

Competence in mathematics must be demonstrated by obtaining a satisfactory grade in a mathematics course at the level of the course typically known as Intermediate Algebra (either Intermediate Algebra or another mathematics course at the same level, with the same rigor and with Elementary Algebra as a prerequisite, approved locally) or by achieving a score on an assessment comparable to satisfactory completion of the specified mathematics course. Satisfactory completion of a mathematics course at the level of Intermediate Algebra or higher satisfies both this competency requirement and the Communication and Analytical Thinking GE coursework requirement.

For the purpose of this section, “satisfactorily completed” means either credit earned on a “pass-no pass” basis or a grade point average of 2.0 or better in community college credit courses in the curriculum upon which the degree is based.

## **II. Associate Degree for Transfer Degrees: AA-T and AS-T**

Associate Degrees for Transfer (ADT) were developed in response to Senate Bill 1440 (Padilla, 2010) and subsequent revisions to Education Code section 66746(a) that required community colleges to develop and offer “associate degrees for transfer” which fulfill the lower division component of a baccalaureate major at a California State University. These degrees allow students to fulfill lower division major requirements at a community college and guarantee transfer with junior status to the CSU system. Students who complete an ADT and transfer to a similar major at a CSU are guaranteed a pathway to finish their baccalaureate degrees in 60 semester or 90 quarter units. These degrees require students to meet both of the following requirements:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - (A) The Intersegmental GE Transfer Curriculum (IGETC) or the California State University GE-Breadth Requirements (CSU GE-Breadth).
  - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.

ADTs include both Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T) degrees. The law authorizing these degrees also requires that students must earn a “C” or better in all courses required for the major or area of emphasis. A “P” (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis. Education Code section 66746(b) prohibits a community college district from imposing any additional course requirements for a student to be eligible for the associate degree for transfer, and subdivision (e) prohibits allowing remedial

non-collegiate level coursework to be counted toward the units required for the associate degree for transfer (AA-T or AS-T). Title 5, section 55002(b) describes such courses as “nondegree-applicable credit courses.”

The designators for the Associate in Arts for Transfer (AA-T) and the Associate in Science for Transfer (AS-T) degrees have been established by the ASCCC and are reserved only for associate degrees that meet all requirements of SB 1440 and Education Code section 66746. The term “transfer degree” is likewise restricted to ADTs.

## **A. Degree Standards**

The following standards apply to the development and approval of the Associate Degree for Transfer:

- 60 semester units or 90 quarter units,
- Minimum 18 semester or 27 quarter units in major or area of emphasis,
- Must use CSU GE-Breadth or IGETC,
- May include transferable electives to reach 60 semester units or 90 quarter units,
- No local graduation requirements,
- Must align with structure of TMC, and
- Constituent courses must have either C-ID or articulation/transfer status with CSU as specified on the TMC and the Chancellor’s Office Template.

### **1. Minimum Units**

The minimum number of units for the ADT is 60 semester or 90 quarter units that are CSU transferable. Students awarded this degree must complete at least 12 semester or 18 quarter units in residence.

### **2. Major or Area of Emphasis: Transfer Model Curriculum**

An inter-segmentally developed Transfer Model Curriculum (TMC) defines the major or area of emphasis for all ADT degrees. In the implementation process for SB 1440 and Education Code section 66746 the ASCCC, in collaboration with the CSU Academic Senate, has developed a Transfer Model Curriculum (TMC) for certain majors that have been identified for students who transfer from a CCC to CSU. According to title 5, section 55063 and Education Code section 66746 the associate degree must include a major or area of emphasis consisting of a minimum of 18 semester or 27 quarter units.

TMCs were developed as a means of facilitating a statewide response to the mandate that all community colleges offer “associate degrees for transfer.” Draft TMCs are developed by intersegmental faculty (CCC and CSU, primarily) in the discipline and then made available for vetting at [www.c-id.net](http://www.c-id.net). Once a template for a TMC is finalized, community college faculty may

then develop degrees that align with the TMC. The designators for these aligned TMC degrees are Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T).

When an associate degree for transfer is approved by the California Community Colleges Chancellor's Office, the CSU Chancellor's Office will be notified so that the approved associate degree may be included in the CSU Mentor transfer application and in other publications. This data is used to identify eligible students who apply to the CSU for admission as described in Education Code section 66747.

Education Code section 66746 requires that community colleges create an ADT when they offer a degree in the same discipline (i.e., under the same TOP Code) as an existing transfer model curriculum (TMC) according to the following timelines:

- a. For any approved TMC finalized prior to the start of the 2013–14 academic year, a community college must create an ADT in the major and area of emphasis offered by that college, before the start of the 2015–16 academic year.
- b. For any approved TMC approved subsequent to the commencement of the 2013–14 academic year a community college must create an ADT in every major and area of emphasis offered by that college within 18 months of the approval of the TMC.

A TMC is considered to have final approval when the template is posted by the Chancellor's Office. The approved templates are located on the Chancellor's Office Academic Affairs Division website ([www.cccco.edu/aad](http://www.cccco.edu/aad)) on the [Templates for Transfer Model Curriculum](#) webpage.

### **3. General Education**

Education Code section 66746(a)(1)(A) requires that students complete the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education–Breadth (CSU GE-Breadth) Requirements. Additional GE requirements are not permitted. Courses used to meet the major requirement may also be used to meet the GE requirement if those courses have been approved for IGETC or CSU GE-Breadth.

