

Area: Fine & Applied Arts  
 Dean: Dr. David Newnham  
 Phone: (916) 484-8433  
 Counseling: (916) 484-8572

Degree: A.A. - Interior Planning and Design  
 Certificates: Kitchen and Bath Design  
 Interior Retail Merchandising  
 Para-Professional Interior Design Assistant

## Interior Planning and Design Degree

The A.A. degree in interior planning and design provides a foundation of education and skills for students in the expanding field of interior design. Topics include space planning, building and life-safety codes, and the Americans with Disabilities Act (ADA). Additionally, it covers reading construction documents, and architectural and furniture history.

### Student Learning Outcomes

*Upon completion of this program, the student will be able to:*

- select the appropriate finishes and materials for commercial and residential interiors.
- identify building types and occupancy classifications.
- prepare construction and presentation drawings both manually and via Computer Aided Drafting and Design (CADD) that meet building codes.
- assess client's needs and plans with the American Disabilities Act (ADA), Life-Safety Codes and Universal/Barrier-Free Design.
- analyze interiors to reflect the needs of the end user.
- design spaces that are aesthetically pleasing as well as incorporating sound design principles.

### Career Opportunities

The field of interior design offers a variety of career options, including residential design by itself or with a specialty of kitchen and bath design, transgenerational design, home office and theater design. It also offers commercial design, which includes space planning, hospitality (restaurant, hotel, cruise ship) design, set design, historical and adaptive re-use design. It also offers commercial design opportunities, which include space planning, hospitality (restaurant, hotel, cruise ship) design, set design, historical and adaptive re-use design. (Additional career opportunities are available as product designers, retailers, buyers, manufacturer's representatives, and facilities managers.)

Requirements for Degree	47 Units
ART 320 Design: Fundamentals .....	3
FASHN 320 Textiles .....	3
IDES 300 Fundamentals of Interior Design .....	3
IDES 310 History of Interior Architecture and Furnishings I .....	3
IDES 312 History of Interior Architecture and Furnishings II .....	3
IDES 322 Materials of Interior Design .....	3
IDES 324 Interior Design Business Practices .....	3
IDES 326 Interior Design Sales .....	3
IDES 330 Beginning Interior Design Studio .....	3
IDES 332 Interior Illustration and Rendering .....	3
IDES 334 Interior Environment and Space Planning .....	3
IDES 340 Beginning CADD for Interior Design .....	3
IDES 341 Intermediate CADD for Interior Design .....	3
IDES 350 Codes and Universal Access for Interior Design .....	2
IDES 351 Codes and Universal Access Lab .....	1
IDES 354 Reading Construction Documents .....	2

**And a minimum of 3 units from the following: ..... 3**

ART 300	Elementary Drawing and Composition (3)
ART 323	Design: Color Theory (3)
ARTH 302	Art: Stone Age Through the Middle Ages (3)
ARTH 308	Renaissance Tradition in Art (3)
ARTH 310	Modern Art (3)
ARTH 322	Art History of the Non-Western World (3)
DESGN 100	Introduction to Computer Aided Drafting and Design (CADD) (3)
DESGN 320	Three Dimensional Graphics and Design (3)
IDES 110	Estimating and Calculating for Interior Design (3)
IDES 498	Work Experience in Interior Design (1 - 4)

**Associate Degree Requirements:** The Interior Planning and Design Associate in Arts (A.A.) Degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See ARC graduation requirements.

## Kitchen and Bath Design Certificate

This certificate covers the design of efficient and aesthetic kitchens and baths, including space considerations, equipment, materials, building codes and human factors. Designing for clients with special needs, working with challenging spaces, and theme design are included. Residential lighting is included. This certificate facilitates the needs of those trying to pass the National Kitchen and Bath Association certification exam.

### Student Learning Outcomes

*Upon completion of this degree program, the student will be able to:*

- draft and draw efficient and attractive work spaces for kitchens and baths to meet the client's needs.
- plan and specify types of cabinets and finishes suitable for kitchens and baths.
- appraise and specify suitable appliances for kitchens and baths.
- design kitchens and baths that meet current building codes, including Universal Design.
- evaluate and prioritize client needs specific to the kitchen and bath industry.
- select equipment and finishes for clients with special style requests.
- develop design solutions for challenging spaces and for clients with specific physical needs.
- express design ideas using drafting, written specifications and verbal skills.

