade in a course may not earn duplicate credit through advanced credit. Advanced credit is not used to calculate a student's grade point average, and therefore, cannot be used to retain scholarship awards.

AP, CLEP, and IB scores should be documented on your application for admission. Submit official score reports or readable copies embossed by your high school to the Office of Admissions. Students who have earned International Baccalaureate (IB) credit should submit their IB transcript for evaluation.

No more than a total of 30 semester hours of correspondence, extension, military service, or credit by examination work may be applied as credit towards a degree.

IB (International Baccalaureate) Diploma

Students who successfully complete the International Baccalaureate Diploma Programme, with a minimum score of four on each examination, will be granted 30 semester credit hours of undergraduate general education courses. ATU may grant fewer than 30 semester credit hours if the student received a score of less than four on an examination administered as part of the IB Diploma Programme.

Following are the IB examinations that Tech will accept, the corresponding qualifying score, and credit awarded.

IB Examination	Qualifying Score	Credit Awarded
Biology/Standard	4 w/diploma	BIOL 1014 Introduction to Biological Science
Biology/Higher	4	BIOL 1014 Introduction to Biological Science or BIOL 1114 Principles of Biology
Business Management/ Standard or Higher	4	3 hours of elective credit
Chemistry/Standard	4 w/diploma	CHEM 2124 General Chemistry I
Chemistry/Higher	4	CHEM 2124 General Chemistry I & CHEM 2134 General Chemistry II
Computer Science/Standard	4 w/diploma	COMS 1013 Programming I & COMS 1011 Programming I Lab
Computer Science/Higher	4	COMS 1013 Programming I & COMS 1011 Programming I Lab
Dance/ Standard or Higher	4	3 hours of elective credit
Design Technology /Standard or Higher	4	3 hours of elective credit
Economics/Standard	4 w/diploma	ECON 2003 Principles of Economics I
Economics/Higher	4	ECON 2003 Principles of Economics I & ECON 2013 Principles of Economics II
English/Standard	4 w/diploma	ENGL 1013 Composition I OR ENGL 2003 Introduction to World Literature
English/Higher	4	6 hours from the below courses: ENGL 1013 Composition I, ENGL 1023 Composition II, ENGL 2003 Introduction to World Literature , ENGL 2013 Introduction to American Literature
Environmental Systems/Higher	4	BIOL 1004 Principles of Environmental Science
Film Studies/Higher	4	ENGL 2173 Introduction to Film or JOUR 2173 Introduction to Film

French: Language A or B/Standard	4 w/diploma	FR 1013 Beginning French I
French: Language A or B/Standard	5 w/diploma	FR 1013 Beginning French I & FR 1023 Beginning French II
French: Language A or B/Higher	4	FR 1013 Beginning French I & FR 1023 Beginning French II
French: Language A/Higher	5	FR 1013 Beginning French I, FR 1023 Beginning French II, FR 2013 Intermediate French I, & FR 2023 Intermediate French II
Geography/Standard	4 w/diploma	GEOG 2013 Regional Geography of the World
Geography/Higher	4	GEOG 2013 Regional Geography of the World
German: Language A or B/Standard	4 w/diploma	GER 1013 Beginning German I
German: Language A or B/Standard	5 w/diploma	GER 1013 Beginning German I & GER 1023 Beginning German II
German: Language A or B/Higher	4	GER 1013 Beginning German I & GER 1023 Beginning German II
German: Language A/Higher	5	GER 1013 Beginning German I, GER 1023 Beginning German II, GER 2013 Intermediate German I & GER 2023 Intermediate German II
Global Politics/ Standard or Higher	4	POLS 2413 International Relations
Greek: Language A or B/Standard	4 w/diploma	3 hours of elective credit
Greek: Language A or B/Standard	5 w/diploma	6 hours of elective credit
Greek: Language A or B/Higher	4	6 hours of elective credit
Greek: Language A/Higher	5	12 hours of elective credit
History/Standard (U.S.)	4 w/diploma	HIST 2003 United States History to 1877
History/Higher (U.S.)	4	HIST 2003 United States History to 1877 & HIST 2013 United States History since 1877
History/Standard (World)	4 w/diploma	HIST 1503 World History to 1500
History/Higher (World)	4	HIST 1503 World History to 1500 & HIST 1513 World History since 1500
IT Global Society/ Standard or Higher	4	3 hours of elective credit
Japanese: Language A or B/Standard	4 w/diploma	JPN 1013 Beginning Japanese I
Japanese: Language A or B/Standard	5 w/diploma	JPN 1013 Beginning Japanese I & JPN 1023 Beginning Japanese II
Japanese: Language A or B/Higher	4	JPN 1013 Beginning Japanese I & JPN 1023 Beginning Japanese II
Japanese: Language A or B/Higher	5	JPN 1013 Beginning Japanese I , JPN 1023 Beginning Japanese II , JPN 2013 Intermediate Japanese I & JPN 2023 Intermediate Japanese II
Latin: Language A or B/Standard	4 w/diploma	LAT 1013 Beginning Latin I
Latin: Language A or B/Standard	5 w/diploma	LAT 1013 Beginning Latin I & LAT 1023 Beginning Latin II
Latin: Language A or B/Higher	4	LAT 1013 Beginning Latin I & LAT 1023 Beginning Latin II