Most ADTs require full completion of IGETC or CSU GE-Breadth. However, certain ADTs are instead based on the completion of IGETC for STEM or CSU GE-Breadth for STEM. The IGETC for STEM and CSU GE-Breadth for STEM options permit students to follow the IGETC or CSU

GE-Breadth curriculum but delay one Arts or Humanities course and one Social or Behavioral Science course until after transfer.

#### **4. Electives**

ADTs may include additional transferable electives, if necessary, to bring the total degree-applicable units to 60 semester units or 90 quarter units.

#### **5. Prohibited Practices**

Education Code section 66746(b) states “community college district shall not impose any requirements in addition to the requirements of this section, including any local college or district requirements ....” Local college or district requirements that are prohibited include additional graduation requirements, such as additional GE requirements or a residency requirement that exceeds the minimum set by title 5.

While the current program submission and approval process requires colleges to design ADTs that do not exceed 60 semester or 90 quarter units, a community college may confer the ADT to students who exceed the minimum units required for the degree.

### **B. Criteria for Approval**

The Submission and Approval Guidelines provide greater detail on the process of obtaining Chancellor’s Office approval of the ADT. In summary, ADTs must meet the following criteria for approval:

- Submission includes all required documentation:
  - Program Narrative,
  - Completed Chancellor’s Office Template,
  - C-ID or ASSIST Articulation Information, as required by the TMC, and
  - COR for all courses included in major or area of emphasis.
- Degree meets all standards as listed above. Verification of meeting these standards is conducted through review of required documentation.
- Degree is submitted with program goal of “Transfer.”

#### **1. Program Narrative**

Only the Program Goals and Objectives and Catalog Description items are required for the Narrative. The catalog description must reflect the following:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,

- Minimum grade of “C” (or “P”) for each course in the major, and
- Completion of IGETC and/or CSU GE-Breadth.

Submission of a COR is required for each course specified in the major. All ADT degrees are submitted with “Transfer” as the program goal.

## **2. Chancellor’s Office Templates for Approved Transfer Model Curriculum**

The Chancellor’s Office develops a template for each approved TMC. The templates are located on the Chancellor’s Office Academic Affairs Division website ([www.cccco.edu/aad](http://www.cccco.edu/aad)) on the [Templates for Transfer Model Curriculum](#) webpage. All submissions must include a completed, current template.

## **3. Course Identification Numbering System or ASSIST Articulation Documentation**

The template specifies all of the courses that may be included in the ADT and the documentation required for each course when the degree is submitted for approval. Typically, all required core courses are identified by a Course Identification Numbering System (C-ID) descriptor, which sets the minimum standards for what should be included the COR. When a C-ID descriptor is listed on the template, C-ID articulation is required for the course(s) to be included in that section of the template. Additional information on C-ID descriptors and C-ID articulation is located on [www.c-id.net](http://www.c-id.net). However, courses pending C-ID approval over 45 days may be included in the degree if the program application demonstrates evidence that those courses has been submitted to and are under review in the C-ID System (e.g., submitted, resubmitted, in progress, conditional and/or approved). Thus, for evidence, please submit a screenshot from the C-ID website that includes the date of submission, course name, and college.

Courses on the template that do not need an approved C-ID descriptor require different documentation to justify the inclusion of the course. These include:

- *Articulation Agreement by Major (AAM)* demonstrating lower division preparation at one CSU campus,
- *CSU Baccalaureate Level Course List by Department (BCT)* showing the courses are CSU transferable, and
- *CSU GE-Breadth Certification Course List by Area (GECC)* identifying the transfer GE area(s) for which the course was approved.

Documentation for the above can be located on the articulation website ([www.assist.org](http://www.assist.org)) for inclusion in the application.

### C. Double Counting Procedures for General Education

The TMC template also requires the IGETC and CSU GE-Breadth status of each course and how the units may be double counted, i.e., how the units can be used to fulfill both major preparation and transfer GE requirements. The general guidelines for double counting are:

The maximum number of “double counted” units is limited to the number of units assigned to each GE Area (see Submission and Approval Guide for a listing of CSU GE-Breadth and IGETC areas and assigned units).

**Example:** A college’s Calculus course is 5 units. The maximum number of units allowed for CSU GE-B Area B4 and IGETC Area 2 is 3 units. Thus, only 3 of the 5 units of the calculus course can be double counted for the CSU GE Area B4 or IGETC Area 2.

Courses can only be double counted in one GE Area.

**Example:** The Early Childhood Education Transfer Model Curriculum (TMC) identifies C-ID CDEV100 as applicable to CSU GE Area D and Area E. However, the “double counted” units can only apply to either CSU GE Area D or E, but not both. (The course maximum for either CSU-GE Area D or E is 3.)

### III. Career Technical Education Degrees: AA and AS

The standards for all associate degrees are set forth in title 5, section 55063. These include demonstrated competence in reading, in written expression, and in mathematics, and satisfactory completion of at least 60 semester units or 90 quarter units of degree-applicable credit course work in a major or area of emphasis, GE, and elective courses as needed to meet the minimum unit requirement. Associate degrees are classified as Career Technical Education (CTE) when they are in a TOP Code designated as vocational in the TOP Manual. CTE degrees may include transfer preparation as a component or as the primary intent of the program.

#### A. Degree Standards

Associate degrees classified as CTE must meet the following standards applicable to the development and approval of all AA and AS degrees submitted in this category:

- Minimum of 60 semester units or 90 quarter units;
- Minimum 18 semester units or 27 quarter units in major or area of emphasis as described in title 5, section 55063(a);
- Any GE pattern allowed by regulations, as determined by the college;
- Must include local graduation requirements;