

# EDUCATION PROGRAMS

## Elementary Teacher Education

### Associate in Arts for Transfer Degree (AA-T)

Berkeley City College's Elementary Teacher Education AA-T is an interdisciplinary program which meets state guidelines in order to prepare students to begin their path toward becoming elementary school teachers. According to the Employment Development Department, elementary school teachers are among the top twenty-five "occupations with the most job openings" in California, with new jobs opening annually.

Students who successfully complete the AA-T in Elementary Teacher Education earn specific guarantees for transfer to the CSU system: admission to a CSU with junior status and priority admission to a CSU campus and to a program or major in Education or a similar major. Students transferring to a CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree.

Students are required to complete 60 semester units that are eligible for transfer to a California State University, including (1) the California State University General Education – Breadth Requirements and (2) 54 semester units with a grade of C or P or better in the major and an overall minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. For a more detailed description of Associate Degrees for Transfer, see "Associate Degrees for Transfer (ADT) to a California State University" on page 31.

Students are advised to consult with a Berkeley City College Counselor for additional information and to verify transfer requirements.

Required Courses	Units
ART 1 Introduction to Art History	3
BIOL 10 Introduction to Biology	4
CHEM 30A Introductory General Chemistry	4
CHDEV 51 Child Growth and Development	3
COMM 45 Public Speaking	3
EDUC 1 Introduction to the Field of Education	3
ENGL 1A Composition and Reading	4
ENGL 1B Composition and Reading	4
ENGL 5 Critical Thinking in Reading and Writing	3
GEOG 3 World Regional Geography	3
GEOL 10 Introduction to Geology	3
GEOL 10L Introduction to Geology Laboratory	1
HIST 3A World History to 1500	3

### Associate Degree & Certificate Programs/Course Announcements & Descriptions

HIST 7A	History of the United States to 1877	3
MATH 18	Real Number Systems	3
PHYS 10	Introduction to Physics	4
POSCI 1	Government and Politics in the United States	3
	Major Requirements	54
	General Education (IGETC and CSU GE) and Electives	6
	Total Units	60

### Recommended Course Sequence

You can use the following pattern to complete an Associate in Arts in Elementary Teacher Education for Transfer Degree. This is only one possible pattern. If you wish to earn an associate degree, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a Counselor. This plan will map your sequence of courses to help you complete your degree regardless of the semester you begin classes.

Course	Units	
1st Semester/Fall		
CHDEV 51 Child Growth and Development	3	
COMM 45 Public Speaking	3	
EDUC 1 Introduction to the Field of Education	3	
HIST 7A History of the United States to 1877	3	
	Elective	3
	Total Units	15
2nd Semester/Spring		
ART 1 Introduction to Art History	3	
CHEM 30A Introductory General Chemistry	4	
ENGL 1A Composition and Reading	4	
MATH 18 Real Number Systems	3	
	Total Units	14
3rd Semester/Fall		
ENGL 5 Critical Thinking	3	
GEOG 3 World Regional Geography	3	
GEOL 10/10L Introduction to Geology AND Lab	4	
HIST 3A World History to 1500	3	
POSCI 1 Government and Politics in the United States	3	
	Total Units	16
4th Semester/Spring		
BIOL 10 Introduction to Biology	4	
ENGL 1B Composition and Reading	4	
PHYS 10 Introduction to Physics	4	
	Elective	3
	Total Units	15
Program Learning Outcomes		
Students who complete the program will be able to:		

- Analyze models and methods of effective teaching, especially in relation to the needs of a diverse student body.
- Apply effective strategies for teaching.
- Write strong essays.
- Describe and teach basic concepts in number systems.
- Describe basic concepts in the humanities, social sciences, and sciences, and apply them to teaching at an elementary level.

## Liberal Studies—Teacher Preparation

### Associate in Arts Degree

The A.A. in Liberal Studies - Teacher Preparation is designed to prepare students to transfer to education programs at four-year institutions. Additionally, this program prepares students to qualify for California's Associate Teacher permits.

