



TEXAS A&M UNIVERSITY-SAN ANTONIO

University Access

## BACHELOR OF SCIENCE IN CYBER ENGINEERING TECHNOLOGY: 42 HOUR DUAL CREDIT GUIDE

This transfer guide is meant for dual credit students interested in pursuing a major at Texas A&M University-San Antonio after high school graduation. Please use this guide to help choose dual credit courses that may be offered at your high school. **This is a guide and does not constitute an official degree plan.**

### Core Curriculum

| College Course               | College Course                                       | Credits   | High School Course |
|------------------------------|--|-----------|--------------------|
| ENGL 1301                    | Composition I  | 3         | English III or IV  |
| ENGL 1302 or ENGL 2311       | Composition II <b>OR</b> Technical Writing           | 3         | English III or IV  |
| MATH 1314                    | College Algebra                                      | 3         |                    |
| PHYS 2325                    | University Physics I                                 | 3         |                    |
| PHYS 2326                    | University Physics II                                | 3         |                    |
| Lang/Phil/Culture            | Select <b>ONE</b> course from approved 040 core list | 3         |                    |
| Creative Arts                | Select <b>ONE</b> course from approved 050 core list | 3         |                    |
| American History             | Select <b>ONE</b> course from approved 060 core list | 3         |                    |
| American History             | Select <b>ONE</b> course from approved 060 core list | 3         |                    |
| Government/Political Science | Select <b>ONE</b> course from approved 070 core list | 3         |                    |
| Government/Political Science | Select <b>ONE</b> course from approved 070 core list | 3         |                    |
| Social & Behavioral Sciences | Select <b>ONE</b> course from approved 080 core list | 3         |                    |
| MATH 2312                    | Pre-calculus   | 3         |                    |
| MATH 2313                    | Calculus I   | 3         |                    |
| <b>Total SCHs</b>            |  | <b>42</b> | <b>42</b>          |

### Required Support Courses

(Courses may be taken at the community college)

| College Course                | College Course                       | Credits  | High School Course |
|-------------------------------|--------------------------------------|----------|--------------------|
| MATH 2314 <b>OR</b> MATH 3340 | Calculus II <b>OR</b> Linear Algebra | 3        |                    |
| MATH 2113                     | Calculus I Lab                       | 1        |                    |
| MATH 2114                     | Calculus II Lab                      | 1        |                    |
| PHYS I 2125                   | University Physics I lab             | 1        |                    |
| PHYS II 2126                  | University Physics II lab            | 1        |                    |
| <b>Total SCHs</b>             |                                      | <b>7</b> |                    |

**Note about core curriculum courses:** Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements and are recommended in the core to expedite degree completion. This is only a guide and does not constitute an official degree plan. To access the 2019-2020 A&M-SA catalog:

<http://www.tamusa.edu/provost/universitycatalog.html>