Latin: Language A/Higher	5	LAT 1013 Beginning Latin I, LAT 1023 Beginning Latin II, and 6 hours of elective credit
Mandarin: Language A or B/Standard	4 w/diploma	3 hours of elective credit
Mandarin: Language A or B/Standard	5 w/diploma	6 hours of elective credit
Mandarin: Language A or B/Higher	4	6 hours of elective credit
Mandarin: Language A/Higher	5	12 hours of elective credit
Math Appl Interpretations/Standard	4 w/diploma	MATH 1113 College Algebra
Math Appl Interpretations/Standard	5 w/diploma	MATH 1113 College Algebra & MATH 1203 Plane Trigonometry
Math Analyst Approach/Higher	4	MATH 2914 Calculus I
Math Analyst Approach/Higher	5	MATH 2914 Calculus I & MATH 2924 Calculus II
Music/Standard	4 w/diploma	MUS 1713 Theory I
Music/Higher	4	MUS 1713 Theory I
Music/Higher	5	MUS 1713 Theory I & MUS 1723 Theory II
Philosophy/Standard	4 w/diploma	PHIL 2003 Introduction to Philosophy
Philosophy/Higher	4	PHIL 2003 Introduction to Philosophy
Physics/Standard	4 w/diploma	PHYS 2014 Algebra-Based Physics I
Physics/Higher	4	PHYS 2014 Algebra-Based Physics I & PHYS 2024 Algebra-Based Physics II
Psychology/Standard	4 w/diploma	PSY 2003 General Psychology
Psychology/Higher	4	PSY 2003 General Psychology
Social and Cultural Anthropology/Standard	4 w/diploma	ANTH 1213 Introduction to Anthropology
Social and Cultural Anthropology/Higher	4	ANTH 2003 Cultural Anthropology
Spanish: Language A or B/Standard	4 w/diploma	SPAN 1013 Beginning Spanish I
Spanish: Language A or B/Standard	5 w/diploma	SPAN 1013 Beginning Spanish I & SPAN 1023 Beginning Spanish II
Spanish: Language A or B/Higher	4	SPAN 1013 Beginning Spanish I & SPAN 1023 Beginning Spanish II
Spanish: Language A or B/Higher	5	SPAN 1013 Beginning Spanish I , SPAN 1023 Beginning Spanish II , SPAN 2013 Intermediate Spanish I & SPAN 2023 Intermediate Spanish II
Sports, Exercise Health Science/ Standard or Higher	4	3 hours of elective credit
Theater Arts/Standard	4 w/diploma	TH 2273 Introduction to Theatre
Theater Arts/Higher	4	TH 2273 Introduction to Theatre
Visual Arts/Standard	4 w/diploma	ART 2123 Experiencing Art
Visual Arts/Higher	4	ART 2123 Experiencing Art
World Religions/ Standard or Higher	4	3 hours of elective credit

AP (Advanced Placement) Program

High school students who participated in The College Board's AP Program may receive college credit by attaining Tech's AP qualifying score. Credit earned through AP may satisfy general education requirements. Following are the AP examinations that Tech will accept, the corresponding qualifying score required, and credit awarded.

