

## Palo Alto College

If the entire core curriculum below is completed at Palo Alto College, then the UTSA Core Curriculum is considered completed. Some options of the components have been omitted, leaving the one or two options most recommended for this degree program.

<input type="checkbox"/>	Communication	ENGL 1301 and 1302	6
<input type="checkbox"/>	Mathematics	MATH 2413 (1 hour applies to additional courses)	3
<input type="checkbox"/>	Natural Sciences	PHYS 1570 (2 hours apply to additional courses)	3
<input type="checkbox"/>	Humanities	Choose two from: ENGL 2332, 2333, 2322, 2323, 2327, 2328; FREN 2311, 2312; SPAN 2311, 2312; GERM 2311, 2312; HUMA 1301; PHIL 1301, 1304, 2303, 2306	6
<input type="checkbox"/>	Visual and Performing Arts	Choose one from: ARTS 1301, 1303, 1304; DRAM 1310; MUSI 1306	3
<input type="checkbox"/>	United States History	HIST 1301 and 1302	6
<input type="checkbox"/>	Political Science	GOVT 2305 and 2306	6
<input type="checkbox"/>	Social/Behavioral Science	Choose one from: ANTH 2346; CRIJ 1301, 1306, 1307, 1310; ECON 2301, 2302, GEOG 1301, 1303; HIST 2302, 2303, 2311, 2312; IDST 2371, 2372; PSYC 2301, 2306, 2308, 2314, 2316, 2317; SOCI 1301, 1306, 2301; SOCW 2361, 2362	3
<b>PAC-Defined Requirements+</b>			
<input type="checkbox"/>	Speech+	Choose one from: SPCH +1311, +1318 or +1321	3
<input type="checkbox"/>	Natural Sciences+	CHEM +1311/1111	4
<input type="checkbox"/>	Computer Literacy+	+COSC 1300	3
<input type="checkbox"/>	Physical Education+	+PHED	1
<b>Total Hours to complete Core Curriculum</b>			<b>47</b>

Courses listed with a + sign are Chart II-Institutionally designated. If the ENTIRE core curriculum is not completed at the community college before transferring, these +sign courses will transfer as electives, and students may be required to take other courses at UTSA to satisfy like components.

## Palo Alto College, contd.

In addition, while at Palo Alto College, students should take these courses:

<input type="checkbox"/>	MATH 2414 ( <i>transfers to UTSA as MAT 1223</i> )	4
<input type="checkbox"/>	PHYS 2570 ( <i>transfers to UTSA as PHY 1924 &amp; 1931</i> )	5
<input type="checkbox"/>	ENGR 2303 ( <i>transfers to UTSA as EGR 2213</i> )	3
<input type="checkbox"/>	ENGR 1201 and ENGR 1371 – Both courses must be completed for equivalent material of EGR 1303 (3 hours) at UTSA.	5
<input type="checkbox"/>	MATH 2318 and MATH 2320 – Both courses must be completed for equivalent material of EGR 2323 (3 hrs) at UTSA.	5
<input checked="" type="checkbox"/>	MATH 2413 and PHYS 1570 from Core (3 hours applied)	3

**Total hours in addition to Core Curriculum** **25**

**TOTAL HOURS AT Palo Alto College** **72**

## UTSA

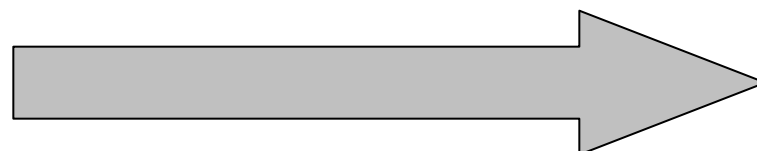
Upon transferring to UTSA, students should complete the following 68 hours for the degree:

<input type="checkbox"/>	Foundation and Required General Mechanical Engineering Courses	25
<input type="checkbox"/>	“Energy” Stem of Mechanical Engineering	14
<input type="checkbox"/>	“Structures & Motions of Mechanical Engineering” Stem	17
<input type="checkbox"/>	Mathematics/Science Elective	3
<input type="checkbox"/>	Technical Electives	9

**TOTAL HOURS AT UTSA** **68**

**TOTAL HOURS FOR THE DEGREE** **140**

The official source of information on specific courses within the UTSA requirements for this degree plan is the *2002–2004 Undergraduate Catalog*. See page 183 of the catalog or visit the Web site at [www.utsa.edu](http://www.utsa.edu).



# Notes

## *At Palo Alto College*

- ☞ Read the Palo Alto College catalog course descriptions for prerequisites.
- ☞ Visit with a Palo Alto College counselor for help with course sequencing.
- ☞ Only 66 transferable semester credit hours from a community college can be applied to a bachelor's degree at UTSA. This plan indicates 73 hours may be taken at this community college. Once the student has enrolled at UTSA, the necessary adjustments will be made so the 66-hour limit will be met.
- ☞ Because of course sequencing and prerequisite requirements, the College of Engineering **very strongly recommends** that students complete only the following core curriculum requirements at the community college level: Composition, Mathematics, Natural Sciences, United States History, United States Government.

## *At UTSA*

- ☞ Be sure to visit the College of Engineering Undergraduate Advising Center, Room SB 1.01.04 F; Phone (210) 458-5525/7927/5648 for assistance with course sequencing.
- ☞ Please note that developmental education, orientation, life experience, high school level, mathematics below the College Algebra level, or vocational-technical courses are not acceptable for transfer credit at UTSA.
- ☞ All engineering, science, mathematics, and prerequisite courses must be completed with a grade of "C" or better.

☞ ***It is very important that students pay close attention to course prerequisite sequencing and availability at both the community college and at UTSA as it will affect the time it takes to complete entire degree program.***

## Palo Alto College and The University of Texas at San Antonio

## Transfer Plan for the Bachelor of Science in Mechanical Engineering

2002–2004

*We are pleased that you are considering the Transfer Program between your college and The University of Texas at San Antonio. Please remember that the Transfer Plan brochure does not take the place of The University of Texas at San Antonio 2002–2004 Undergraduate Catalog and UTSA Information bulletin. You should also consult the community college bulletin for other requirements and regulations that cannot be listed in this brochure.*

*University of Texas at San Antonio  
Office of Admissions*