Job Outlook!

- The number of wage and salary jobs in the construction industry is expected to grow about 11 percent through the year 2014.
- There is an increase in the demand for residential construction, such as homes, apartments, townhouses, and condominiums, especially in the South and the West.
- Earnings in construction are higher than the average for all industries.


It’s easy to get started ...

1. Complete an application for admissions
2. Take the COMPASS assessment
3. Meet with a DCC Counselor to discuss your assessment results and program placement
4. Meet with a DCC Adviser in your program of study to select and register for classes
5. Pay for your classes!

Learn more about ...

Residential Design and Estimation

For more information about this program, contact the faculty:

- James Adkins, Instructor of General Engineering/Drafting & Design, jadkins@dcc.vccs.edu, 434.797.8436; 800.560.4291, ext. 8436.

Call ... 434.797.2222 800.560.4291 TTY: 434.797.8542
Click ... www.dcc.vccs.edu
Come by ... 1008 S. Main Street Danville, VA 24541-4004

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RESIDENTIAL DESIGN AND ESTIMATION

Danville Community College’s new Residential Design and Estimation Program is a one-year certificate program focusing on the design of residential structures. It is designed for both beginners and persons already employed.

**Courses Offered:**
- Computer Software Applications
- Drafting I
- Construction Mathematics
- Architectural Blueprint Reading
- Technical Report Writing
- Materials for Industry
- Introduction to AutoCAD
- Computer Aided Design II
- Surveying I
- Architectural Graphics (Residential Structures)
- Architectural 3D CAD
- Business Economics
- Construction Estimation

You must complete a minimum of 42 credits with a 2.0 grade point average or better to receive the Certificate in Residential Design and Estimation.

**Chief Architect – Powerful and Easy!**
- Create detailed floor plans, elevation views and cross-sections
- Visualize and design with 3D models and virtual tours
- Choose from over 18,000 library items including CAD Details and name brand manufacturers
- Use automated building tools, like automatic framing and roof generation
- Create complete cost estimates with the built-in material lists
- Generate complete landscapes and site planning designs
- Use powerful CAD tools to create custom details
- Produce detailed, professional blueprints and plan sets

**Potential Income!**
- In 2004, production and non-supervisory workers in construction averaged $19.23 per hour ($736/week) Earnings may vary by the workers’ education, experience, the type of work and the geographic region.
- Median earnings for first line supervisors and managers of construction trades are $24.43 per hour.
- Median earning for construction laborers is $12.50.

**If you ...**
- Enjoy working on hands-on projects
- Enjoy working outdoors
- Have the physical strength and stamina to lift and carry heavy objects
- Are able to work independently or in a team

... then the Residential Design and Estimation is the program for you!

**Jobs ...**
The following occupational titles represent examples of possible employment opportunities:
- Construction Estimator
- Construction Planner
- Draftsman
- Sales Technician
- Surveying Assistant
- Site Inspector
- Site Inspector

**About the program ...**
- Extensive training is provided in computer applications, residential design and construction techniques, site surveys, and plan development and layout.
- You will receive specialized training in the use of 3D residential design software, construction mathematics, estimation and materials, and lab exercises.

Source: www.chiefarchitect.com (01-07)