



ASSOCIATE IN SCIENCE/PRE-ENGINEERING CHECKSHEET ACADEMIC PLAN BIG SANDY COMMUNITY & TECHNICAL COLLEGE

Student Name: _____

SS# _____ ID# _____

GPA _____ (with Distinction – 3.40 to 3.59 / With High Distinction – 3.60 to 4.00)

CORE TRANSFER COMPONENT

Writing/Oral Communications: (ENG 101 & 102 are required plus any 3 credit hour COM course listed below)

ENG 101 (3) COM 181 (3) _____ COM 281 (3)
 ENG 102 (3) _____ COM 252 (3) _____ COM 287 (3) **Total Credit Hours** 9

Heritage (3 credit hours required)

_____ HIS 104 (3) _____ HIS 108 (3) _____ HIS 240 (3)
_____ HIS 105 (3) _____ HIS 109 (3) **Total Credit Hours** 3

***Humanities:** (3 credit hours required)

_____ ART 100 (3) _____ ENG 262 (3) _____ ENG 281 (3)
_____ PHI 130 (3) _____ MUS 100 (3) _____ RS 130 (3)
_____ ENG 161 (3) _____ PHI 100 (3) **Total Credit Hours** 3

Social Interaction: (9 credit hours required) Two disciplines must be represented (i.e. ECO, PS, PSY, PY, SOC)

_____ _____ (3) _____ _____ (3) _____ _____ (3) **Total Credit Hours** 9

Science: (CHE 170, CHE 180, CH 173 (LAB) CH 175 (LAB) (TOTAL 8 CREDITS.)

_____ _____ (3) _____ _____ (3) Lab _____ _____ (1) Lab _____ _____ (1)
Total Credit Hours 6 + 2 (8)

Mathematics: (3 credit hours required. Excludes all MAH and developmental courses.)

MT 175 Pre-Engineering Curriculum
_____ MA 109 (3) (AA/AS Degrees)
_____ MT 145 (3) (AA Degree Only)
_____ MT 150 (3) (AA/AS Degrees – Effective Fall 2004)
_____ STA 200 (3) (AA/AS Degrees) **Total Credit Hours** 5

Total Credit Hours for the Core Transfer Component 37

ADDITIONAL GENERAL EDUCATION REQUIREMENTS BEYOND CORE

	AA	AS
<u>Heritage/Humanities/Foreign Language:</u>	3	---

<u>Heritage/Humanities/Social Interaction/Foreign Language:</u>	3	---
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<u>Science or Mathematics:</u>	3	9
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If the Mathematics option is chosen, the course must be numbered higher than MT 150, STA 200, STA 291, or MA 123 may be used to satisfy the Mathematics Requirement. This excludes all MAH, MT 120 and developmental courses. AS Degrees must include at least 3-4 credit hours in MA/MT higher than 150 or STA courses.

 5 Credit Hours MT 185

 4 Credit Hours MT 275

 Credit Hours

 Credit Hours

<u>Computer Literacy: CIS 100/CS 101/OST 105</u>	3	3
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Mathematics MT 285	3	3
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<u>Elective Credits:</u>	12	12
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(Students should be advised to use those hours that may satisfy additional general education credits or structural transfer electives to the institution to which they are transferring)

 4 Credit Hours PHY 231 1 Credit Hours PHY 241 Physics Lab 1

 4 Credit Hours PHY 232 1 Credit Hours PHY 242 Physics Lab 2

 2 Credit Hours CHE 183/185 Chemistry Lab 2

Credit Hours 27

Notes:

*** All Honors students must take HON 101 as a Humanities course and complete additional 9 credits: HON 102, 201, and 202 for a total of 73 credits.**

Computer Literacy: A student must pass an approved (3) credit hour course unless the computer competency exam is successfully completed.

Cultural Studies: At least one course within the 48 cr. Hr. general education block must be selected from the identified Cultural Studies course list. (COM 254; ENG 264; HIS 265; HUM 202; PS 235; RS 130; SED 101 & 102; SPA 101 & 102; HIS 265)

Associate in Arts and Associate in Science Degrees are awarded to students who have completed a minimum of 60 credit hours with an accumulative grade point average of 2.00 or higher.

Development/remedial courses (courses number 001-099) CANNOT be used to satisfy graduation requirements. These courses; however, must be taken as determined by placement scores as required by KCTCS policies on mandatory placement.

This audit is based on successful completion of current coursework. A course used to fulfill one requirement cannot be used to fulfill another requirement.

A student will be eligible for an additional degree when the student has completed the requirements of the second curriculum including a minimum of six (6) additional hours relevant to the second degree and has applied for the degree.