### Career Opportunities

Students completing this certificate can have careers in the kitchen and bath industry. It might include being a designer, a product representative, or showroom work.

Requirements for Certificate	29 Units
IDES 330 Beginning Interior Design Studio .....	3
IDES 334 Interior Environment and Space Planning .....	3
IDES 341 Intermediate Cadd for Interior Design .....	3
IDES 342 CADD for Kitchen and Bath Design .....	2

IDES 350	Codes and Universal Access for Interior Design	2
IDES 354	Reading Construction Documents	2
IDES 361	Beginning Kitchen Design	3
IDES 362	Advanced Kitchen Design	3
IDES 375	Beginning Bath Design	3
IDES 376	Advanced Bath Design	2
<b>And a minimum of 3 units from the following:</b>		
IDES 498	Work Experience in Interior Design (1 - 4)	3

### Interior Retail Merchandising Certificate

This certificate provides a foundation of education and skills for students in the expanding field of interior design. Topics include the materials of interior design, architectural and furniture history, and business practices.

#### Student Learning Outcomes

*Upon completion of this degree program, the student will be able to:*

- select the appropriate finishes and materials for commercial and residential interiors.
- analyze interiors that reflect the needs of the end user.
- design spaces that are aesthetically pleasing as well as incorporating sound design principles.

#### Career Opportunities

Interior design merchandising offers a variety of career options in residential design. Additional career opportunities are available as product designers, retailers, buyers, manufacturer's representatives, and facilities managers.

<b>Requirements for Certificate</b>		<b>24 Units</b>
ART 320	Design: Fundamentals	3
FASHN 320	Textiles	3
IDES 300	Fundamentals of Interior Design	3
IDES 310	History of Interior Architecture and Furnishings I	3
IDES 322	Materials of Interior Design	3
IDES 324	Interior Design Business Practices	3
IDES 330	Beginning Interior Design Studio	3
IDES 340	Beginning CADD for Interior Design	3

### Para-Professional Interior Design Assistant Certificate

This certificate provides a foundation of education and skills for students in the expanding field of interior design. Topics include space planning, building and life-safety codes, the Americans with Disabilities Act (ADA), as well as, reading construction documents, architectural and furniture history. This degree includes an internship within the interior design industry.

#### Student Learning Outcomes

*Upon completion of this degree program, the student will be able to:*

- categorize building types and occupancy classifications.
- prepare construction and presentation drawings both manually and via Computer-Aided Drafting and Design (CADD) that would meet building codes.
- appraise the client's needs and plans with the Americans with Disabilities Act (ADA), Life-Safety Codes and Universal/Barrier-Free Design.

### Career Opportunities

The field of interior design offers a variety of career options, including residential design by itself or with a specialty of kitchen and bath design, transgenerational design, home office and theater design. It also offers commercial design opportunities, which include space planning, hospitality (restaurant, hotel, cruise ship) design, set design, historical and adaptive re-use design. Additional career opportunities are available as product designers, retailers, buyers, manufacturer's representatives, and facilities managers.

<b>Requirements for Certificate</b>		<b>47 Units</b>
ART 320	Design: Fundamentals	3
FASHN 320	Textiles	3
IDES 110	Estimating and Calculating for Interior Design	3
IDES 300	Fundamentals of Interior Design	3
IDES 310	History of Interior Architecture and Furnishings I	3
IDES 312	History of Interior Architecture and Furnishings II	3
IDES 322	Materials of Interior Design	3
IDES 324	Interior Design Business Practices	3
IDES 330	Beginning Interior Design Studio	3
IDES 332	Interior Illustration and Rendering	3
IDES 334	Interior Environment and Space Planning	3
IDES 340	Beginning CADD for Interior Design	3
IDES 341	Intermediate CADD for Interior Design	3
IDES 350	Codes and Universal Access for Interior Design	2
IDES 351	Codes and Universal Access Lab	1
IDES 354	Reading Construction Documents	2
<b>And a minimum of 3 units from the following:</b>		
ART 300	Elementary Drawing and Composition (3)	3
ART 323	Design: Color Theory (3)	3
ARTH 302	Art: Stone Age Through the Middle Ages (3)	3
ARTH 308	Renaissance Tradition in Art (3)	3
ARTH 310	Modern Art (3)	3
ARTH 322	Art History of the Non-Western World (3)	3
DESGN 100	Introduction to Computer Aided Drafting and Design (CADD) (3)	3
DESGN 320	Three Dimensional Graphics and Design (3)	3
IDES 326	Interior Design Sales (3)	3
IDES 498	Work Experience in Interior Design (1 - 4)	3

### IDES 110 Estimating and Calculating for Interior Design 3 Units

*Hours: 54 hours LEC*

This course includes techniques for accurately calculating yardage and materials of interior products for residential and commercial installations. Field trips are required.