#### Career Opportunities

This program prepares students to qualify for California's Associate Teacher permit. This permit allows them to work in after-school programs and Head Start programs and to work as para-educators.

Required Courses	Units
BIOL 10 Introduction to Biology	4
CHDEV 51 Child Growth and Development	3
EDUC 1 Introduction to the Field of Education	3
EDUC 97 Field Studies in Education	4
EDUC 98 Pedagogy of Reading	3
ENGL 47 Children's Literature	3
EDUC 99 Introduction to Special Needs Pedagogy	3
HIST 7B History of the United States Since 1865	3
SOC 13 Sociology of the Family	3
MATH 18 Mathematical Concepts for Teachers	3
	Major Requirements: 30 units
	General Education and Electives: 30 units
	Total Units: 60

Students can use the following pattern to complete an Associate in Arts degree in Liberal Studies – Teacher Preparation. This is only one possible pattern. If you wish to earn a certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your certificate regardless of the semester you begin classes.

### Associate Degree & Certificate Programs/Course Announcements & Descriptions

Course	Units	Required Courses	Units
1st Semester/Fall			
EDUC 1	Introduction to the Field of Education	3	COMM 45 Public Speaking 3
MATH 18	Mathematical Concepts for Teachers	3	EDUC 1 Introduction to the Field of Education 3
	General Education Requirements and Electives	9	EDUC 97 Field Studies in Education 2–4
	Total	15	EDUC 98 Pedagogy of Reading 3
			EDUC 99 Introduction to Special Needs Pedagogy 3
2nd Semester/Spring			
CHDEV 51	Child Growth and Development	3	ENGL 1A Composition and Reading 4
EDUC 98	Pedagogy of Reading	3	MATH 18 Mathematical Concepts for Teachers 3
ENGL 47	Children's Literature	3	Select 3 units from the following:
	General Education Requirements and Electives	6	CHDEV 51 Child Growth and Development 3
	Total	15	PSYCH 21 Lifespan Human Development 3
3rd Semester/Fall			
EDUC 99	Introduction to Special Needs Pedagogy	3	Total required units 24–26
SOC 13	Sociology of the Family	3	
HIST 7B	History of the U.S. Since 1865	3	
	General Education Requirements and Electives	6	
	Total	15	
4th Semester/Spring			
EDUC 97	Field Studies in Education	4	
BIOL 10	Introduction to Biology	4	
	General Education Requirements and Electives	7	
	Total	15	

#### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Analyze models and methods of effective teaching, especially in relation to the needs of a diverse student body.
- Describe and apply effective strategies for teaching.
- Write strong essays which demonstrate an understanding of children's literature.
- Describe basic concepts in number systems.
- Describe and demonstrate key concepts in biology.
- Describe and demonstrate key concepts in history and sociology.

## Teacher's Aide

### Certificate of Achievement

This certificate combines some of the core courses in the Education AA-T with fieldwork in the schools, as well as additional courses in working with students who have learning differences and in the teaching of reading. Students who complete this program will be well qualified to serve as teachers' aides in classrooms from kindergarten to high school and adult education.

#### Career Opportunities

Teachers' aides in K–12 and adult education programs.

Course	Units
1st Semester/Fall	
EDUC 1	Introduction to the Field of Education
MATH 18	Mathematical Concepts for Teachers
2nd Semester/Spring	
CHDEV 51	Child Growth and Development
EDUC 98	Pedagogy of Reading
ENGL 47	Children's Literature
3rd Semester/Fall	
EDUC 99	Introduction to Special Needs Pedagogy
SOC 13	Sociology of the Family
HIST 7B	History of the U.S. Since 1865
4th Semester/Spring	
EDUC 97	Field Studies in Education
BIOL 10	Introduction to Biology
Program Learning Outcomes	
Upon successful completion of this program, students will be able to:	

### Recommended Course Sequence

You can use the following pattern to complete a Certificate of Achievement in Teacher's Aide. This is only one possible pattern. If you wish to earn a certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a Counselor. This plan will map your sequence of courses to help you complete your degree regardless of the semester you begin classes.

