



2020-2021 GUIDED PATHWAY

Associate of Applied Science in Drafting/Design Engineering Technology

FIRST FALL

| 16 WEEKS | NOTES | SCH | COMPLETED |
|--|-------|-----------|--------------------------|
| FIRST 8 WEEKS | | | |
| DFTG 1309 - Basic Computer-Aided Drafting | | 3 | <input type="checkbox"/> |
| SRVY 1301 - Intro. to Surveying | | 3 | <input type="checkbox"/> |
| SECOND 8 WEEKS | | | |
| DFTG 2319 - Intermediate Computer-Aided Drafting | | 3 | <input type="checkbox"/> |
| SRVY 1313 - Plane Surveying | | 3 | <input type="checkbox"/> |
| Total SCH | | 12 | |


SECOND FALL

| 16 WEEKS | NOTES | SCH | COMPLETED |
|--|-------|-----------|--------------------------|
| FIRST 8 WEEKS | | | |
| DFTG 1317 - Architectural Drafting-Residential | | 3 | <input type="checkbox"/> |
| CNBT 2304 or ENGT 2304 | | 3 | <input type="checkbox"/> |
| SECOND 8 WEEKS | | | |
| DFTG 2328 - Architectural Drafting-Commercial | | 3 | <input type="checkbox"/> |
| DFTG 2347 - Adv. Tech. Animation and Rendering | | 3 | <input type="checkbox"/> |
| Total SCH | | 12 | |

FIRST SPRING



| 16 WEEKS | NOTES | SCH | COMPLETED |
|-----------------------------------|-------|-----------|--------------------------|
| FIRST 8 WEEKS | | | |
| DFTG 2340 - Solid Modeling/Design | | 3 | <input type="checkbox"/> |
| DFTG 2330 - Civil Drafting | | 3 | <input type="checkbox"/> |
| SECOND 8 WEEKS | | | |
| DFTG 2335 or DFTG 2334 | | 3 | <input type="checkbox"/> |
| DFTG 1305 or ENGR 1304 | | 3 | <input type="checkbox"/> |
| Total SCH | | 12 | |

SECOND SPRING





| 16 WEEKS | NOTES | SCH | COMPLETED |
|--|-------|-----------|--------------------------|
| FIRST 8 WEEKS | | | |
| DFTG 2380 - Cooperative Ed. - Draft/Design Tech | | 3 | <input type="checkbox"/> |
| SECOND 8 WEEKS | | | |
| ENGR 1201 - Intro. to Engineering | | 2 | <input type="checkbox"/> |
| SECOND 8 WEEKS | | | |
| DFTG 2438 - Final Project/Advanced Drafti | | 4 | <input type="checkbox"/> |
| Lang, Phil, Cult, or Creative Arts core FY  | | 3 | <input type="checkbox"/> |
| Total SCH | | 12 | |

The following summer classes can also be taken during any fall or spring semester.

| FIRST SUMMER | NOTES | SCH | COMPLETED |
|---------------------------|-------|-----------|--------------------------|
| ENGL 1301 - Composition I | FY | 3 | <input type="checkbox"/> |
| MATH 1314 or MATH 2412 | FY | 3 | <input type="checkbox"/> |
| Total SCH | | 6 | |
| First Year SCH | | 30 | |

| SECOND SUMMER | NOTES | SCH | COMPLETED |
|--------------------------------|--|-----------|--------------------------|
| ENGL 1302 or ENGL 2311 | FY  | 3 | <input type="checkbox"/> |
| Social/Behavioral Science core | FY  | 3 | <input type="checkbox"/> |
| Total SCH | | 6 | |
| Second Year SCH | | 30 | |
| Graduation SCH | | 60 | |

Definition of Notes

-  Must successfully complete the course in order to progress in the AAS Drafting/Design CAD Engineering Tech.
-  Apply for graduation for Level 1 Certificate in Drafting/Design CAD Engineering Technology
- FY** Course will be offered on a continuous basis so that a student can take the course in any fall and spring semester.
-  Meet with an academic advisor or department chair for university specific transfer course.
-  Come talk to an advisor about your Temple College graduation and your university transfer plans.

Helpful Links

- [Expenses and Scholarships](#)
- [Core Curriculum Courses](#)
- [Financial Aid Information](#)
- [ENG TECH Website](#)

Transfer Outlook

The AAS in Drafting & Design Engineering Technology prepare individuals to apply technical knowledge and skills by developing working drawings utilizing engineering graphics, 2D and 3D engineering design, solid modeling, engineering animation and architectural related construction projects, basic construction and structural design. Instruction also includes basic civil engineering principles, geological and land surveying app, geometric dimensioning and tolerance, blueprint reading, and technical communication. The Engineering Technologist supports engineering projects for Architects, Civil Engineers, Geological Engineers, Mechanical, Electrical and Industrial Engineers and related professionals.

Career Outlook

- Civil Drafter** - \$40,853* w/Associate Degree
- Engineering Technician** - \$43,462* w/Associate Degree

*Based on entry-level jobs in Central Texas