### IDES 300 Fundamentals of Interior Design 3 Units

*Advisory: ENGWR 102 or 103 and ENGRD 116 with a grade of "C" or better; or ESLR 320, ESLL 320, and ESLW 320 with a grade of "C" or better; or placement through assessment process.*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This introductory survey course addresses various aspects of the interior design industry and profession. It includes the study and application of design principles and elements; influences of historical, cultural and functional design factors; the selection and arrangement of interior furnishings and materials; and an overview of career options in interior design. Field trips are required.

**IDES 302 Introduction to Green Building and Sustainable Design in Interiors 3 Units**

*Course Transferable to CSU  
Hours: 54 hours LEC*

This course introduces the basic principles of green building and sustainable design (GBSD). It focuses on applications in the practice of commercial or residential interior space planning and design. It includes an historic perspective and the appropriate application of these principles in the profession. It also introduces issues involved in Leadership in Energy and Environmental Design (LEED) certification. Field trips are required.

**IDES 310 History of Interior Architecture and Furnishings I 3 Units**

*Advisory: ENGWR 102 or 103, and ENGRD 116 with a grade of "C" or better; OR ESLR 320 and ESLW 320 with a grade of "C" or better; OR placement through assessment process.  
General Education: AA/AS Area I  
Course Transferable to CSU  
Hours: 54 hours LEC*

This course covers the historical relationship between the decorative arts, period furniture and interior architecture from antiquity through English Regency. Emphasis is placed on identification of specific furniture styles and architectural features.

**IDES 312 History of Interior Architecture and Furnishings II 3 Units**

*Advisory: ENGWR 102 or 103, and ENGRD 116 with a grade of "C" or better; OR ESLR 320 and ESLW 320 with a grade of "C" or better; OR placement through assessment process.  
General Education: AA/AS Area I  
Course Transferable to CSU  
Hours: 54 hours LEC*

This course covers the historical relationship between the decorative arts, period furniture and interior architecture from the American Colonial periods through Modern and Contemporary. Emphasis is on style development as it relates to socio-economic and political factors of the times, as well as identification of specific furniture styles and architectural features. Asian, African, Mid-Eastern and other non-western styles are included.

**IDES 322 Materials of Interior Design 3 Units**

*Advisory: ENGWR 102 or 103 and ENGRD 116 or ESLR 320, ESLL 320, ESLW 320; or placement through assessment process.  
Course Transferable to CSU  
Hours: 54 hours LEC*

This course covers the industry, technology, products, and specification issues of interior finish materials. Textiles, floor coverings, paint and wall coverings, window treatments, furnishings and surface materials lighting, plumbing fixtures and appliances will be included. Field trips are required.

**IDES 324 Interior Design Business Practices 3 Units**

*Advisory: CISC 300.  
Course Transferable to CSU  
Hours: 54 hours LEC*

This course covers the business and practical aspects of interior design. Topics include ethical practices, methods of compensation, establishing clients' budget, estimating costs, purchasing, billing, marketing, and sales. Field trips are required.

**IDES 326 Interior Design Sales 3 Units**

*Prerequisite: IDES 324 with a grade of "C" or better.  
Course Transferable to CSU  
Hours: 54 hours LEC*

This course covers various aspects of selling proposed residential and commercial design projects. Included are personal presentation, selling techniques, making the sale, closing the deal, job completion and follow up. Field trips are required.

**IDES 330 Beginning Interior Design Studio 3 Units**

*Course Transferable to CSU  
Hours: 36 hours LEC; 54 hours LAB*

This course covers basic manual drafting and presentation techniques for interior designers. Topics include development of floor plans, furniture arrangements, and elevations for interior space planning. Presentation boards and other methods of presentation are explored.