Courses	Units
1st Semester/Fall	
EDUC 1	Introduction to the Field of Education
EDUC 99	Introduction to Special Needs Pedagogy
ENGL 1A	Composition and Reading
CHDEV 51	Child Growth and Development
2nd Semester/Spring	
COMM 45	Public Speaking
EDUC 97	Field Studies in Education 2–4
EDUC 98	Pedagogy of Reading
MATH 18	Mathematical Concepts for Teachers
	Total units

#### Program Learning Outcomes

Students who complete the program will be able to:

- Analyze models and methods of effective teaching, especially in relation to the needs of a diverse student body.
- Apply effective strategies for teaching basic concepts in mathematics, reading, and writing.
- Apply knowledge of learning differences in

working with students.

## Education: School Readiness

### Certificate of Proficiency

Upon completion of this program, students will receive the California Commission on Teacher Credentialing Associate Teacher Permit, with a School-Age Emphasis. This certificate combines some of the core courses in the Education AA-T with fieldwork in the schools, as well as additional courses focusing on school readiness. Students who complete this program will qualify to serve as teachers' aides in classrooms from pre-kindergarten and transitional kindergarten through third grade, as well as after-school programs.

#### Career Opportunities

This program prepares students to qualify for California's Associate Teacher permits, with a school-age emphasis. The permit allows them to work in after-school programs and Head Start programs and to work as para-educators.

Required Courses	Units
EDUC 1	Introduction to the Field of Education
ENGL 47	Children's Literature
SOC 13	Sociology of the Family

Select 3 units from the following:

CHDEV 51	Child Growth and Development	3
PSYCH 21	Lifespan Human Development	3
	Total Units	12

#### Program Learning Outcomes

Students who complete the program will be able to:

- Model the rudiments of curriculum and lesson planning and analyze models and methods of effective teaching, especially in relation to the needs of a diverse student body
- Effectively analyze children's literature in light of critical theories and formal elements
- Describe how the sociological perspective applies to families and family formation, including understanding the array of family structures in the United States, along with current social and economic trends impacting American families
- Describe major developmental milestones for children from conception through adolescence in the areas of physical, psychosocial, cognitive, and language development, differentiating characteristics of typical and atypical development

## CBEST Test Preparation

### Certificate of Completion

This program prepares students to pass the CBEST tests in English and mathematics, standardized exams that future K-12 teachers in California must pass prior to being hired as teachers.

Career Opportunities:

This program addresses the critical teacher workforce crisis in California as well as the testing barriers created by requirements like CBEST completion for beginning teachers. Those who successfully complete the program in order to pass the CBEST exams may become K-12 teachers in California.

*Required Courses* *Units*

EDUC 502A *Test Preparation for CBEST Basic Skills Test – English* 0

EDUC 502B *Test Preparation for CBEST Basic Skills Test – Mathematics* 0

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Apply practical test-taking strategies and techniques
- Manage time and anxiety effectively in a test-taking situation

## Tutor Training

### Certificate of Completion

Students who complete the Tutor Training Certificate of Completion qualify to receive International Tutor Training Program certificates, which show that they are able to tutor effectively in at least one specific discipline and empower fellow students to be independent, resilient, and self-confident learners.

This program meets College Reading and Learning Association (CRLA) guidelines for International Tutor Training Program Certifications (ITTPC), a nationally recognized program. The CRLA has certified the Berkeley City College Writing Center to award this certificate. Certified tutors are thus able to demonstrate that their training has met international standards, which enhances their ability to find employment in high schools, community colleges, and adult schools, as well as in private tutoring.

Career Opportunities:

Students who complete this program qualify for the College Reading and Learning Association guidelines for International Tutor Training Program Certifications (ITTPC), a nationally recognized program. Certified tutors are able to demonstrate that their training has met national standards, which enhances their ability to find employment in community

colleges and adult schools, as well as in private tutoring.

