

# Architectural Drafting and Construction Technology (2175)

ASSOCIATE IN SCIENCE DEGREE

## SOME DEGREE SPECIFIC COURSES AVAILABLE AT ORANGE PARK AND ST. AUGUSTINE ONLY

This program prepares students for employment as construction planners and provides supplemental training for persons previously or currently employed in these occupations. The curriculum includes coursework in communication, leadership, human relations, and other skills and knowledge necessary for assisting architects and architectural engineers in planning and designing structures using construction materials and dealing with contracts and specifications.

For more information call (386) 312-4183.

### GENERAL EDUCATION COURSES:

|           |                      |    |
|-----------|----------------------|----|
| ENC 1101  | Composition I        | .3 |
| PSC 1341  | Physical Science     | .3 |
| PSC 1341L | Physical Science Lab | .1 |
| Δ* _____  | Mathematics          | .3 |
| * _____   | Social Science       | .3 |
| +* _____  | Humanities           | .3 |

### DEGREE SPECIFIC COURSES:

|             |                                       |    |
|-------------|---------------------------------------|----|
| ARC 1171C   | CADD for Architecture I               | .3 |
| + ARC 2172C | CADD for Architecture II              | .3 |
| BCN 1210    | Construction Materials                | .3 |
| BCN 1250C   | Principles of Architectural Drafting  | .3 |
| + BCN 1251C | AutoCAD Residential Drawing           | .3 |
| + BCN 1253  | AutoCAD Commercial Drawing            | .3 |
| BCN 1272    | Blueprint Reading                     | .3 |
| BCN 1001    | Introduction to Building Construction | .3 |
| BCT 1760    | Building and Zoning Codes             | .3 |
| CGS 1100    | Microcomputer Software Applications   | .3 |
| CGS 1470C   | Introduction to AutoCAD               | .3 |
| + ETC 2207  | Construction Estimating               | .3 |
| + ETD 2395C | Introduction to Architectural Desktop | .3 |
| + ETD 2541C | Site Planning and Design              | .3 |
| MAN 1949    | Cooperative Education Internship I    | .3 |

### ELECTIVES (CHOOSE TWO):

|            |   |    |
|------------|---|----|
| BUL 1241   | Business Law I                            | .3 |
| MAN 2021   | Principles of Management                  | .3 |
| ^ GEB 1011 | Introduction to Business                  | .3 |
| ^ OST 1581 | Professional Development in the Workplace | .3 |
| + MAN 2949 | Cooperative Education Internship II       | .3 |

**REQUIRED TOTAL CREDIT HOURS . . . . .67**

- \* Refer to A.A. degree general education requirements.
- + Prerequisite course required. See course descriptions in catalog.
- ^ These courses can be substituted for MAN1949 and MAN2949 if necessary.
- Δ Recommend MAC 1105 College Algebra or MGF 1106 Math for Liberal Arts I