**IDES 332 Interior Illustration and Rendering 3 Units**

*Prerequisite: IDES 330 with a grade of "C" or better.  
Course Transferable to CSU  
Hours: 36 hours LEC; 54 hours LAB*

This course covers procedures for developing finished presentation drawings and boards for interior design. It includes methods for illustrating plan views, elevations, mechanical and free-hand perspectives to scale, shades, shadows and techniques for color application.

**IDES 334 Interior Environment and Space Planning 3 Units**

*Prerequisite: IDES 330 with a grade of "C" or better  
Corequisite: IDES 350.  
Course Transferable to CSU  
Hours: 36 hours LEC; 54 hours LAB*

This course covers the analysis and application of design concepts and space planning techniques. It includes resources necessary to creatively solve problems relative to the function and quality of human environments. Topics include the integration of barrier-free design, the Americans with Disabilities Act (ADA), resource management and environmental psychology design. Field trips are required.

**IDES 340 Beginning CADD for Interior Design 3 Units**

*Prerequisite: IDES 330 with a grade of "C" or better.  
Advisory: IDES 334  
Course Transferable to CSU  
Hours: 36 hours LEC; 54 hours LAB*

This course employs beginning CADD (computer and drafting design) for interior design projects. Floor plans, space planning, elevations, and perspectives are created. Field trips are required.

**IDES 341 Intermediate Cadd for Interior Design 3 Units**

*Prerequisite: IDES 340 with a grade of "C" or better  
Advisory: IDES 334 and 354  
Course Transferable to CSU  
Hours: 36 hours LEC; 54 hours LAB*

This course is a continuation of the Computer Aided Drafting and Design (CADD) skills developed in IDES 340, utilizing a different CADD program. It also includes placing floor plans into view ports, adding attributes, and the creation of customized tool bars. Field trips are required.

**IDES 342 CADD for Kitchen and Bath Design 2 Units**

*Prerequisite:* IDES 340 with a grade of "C" or better.

*Course Transferable to CSU*

*Hours:* 24 hours LEC; 36 hours LAB

This kitchen and bath course explores the technical aspects of creating interior design construction documents using Computer Aided Drafting and Design (CADD) software. This advanced CADD course uses software specifically for the kitchen and bath industry. Remodels as well as new construction are included. Field trips are required.

**IDES 350 Codes and Universal Access for Interior Design 2 Units**

*Advisory:* ENGWR 102 or 103 and ENGRD 116 or ESLR 320, ESLL 320, ESLW 320, or placement through assessment process.

*Course Transferable to CSU*

*Hours:* 36 hours LEC

This course explores local, state and federal regulations, codes and specifications concerning life-safety issues, and barrier free access (American Disabilities Act universal design requirements) relative to residential and contract design. Special attention is given to performance, health-safety, and barrier free design when estimating and preparing specifications for space planning, materials and furnishings/products.

**IDES 351 Codes and Universal Access Lab 1 Unit**

*Prerequisite:* IDES 334 and IDES 350 with a grade of "C" or better.

*Advisory:* ENGWR 102 or 103 and ENGRD 116 or ESLR 320, ESLL 320, ESLW 320; or placement through assessment process.

*Course Transferable to CSU*

*Hours:* 54 hours LAB

This course applies the content and skills from IDES 350 to various design scenarios requiring universal design, barrier-free design and ADA (Americans with Disabilities Act) compliance. Projects are drafted following prescribed criteria.

**IDES 354 Reading Construction Documents 2 Units**

*Advisory:* ENGWR 102 or 103 and ENGRD 116 or ESLR 320, ESLL 320, ESLW 320; or placement through assessment process; MATH 32 or placement through assessment process; CISC 300.

*Course Transferable to CSU*

*Hours:* 36 hours LEC

This course covers the language of construction documents and specifications including: symbols, conventions, scales, nomenclature, contract documents, specifications and uniform building codes.

**IDES 355 Residences: Designed 4 Life 3 Units**

*Prerequisite:* GERON 302 (*Psychology of Aging: Adult Development and Aging*) and IDES 350 (*Codes and Universal Access for Interior Design*) with grades of "C" or better

*Course Transferable to CSU*

*Hours:* 54 hours LEC

This course covers how to successfully design residences for a variety of users, regardless of age, size, and physical abilities or limitations. It also encompasses specialty and adaptive appliances, plumbing fixtures, cabinetry, appropriate finish materials, space planning, and furnishings. Field trips may be required.