*Required Courses* *Units*

EDUC 510A *Tutor Training I* 0

EDUC 510B *Tutor Training II* 0

Program Learning Outcomes

Students will be able to:

- Demonstrate the ability to tutor effectively, fostering independent learning and resilience, teaching targeted skills and concepts, and addressing students’ psychological barriers to learning
- Demonstrate the ability to tutor effectively in subject-specific and/or skill-specific areas, teaching targeted skills and concepts, demonstrating cultural awareness and sensitivity to diversity, and addressing students’ special needs

### EDUC 1, Introduction to the Field of Education

*3 Units*

*3 hrs lecture (GR or P/NP).*

*Acceptable for credit: UC/CSU*

*AA/AS area 2*

Historical and sociological analysis of the educational system and careers in teaching: Study of principles of effective instructional models with emphasis on student-centered and culturally relevant methods, research of resources for curriculum and instruction, and observation of teaching practices in local schools. 0801.00

### EDUC 18, Mathematical Concepts for Teachers

*3 Units*

*3 hours lecture (GR)*

*Acceptable for credit: CSU*

Structure, properties, and operations of the real number system, including pedagogical techniques: Introduction to set theory, logic and deductive reasoning; introduction to probability, statistics and inductive reasoning; review of geometry in two and three dimensions (British and metric measure, perimeter, area, volume, characteristics of basic plane and solid figures). Survey course intended primarily for education majors planning to teach in the primary grades, including transitional kindergarten. Not open for credit to students who are enrolled in or have completed MATH 18. 1701.00

### EDUC 97, Field Studies in Education

*2–4 Units*

*1 hour lecture, 3–9 hours lab (GR or P/NP).*

*Prerequisite or Co-requisite: EDUC 1*

*Acceptable for credit: UC/CSU.*

Course study under this section may be repeated one time for a maximum of 4 units. Supervised field experience in education: Strategies in teaching and/or tutoring in one of a variety of disciplines. 0802.00

### EDUC 98, Pedagogy of Reading

*3 Units*

*3 hrs lecture (GR or P/NP).*

*Acceptable for credit: CSU*

Pedagogy of reading: Theoretical perspectives on reading and reading pedagogy; decoding techniques; reading comprehension techniques; schema building and activation; cognitive and social factors contributing to reading disabilities; reading across the curriculum. 0802.00

### EDUC 99, Introduction to Special Needs Pedagogy

*3 Units*

*3 hrs lecture (GR or P/NP).*

*Acceptable for credit: CSU*

Special Needs Pedagogy: Definition of special needs; history of special education and related policies; categories of disabilities; and appropriate instructional strategies for students with special needs. 0802.00

### EDUC 464, Occupational Work Experience in Education

*1–4 units*

*3.43–15.15 hours lab (GR or P/NP).*

*Acceptable for credit: CSU*

Supervised employment in Education or a related field: Extension of classroom learning to the job site. The employment must be related to the student’s educational or occupational goals. Each 75 hours of paid work equals one unit, while each 60 hours of non-paid work equals one unit. Students can earn at most 16 units through general and occupational work experience courses combined, but may re-enroll in such courses any number of times until the maximum of 16 units is earned. 0801.00

### EDUC 502A, Test Preparation for CBEST Basic Skills Test – English

*0 units*

*0.52 hours lecture, 0.52 hours lab (SP or P/NP)*

CBEST Preparation (English): Preview of the CBEST - California Basic Education Skills Test (English), a standardized exam that future K -12 teachers must pass prior to being hired as a teacher for particular subjects; responding to reading and composition prompts; formatting; test-taking strategies; test-taking anxiety and stress management. 0899.00

### EDUC 502B, Test Preparation for CBEST Basic Skills Test – Math

*0 units*

*0.52 hours lecture, 0.52 hours lab (SP or P/NP)*

CBEST Preparation (Mathematics): Preview of the CBEST - California Basic Education Skills Test (Mathematics), a standardized exam that future K -12 teachers must pass prior to being hired as a teacher for particular subjects; test-taking strategies; test-taking anxiety and stress management. 0899.00