AP Examination	Qualifying Score	Credit Awarded
Art History	3	ART 2123 Experiencing Art
Biology	3	BIOL 1014 Introduction to Biological Science
Biology	4	BIOL 1114 Principles of Biology
Calculus AB	3	MATH 2914 Calculus I
Calculus BC	3	MATH 2914 Calculus I & MATH 2924 Calculus II
Capstone: Research	3	General Elective
Capstone: Seminar	3	General Elective
Chemistry	3	CHEM 1113 A Survey of Chemistry , CHEM 1111 Survey of Chemistry Laboratory & CHEM 2204 Organic Physiological Chemistry or CHEM 2124 General Chemistry I & CHEM 2134 General Chemistry II
Chinese Language & Culture	3	CHIN 2013 Intermediate Chinese I
Computer Science Principles	3	COMS 1403 Orientation to Computing, Information, and Technology & COMS 1411 Computer and Information Science Lab
Computer Science A	3	COMS 1013 Programming I & COMS 1011 Programming I Lab
Computer Science A	4	COMS 1013 Programming I & COMS 1011 Programming I Lab & COMS 2203 Programming II
English Lang/Comp or Lit/Comp	3	ENGL 1013 Composition I
English Lang/Comp or Lit/Comp	4	ENGL 1013 Composition I & ENGL 1023 Composition II
Environmental Science	3	BIOL 1004 Principles of Environmental Science , ENVS 1004 Principles of Environmental Science or PHSC 1004 Principles of Environmental Science
European History	3	General Elective
French Language	3	FR 2013 Intermediate French I
German Language	3	GER 2013 Intermediate German I
Government & Politics: Comparative	3	POLS 2403 Comparative Government
Government & Politics: US	3	POLS 2003 American Government
Human Geography	3	GEOG 2023 Human Geography

Italian Language & Culture	3	General Elective
Japanese Language & Culture	3	JPN 2013 Intermediate Japanese I
Macroeconomics	3	ECON 2003 Principles of Economics I
Microeconomics	3	ECON 2013 Principles of Economics II
Music Theory	3	MUS 2003 Introduction to Music
Music Theory	4	MUS 2003 Introduction to Music & MUS 1713 Theory I
Physics B	3	PHYS 2014 Algebra-Based Physics I & PHYS 2024 Algebra-Based Physics II
Physics C: Electricity & Magnetism	3	PHYS 2024 Algebra-Based Physics II
Physics C: Electricity & Magnetism	4	PHYS 2124 Calculus-Based Physics II
Physics C: Mechanics	3	PHYS 2014 Algebra-Based Physics I
Physics C: Mechanics	4	PHYS 2114 Calculus-Based Physics I
Physics 1	3	PHYS 2014 Algebra-Based Physics I
Physics 2	3	PHYS 2024 Algebra-Based Physics II
Psychology	3	PSY 2003 General Psychology
Spanish Language	3	SPAN 2013 Intermediate Spanish I
Spanish Literature	3	General Elective
Statistics	3	STAT 2163 Introduction to Statistical Methods
Studio Art Design 2-D	3	ART 1403 Two-dimensional Design
Studio Art Design 3-D	3	ART 2413 Three-dimensional Design
Studio Art Drawing	3	ART 1303 Introduction to Drawing
United States/American History	3	HIST 2003 United States History to 1877 & HIST 2013 United States History since 1877
World History	3	HIST 1503 World History to 1500 & HIST 1513 World History since 1500

College Level Examination Program (CLEP)

CLEP allows students to earn credit toward graduation by attaining Tech's qualifying score on either the general and/or subject examinations. Credit earned through CLEP may satisfy general education requirements.

It is recommended that an ACT sub-score of 24 or above or an SAT sub-score of 500 or above be used as a guideline for attempting to earn credit through CLEP. Following are the CLEP examinations that Tech will accept, the corresponding qualifying score required, and credit awarded.

CLEP Examination	Qualifying Score	Credit Awarded
American Government	50	POLS 2003 American Government
American Literature	50	ENGL 2013 Introduction to American Literature
Biology	50	BIOL 1014 Introduction to Biological Science or

