

CONTACT INFORMATION

Pat Harris

Dean, Science, Engineering & Technology
(757) 825-2898
harrispat@tncc.edu

Tom Pringle

Computer-Aided Drafting & Design
Program Head
(757) 825-3624
pringlet@tncc.edu

Hampton campus

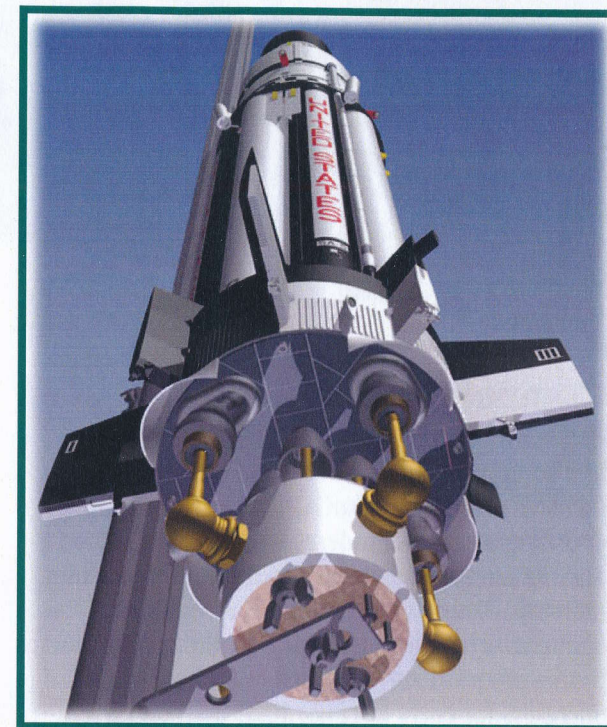
99 Thomas Nelson Drive
Hampton, VA 23666
(757) 825-2800

Historic Triangle campus

4601 Opportunity Way
Williamsburg, VA 23188
(757) 253-4755

Southeast Higher Education Center

(next to Heritage High School)
5720 Marshall Avenue
Newport News, VA 23607
(757) 283-7820 ext. 63532



COMPUTER-AIDED DRAFTING & DESIGN

Science, Engineering & Technology

99 Thomas Nelson Drive
Hampton, VA 23666
(757) 825-2898

At Thomas Nelson Community College, we aim to nurture your potential. With our comprehensive arts and sciences programs, technical and job training courses and transfer curriculums, you can realize your dreams and compete in this global economy. From here, start the job of your dreams or transfer to a four-year college or university. At TNCC, the possibilities are endless.

www.tncc.edu

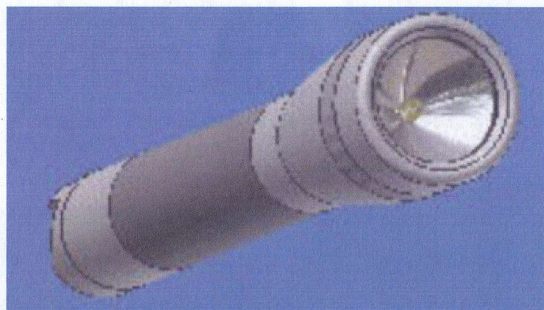


Explore. Excel. Succeed.

Computer-Aided Drafting & Design Program

The computer-aided drafting and design program includes courses in AutoCAD, Inventor and CREO (Pro/Engineering). Students will learn the basics and the advanced concepts utilized in the drafting industry. Courses also available in Additive Manufacturing and Electronics Drafting. The courses in this program are designed to prepare CADD operators for entry level positions and for current designers to update their skills.

Day and evening sessions are available and most drafting courses are also offered in online format. The program can also lead to further study in mechanical and civil engineering technology at the bachelor's degree level.



Computer-Aided Drafting & Design Curriculum

General Education Courses:

ENG 111	College Composition	3
ENG 115	Technical Writing.....	3
HUM EEE	Humanities Elective	3
SS EEE	Social Science Electives.....	6
MTH 115-116	Technical Mathematics I & II	3-3
or MTH 163-164	Precalculus I and II	3-3
PHY 201-202	General College Physics I & II	4-4
HLT/PED	Health or Physical Education Elective(s)	2
SDV 100	College Success Skills	1
TOTAL GENERAL EDUCATION CREDITS.....		32

Major and other Courses:

EEE	DRF, MEC, or EGR Elective	6
CAD 151-152	Engineering Drawing Fundamentals I & II	3-3
CAD 202	Computer-Aided Drafting and Design II	4
CAD 211	Advanced Technical Drafting I	3
CAD 241	Parametric Solid Modeling I.....	4
CAD 280	Design Capstone Project.....	3
MEC 113	Materials and Processes of Industry.....	3
MEC 131	Mechanics I: Statics for Engineering Technology	3
MEC 132	Mechanics II: Strength of Materials for Engineering Technology.....	3
MEC 133	Mechanics III: Dynamics for Engineering Technologies	2
TOTAL MAJOR AND OTHER COURSE CREDITS.....		37
TOTAL MINIMUM CREDITS		69

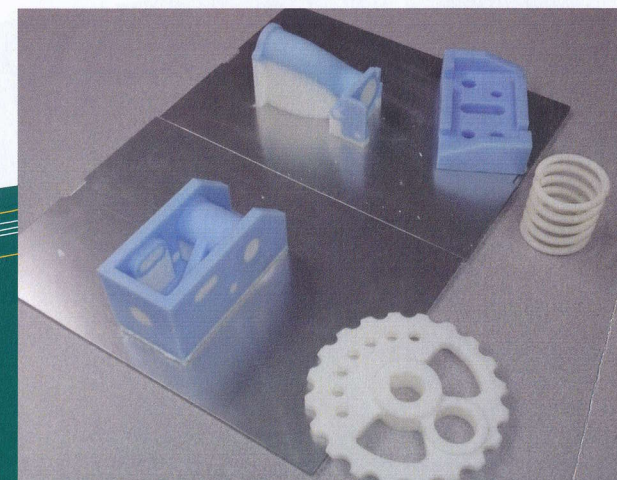
Certificate Opportunities

CAD 151	Engineering Drawing Fundamentals I.....	3
CAD 152	Engineering Drawing Fundamentals II.....	3
CAD 202	Computer Aided Drafting and Design II	4
CAD 241	Parametric Solid Modeling I/	4
or CAD 280	Design Capstone Project.....	3
TOTAL MINIMUM CREDITS		16-17

Dual Enrollment Opportunities

High school students may dual enroll in certain courses contained in this curriculum, simultaneously earning high school and college credit. Eligible courses include: CAD 151.

For information contact your high school guidance counselor or the Dual Enrollment Coordinator at Thomas Nelson Community College, (757)825-2801 or email dualenrollment@tncc.edu



www.tncc.edu