

# Chemistry

## Associate of Science in Chemistry (60 Semester Credit Hours)

Suggested Course of Study for University Transfer Students

First Semester - 15 SCH	Second Semester - 17 SCH
ENGL 1301 MATH 2413 HIST 1301 EDUC/PSYC 1100 CHEM 1411	ENGL 1302 MATH 2414 HIST 1302 ARTS 1301 CHEM 1412
Third Semester - 14 SCH	Fourth Semester - 14 SCH
CHEM 2423 ECON 2301 GOVT 2305 PHYS 2425	CHEM 2425 HIST 2321 GOVT 2306 PHYS 2426

# Computer Aided Design

The Department of Computer Aided Design presents a series of courses designed to familiarize students with the concepts of Drafting and Design. Using the latest in Computer Assisted Design (CAD) capabilities, these courses will prepare the student for the job market. The new 3D Printing Lab provides a level of expertise making graduates attractive to employers, as well.

## Associate of Applied Science in Computer Aided Design (60 Semester Credit Hours)

First Semester - 15 SCH	Second Semester - 15 SCH
PSYC 1300 DFTG 1309 DFTG 1305 DFTG 2319 DFTG 1325	DFTG 1345 DFTG 2312 DFTG 2302 DFTG 2340 SPCH 1321
Third Semester - 15 SCH	Fourth Semester - 15 SCH
DFTG 1317 DFTG 2321 DFTG 2331 DFTG 2328 ENGL 1301	DFTG 1358 DFTG 2323 DFTG 2338 MATH 1314 DRAM 1310

**CERTIFICATE IN CAD TECHNICIAN (36 Semester Credit Hours)****First Semester (12 SCH)**

DFTG 1305 .....	Technical Drafting
DFTG 1309 .....	Basic Computer-Aided Drafting
DFTG 1325 .....	Blueprint Reading and Sketching
DFTG 2319 .....	Intermediate Computer-Aided Drafting II

**Second Semester (12 SCH)**

DFTG 1345 .....	Parametric Modeling and Design
DFTG 2302 .....	Machine Drafting
DFTG 2312 .....	Technical Illustration and Presentation
DFTG 2340 .....	Solid Modeling/Design

**Third Semester (12 SCH)**

DFTG 1317 .....	Architectural Drafting - Residential
DFTG 2321 .....	Topographical Drafting
DFTG 2328 .....	Architectural Drafting - Commercial
DFTG 2331 .....	Advanced Technologies in Architectural Design and Drafting

**CERTIFICATE IN CAD SPECIALIST - LEVEL 2 (45 Semester Credit Hours)****First Semester (12 SCH)**

DFTG 1305 .....	Technical Drafting
DFTG 1309 .....	Basic Computer-Aided Drafting
DFTG 1325 .....	Blueprint Reading and Sketching
DFTG 2319 .....	Intermediate Computer-Aided Drafting II

**Second Semester (12 SCH)**

DFTG 1345 .....	Parametric Modeling and Design
DFTG 2302 .....	Machine Drafting
DFTG 2312 .....	Technical Illustration and Presentation
DFTG 2340 .....	Solid Modeling/Design

**Third Semester (12 SCH)**

DFTG 1317 .....	Architectural Drafting - Residential
DFTG 2321 .....	Topographical Drafting
DFTG 2328 .....	Architectural Drafting - Commercial
DFTG 2331 .....	Advanced Technologies in Architectural Design and Drafting

**Fourth Semester (9 SCH)**

DFTG 1358 .....	Electrical/Electronics/Drawing
DFTG 2323 .....	Pipe Drafting
DFTG 2338 .....	Final Project - Advanced Drafting

**CERTIFICATE IN 3D PROTOTYPING (27 Semester Credit Hours)****First Semester (12 SCH)**

DFTG 1305 .....	Technical Drafting
DFTG 1309 .....	Basic Computer-Aided Drafting
DFTG 1325 .....	Blueprint Reading and Sketching
DFTG 2319 .....	Intermediate Computer-Aided Drafting II

**Second Semester (15 SCH)**

DFTG 1345 .....	Parametric Modeling and Design
DFTG 2302 .....	Machine Drafting
DFTG 2312 .....	Technical Illustration and Presentation
DFTG 2332 .....	Advanced Computer-Aided Drafting
DFTG 2340 .....	Solid Modeling/Design