		BIOL 1114 Principles of Biology
Calculus	50	MATH 2914 Calculus I
Chemistry	50	CHEM 2124 General Chemistry I
Chemistry	55	CHEM 2124 General Chemistry I & CHEM 2134 General Chemistry II
College Algebra	50	MATH 1113 College Algebra
College Mathematics	50	MATH 1003 College Mathematics
College Composition	50	ENGL 1013 Composition I
College Composition	59	ENGL 1013 Composition I & ENGL 1023 Composition II
College Composition Modular	50	ENGL 1013 Composition I
College Composition Modular	59	ENGL 1013 Composition I & ENGL 1023 Composition II
English Literature	50	ENGL 3413 British Literature to 1800
English Literature	55	ENGL 3413 British Literature to 1800 & ENGL 3423 British Literature since 1800
French Language	42	FR 1013 Beginning French I
French Language	50	FR 1013 Beginning French I & FR 1023 Beginning French II
German Language	43	GER 1013 Beginning German I
German Language	55	GER 1013 Beginning German I & GER 1023 Beginning German II
History of the United States I	50	HIST 2003 United States History to 1877
History of the United States II	50	HIST 2013 United States History since 1877
Human Growth & Development	50	PSY 3813 Lifespan Development
Humanities	50	HUM 2003 Topics in Arts and Humanities
Information Systems & Computer Applications	52	COMS 1003 Introduction to Computer Based Systems
Natural Sciences	56	BIOL 1014 Introduction to Biological Science , PHSC 1013 Introduction to Physical Science , & PHSC 1021 Physical Science Laboratory
Precalculus	50	MATH 1914 Precalculus
Principles of Macroeconomics	50	ECON 2003 Principles of Economics I
Psychology, Introductory	50	PSY 2003 General Psychology
Social Sciences & History	50	HIST 1503 World History to 1500
Social Sciences & History	56	HIST 1503 World History to 1500 & HIST 1513 World History since 1500
Sociology, Introductory	50	SOC 1003 Introductory Sociology
Spanish Language	45	SPAN 1013 Beginning Spanish I

Spanish Language	55	SPAN 1013 Beginning Spanish I & SPAN 1023 Beginning Spanish II

Institutional Credit

Computer Science

Students with previous computer experience may petition the Department of Computer and Information Science for credit for COMS 1003 Introduction to Computer Based Systems. Petitioners will be given written and/or oral examinations by a computer science faculty member.

Engineering

Registered ATU students who have successfully completed PLTW Introduction to Engineering Design (IED) will be given articulated credit for MCEG 1002 Engineering Graphics Engineering Graphics. Students who have successfully completed PLTW Principles of Engineering (POE) will be given articulated credit for MCEG 1011 Introduction to Mechanical Engineering Introduction to Mechanical Engineering. To receive articulated credit at no charge for the courses identified above, the students and the school at which they studied must satisfy the following criteria: To receive credit for MCEG 1002 Engineering Graphics, students must achieve each of the following: a.) Course grade of at least 85% and b.) PLTW end of course Stanine score of 6, 7, 8, or 9 OR PLTW raw score equivalent to a course Stanine score of 6, 7, 8, or 9 OR PLTW scale score of 350 or above. To receive credit for MCEG 1011 Introduction to Mechanical Engineering, students must achieve each of the following: a.) Course grade of at least 85% and b.) PLTW end of course Stanine score of 6, 7, 8, or 9 OR PLTW raw score equivalent to a course Stanine score of 6, 7, 8, or 9 OR PLTW scale score of 320 or above. (Course grades and end of course assessment scores must be supported by documentation from the high school or program agency.)

Foreign Language

Students with previous foreign language experience may petition the Department of English and World Languages for advanced placement and credit. A foreign language faculty member will recommend an appropriate foreign language placement level. This placement level will not exceed FR 3013 Conversation and Composition II , GER 3013 Conversation and Composition II , JPN 3013 Conversation and Composition II, or SPAN 3013 Conversation and Composition II, and will be approved by the department head. Students who have omitted one or more courses in the basic language sequence will receive credit for omitted courses when they have validated their advanced placement by passing the course into which they are placed with a grade of "C" or better.

Challenge Subject Examinations

Students who have had extensive experience in health care and industrial settings may elect to attempt to earn credit through an institutional challenge examination in the following subjects or technical programs:

AHS 2013 Medical Terminology

HIM 3023 Introduction to Health Information Management

HIM 3033 Basic Coding Principles

HIM 3133 Alternative Health Records

HIM 3132 Health Data and Statistics

Nursing Examinations

Registered nurses, licensed practical nurses, and/or licensed psychiatric technician nurses seeking admission to Arkansas Tech University's nursing program may elect to demonstrate and validate previous collegiate-quality nursing education. This may be accomplished by successfully completing certain ACT-PEP, CLEP, and National League for Nursing examinations. See the Department of Nursing.

Internships

Arkansas Tech University endorses the internship approach to learning and has adopted university-wide guidelines. This approach can help students understand the reality of certain careers and supplement academic instruction with practical, realistic implementation in a work environment. Academic credit can be earned for internships in several degree programs. Please see individual programs for availability of specific degree credit.