### EDUC 510A, Tutor Training I

*0 Units*

*1 hour lecture, 3 hours lab (SP or P/NP)*

Basics of tutoring: Ethics and philosophy of tutoring; techniques for fostering independent learning; communicating effectively; addressing psychological and emotional barriers to effective learning; encouraging resilience. 0802.00

### EDUC 510B, Tutor Training II

*0 Units*

*1 hour lecture, 3 hours lab (SP or P/NP)*

Prerequisite: EDUC 510A

Intermediate tutoring skills: Review of Tutor Training I; strategies for tutoring in specific subject areas; identifying and using sources; cultural awareness; addressing diversity; use of probing questions. 0802.00

## ENGLISH PROGRAMS

## English

### Associate in Arts for Transfer Degree

Berkeley City College’s English AA-T serves students with a wide variety of goals, including transfer to UC, CSU, or other four-year institutions. Students intending to transfer to U.C. Berkeley with the English major can complete all of the lower-division major preparation coursework at BCC (English 17A or B, 85A, 85B, and 85C). They will learn high-level skills in essay composition and literary analysis.

Students who successfully complete the AA-T in English earn specific guarantees for transfer to the CSU system: admission to a CSU with junior status and priority admission to a CSU campus and to a program or major in English or a similar major. Students transferring to a CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor’s degree.

Students are required to complete 60 semester units that are eligible for transfer to a California State University, including both of the following: (1) The Inter-segmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements and (2) 22 semester units with a grade of C or P or better in the major and an overall minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. For a more detailed description of Associate Degrees for Transfer, see “Associate Degrees for Transfer (ADT) to a California State University” on page 31.

Students are advised to consult with a Berkeley City College Counselor for additional information and to verify transfer requirements.

*Required Courses* *Units*

ENGL 1B *Composition and Reading* 4

ENGL 5 *Critical Thinking in Reading and Writing* 3

ENGL 85A *Literature in English Through Milton* 4

ENGL 85B *Literature in English: Late 17th Through Mid-19th Century* 4

ENGL 85C *Literature in English: Mid 19th through the 20th Century* 4

Select 3 units from the following:

ENGL 17A *Shakespeare* 3

ENGL 17B *Shakespeare* 3

ENGL 50 *Multicultural American Literature* 3

Major Requirements 22

General Education (IGETC or CSU GE) and Electives 38

Total Units 60

### Recommended Course Sequence

You can use the following pattern to complete an Associate in Arts in English for Transfer degree. This is only one possible pattern. If you wish to earn an associate degree, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a Counselor. This plan will map your sequence of courses to help you complete your degree regardless of the semester you begin classes.

**NOTE: Because ENGL 1A is a prerequisite to all other required courses in this program, students should complete it in their first semester as part of their general education requirements.**

*Course* *Units*

1st Semester/Fall

General Education Requirements and Electives 15

Total 15

2nd Semester/Spring

ENGL 1B *Reading and Composition* 4

ENGL 5 *Critical Thinking in Reading and Writing* 3

General Education Requirements and Electives 8

Total 15

3rd Semester/Fall

ENGL 85A *Literature in English Through Milton* 4

OR

ENGL 85B *Literature in English: Late 17th Through Mid-19th Century* 4

ENGL 85C *Literature in English: Mid 19th through the 20th Century* 4

General Education Requirements and Electives 7

Total 15

4th Semester/Spring

ENGL 85B *Literature in English: Late 17th Through Mid-19th Century* 4

OR

ENGL 85A *Literature in English Through Milton* 4

ENGL 17A *Shakespeare* 3

General Education Requirements and Electives 8

Total 15

Program Learning Outcomes

Students who complete the program will be able to:

- Write well organized, well developed, effective, well edited, logically sound, and clear essays.
- Apply active reading strategies in order to critically analyze texts.
- Effectively analyze literature—fiction, poetry, drama, and creative non-fiction—in light