“I am interested in math, designing, and building.”

In the Math and Engineering Interest Area you will focus on programs of study that prepare you to complete certificates, degrees, and transfer, and that can lead to careers in a variety of trades, engineering specializations, as well as design and building.

**PATHWAYS TO A CAREER**
Do these statements describe you?
- I like to solve problems using math.
- I like to invent, design, and build things to solve problems and achieve practical goals.
- I like to build and fix things.
- I appreciate technology and using it to solve problems.
- I enjoy developing theories or hypotheses.
- I like complicated problems and intellectual challenges.
- I can find creative solutions to problems.
- I enjoy managing projects.
- I like to combine physical work with technical skills and knowledge.

**CAREERS WITH BRIGHT OUTLOOKS**
- Actuaries
- Atmospheric & Space Scientists
- Audio & Video Technicians
- Construction and Building Inspectors
- Cost Estimators
- Electricians
- Environmental Engineering Techs
- HVAC Mechanics
- Industrial Engineers
- Remote Sensing Technicians
- Software Developers

**PROGRAMS AT DVC**

**CONSTRUCTION**
- Construction
- Electronical and Electronics Technology
- Energy Systems
- HVACR
- Plumbing
- Steamlifting

**DESIGN**
- Architecture
- Industrial Design

**ENGINEERING**
- Computer Science
- Engineering
- Engineering Technology

**MATH**
- Math

www.dvc.edu
I THINK THAT THIS IS THE INTEREST AREA FOR ME. WHAT SHOULD I DO?

It is great that you have found an area that interests you. You can think of yourself as an explorer! Explorers have identified their interest area and may have a general career goal in mind. They are learning about the careers, programs, majors, and education requirements that are related to that interest area and how their own skills or interests match.

What should an explorer do?

- Enroll in an Interest Area exploration course
- Enroll in a Learning Community related to your interest area
- Visit our career web page – www.dvc.edu/career and explore a few of our favorite online resources such as Career Coach. Attend a workshop!
- Meet with a counselor to discuss your interests
- Go to college Career Fairs and talk to employers about their companies

FIRST YEAR EXPERIENCE - Learning Community

The First Year Experience (FYE) Program is designed especially for first-time college students. FYE will assist in your transition to campus life at DVC. Starting college can be both stressful and exciting, but as part of the DVC FYE community, you have support! To help you succeed, we offer learning communities in your interest area. In a learning community, you take a set of classes (two or more) together. The experience is both challenging and collaborative. It also gives you a great opportunity to make friends.

RECOMMENDED 1st SEMESTER COURSES

Select one of the suggested English Courses

- ENGL 122* - First-Year College Composition and Reading
- ENGL 122AL* - First-Year College English Intensive for Multilingual Students
- ENGL 122L* - First-Year College Composition and Reading with additional support
- ENGL 122A* - First-Year College English for Multilingual Students
- ENGL 122x* - First-Year College Composition and Reading (year long)

Select one of the suggested Math Courses

- Math 121 - Plane Trigonometry (Support Course MATH 021)
- Math 191* - Pre-Calculus
- Math 192* - Analytic Geometry and Calculus I

Select one of the Interest Area Exploration Courses

Architecture
- ARCHI 120 - Introduction to Architecture and Environmental Design
- IDSIGN 120 - Introduction to Industrial and Product Design

Construction
- ELECT 110 - Survey of Electricity
- CONST 114 - Blueprint Reading
- ENSYS 120 - Introduction to Energy Systems

Engineering
- COMSC 110 - Introduction to Programming
- ENGIN 110 - Introduction to Engineering
- ENGTG 160 - Introduction to Industrial and Manufacturing Engineering

*Fulfills one area of IGETC