**IDES 361 Beginning Kitchen Design 3 Units**

*Prerequisite:* IDES 330 and 354 with grades of "C" or better

*Course Transferable to CSU*

*Hours:* 36 hours LEC; 54 hours LAB

This course introduces the design of efficient and aesthetic kitchens. Space considerations, equipment, materials, building codes and human factors are included. This course facilitates the needs of those trying to pass the National Kitchen and Bath Association (NKBA) certification exam. Field trips are required.

**IDES 362 Advanced Kitchen Design 3 Units**

*Prerequisite:* IDES 361 with a grade of "C" or better.

*Course Transferable to CSU*

*Hours:* 36 hours LEC; 54 hours LAB

This course is a continuation of IDES 361. It refines the skills needed to design efficient and aesthetically pleasing kitchens. Designing for clients with special needs, working with challenging spaces, and theme design are covered. Residential lighting is included. This course facilitates the needs of those trying to pass the National Kitchen and Bath Association certification exam. Field trips are required.

**IDES 375 Beginning Bath Design 3 Units**

*Prerequisite:* IDES 330 and 350 with grades of "C" or better.

*Course Transferable to CSU*

*Hours:* 36 hours LEC; 54 hours LAB

This course introduces the design of efficient and aesthetic bathrooms. Space consideration, equipment, appropriate materials, building codes and other design considerations are included. This course facilitates the needs of those trying to pass the National Kitchen and Bath Association certification exam. Field trips are required.

**IDES 376 Advanced Bath Design 2 Units**

*Prerequisite:* IDES 375 with a grade of "C" or better.

*Course Transferable to CSU*

*Hours:* 24 hours LEC; 36 hours LAB

This course is a continuation of IDES 375. It refines the skills needed to design efficient and aesthetically pleasing bathrooms. Designing for clients with special needs, working with challenging spaces, and theme design are covered.

**IDES 381 Lighting and Electrical for Green and Sustainable Interiors 3 Units**

*Course Transferable to CSU*

*Hours:* 36 hours LEC; 54 hours LAB

This course introduces green and sustainable lighting design in both commercial and residential interiors. Topics include Leadership in Energy and Environmental Design (LEED) certification, photometrics, light sources, and effective lighting control. Field trips may be required.

**IDES 494 Topics in Interior Design 2-4 Units**

*Advisory:* CISC 300; ENGWR 102 or 103, and ENGRD 116 with a grade of "C" or better; OR ESLR 320 and ESLW 320 with a grade of "C" or better; OR placement through assessment process.

*Course Transferable to CSU*

*Hours:* 36-72 hours LEC

This course is designed to provide an opportunity to study topics in Interior Design not included in current course offerings. Examples include kitchen & bath design; barrier-free design; in depth period style design. May be taken 3 times up to a maximum of 6 units without duplication of topics.

**IDES 497 Internship in Interior Design 3 Units**

*Prerequisite:* Internship placement and IDES 300, 310, 312, 322, 324, 332, 334, 351, and 354 with a grade of "C" or better.

*Advisory:* CISC 300.

*Course Transferable to CSU*

*Hours:* 18 hours LEC; 160 hours LAB

This course provides opportunity for supervised job internships at interior design related work sites. Skills and knowledge obtained in Interior Design courses will be utilized. Assistance for the internship search is provided by the program coordinator, but placement is not guaranteed. The lecture portion only may be offered on-line.

**IDES 498 Work Experience in Interior Design**  
**1-4 Units**

*Advisory: ENGRD 116, ENGWR 102, ENGWR 103, ESLR 320, and ESLW 320*

*General Education: AA/AS Area III(b)*

*Enrollment Limitation: Students must be in a paid or non-paid internship, volunteer position or job related to interior design. Students are advised to consult with the Interior Design Department faculty to review specific certificate and degree work experience requirements.*

*Course Transferable to CSU*

*Hours: 60-300 hours LAB*

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of interior design. It is designed for students interested in work experience and/or internships in transfer level degree occupational programs. Course content includes understanding the application of education to the workforce; completion of required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. Appropriate level learning objectives are established by the student and the employer. During the semester, the student is required to fulfill a weekly orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The weekly orientation is required for first time participants, returning participants are not required to attend the orientation but are required to meet with the instructor as needed to complete all program forms and assignments. Work Experience may be taken for a total of 16 units when there are new or expanded learning objectives.