

CURRICULUM REVISION REQUEST FORM

Division: School of Creative Arts

Department/Program: Drafting

Prepared By: Victoria Taylor-Gore

Request: Curriculum Revisions

- a) For DFTG 1333, change DFTG 1305 from pre-requisite to co-requisite
- b) For DFTG 1317, remove INDS 1311 as pre-requisite and leave only DFTG 1305 as pre-requisite
- c) Revise DFTG.CERT.DT Degree
- d) Revise DFTG.AAS Degree

Amarillo College Curriculum Committee Form

Course Changes – Change Current Approved Course Requirements*

Program Division: School of Creative Arts
Department: Drafting
Program Point of Contact: Victoria Taylor-Gore (371-5982)
Date of Submission: April 7, 2016

Requested Information	Information Response
Associated 6-digit CIP (If Applicable): <ul style="list-style-type: none"> ACGM – Use first 6 of "Approval Number" WECM – Course Inventory CIP Number 	15.1306 (DFTG 1333 – Mechanical Drafting) 15.1301 (DFTG 1305 - Technical Drafting)
Associated Study Area Identify primary program associated with course	Drafting
Course Title (Written Out)	Mechanical Drafting
Course Prefix and Number	DFTG 1333
Planned Effective Date:	Term: <u>Fall</u> Year: <u>2016</u>

Requested Information	Information Response
On this section, please delete out the options in the right column that do not apply. The answers you leave will be your response. NOTE: See "Comments" for information related to many of the planned changes listed below.	
Planned Change(s)	<ul style="list-style-type: none"> Pre-requisite(s) Co-requisite(s) <p>We want to change the prerequisite DFTG 1305 to a corequisite</p>

In this box, please provide information related to your change request and any justification.

Considerations: Describe how change will benefit students, change is needed for sustainability, etc.

We would like to **CHANGE** the prerequisite DFTG 1305 to a corequisite

CURRENT PREREQUISITE/COREQUISITE FOR DFTG 1333 Prerequisites: DFTG 1305 or department chair consent	PROPOSED PREREQUISITE/COREQUISITE FOR DFTG 1333 Corequisites: DFTG 1305 or department chair consent
---	--

We need to include DFTG 1333 – Mechanical Drafting and DFTG 1305 – Technical Drafting in our first semester of the proposed revision of the Drafting AAS and the proposed revision of the Drafting Technician Certificate. Currently DFTG 1305 is a prerequisite for DFTG 1333, so we need to change this prerequisite to a corequisite. Our Drafting faculty agrees that as long as students take DFTG 1305 as a corequisite with DFTG 1333, they will have the necessary skill set to succeed in DFTG 1333. This course sequence will allow student to complete the Drafting Technician Certificate and the Drafting AAS much sooner.

*Note: Course instructional method changes, retake policy changes, session cycle changes, yearly cycle changes can be reported directly to the Registrar's Office; these changes do not need to go through Curriculum Committee.

Change in Learning Outcomes ONLY COMPLETE IF CHANGE IN OUTCOMES				
Course Name	Course Prefix	Course Number	Old Course Outcomes	New Course Outcomes

DFTG 1333 - Mechanical Drafting - In AC Catalog

Prerequisites / Corequisite

Prerequisites: DFTG 1305 or department chair consent

An intermediate course covering working detail drawings with proper dimensioning and tolerances. Also included are the use of sectioning techniques, common fasteners, isometrics and obliques in the preparation of assembly drawings, including bill of materials.

Hours (3 sem hrs; 2 lec, 2 lab)

Mechanical Drafting - in WECM

CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
15.1306	DFTG	1033	Mechanical Drafting	Active	0	64	128
15.1306	DFTG	1333	Mechanical Drafting	Active	3	64	96
15.1306	DFTG	1433	Mechanical Drafting	Active	4	80	128

Course Level: Introductory

Course Description: Study of mechanical drawings using dimensioning and tolerances, sectioning techniques, orthographic projection, and pictorial drawings.

End-of-Course Outcomes: Develop a set of working drawings including assembly, detail, and pictorial.

Lab Recommended

CIP Code Description: 15.1306 (Mechanical Drafting and Mechanical Drafting CAD/CADD) **Effective Date:** September 1, 2011

DFTG 1305 - Technical Drafting - in AC Catalog

Introduction to the principles of drafting to include terminology and fundamentals, including size and shape descriptions, projection methods, geometric construction, sections, auxiliary views and reproduction processes.

Hours (3 sem hrs; 2 lec, 2 lab)

Technical Drafting - in WECM

CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
15.1301	DFTG	1005	Technical Drafting	Active	0	64	128
15.1301	DFTG	1305	Technical Drafting	Active	3	64	96
15.1301	DFTG	1405	Technical Drafting	Active	4	80	128

Course Level: Introductory

Course Description: Introduction to the principles of drafting to include terminology and fundamentals, including size and shape descriptions, projection methods, geometric construction, sections, and auxiliary views.

End-of-Course Outcomes: Create technical sketches, geometric constructions, orthographic projections, pictorial/sectional views, dimension drawings, and apply lettering techniques.

Lab Recommended

CIP Code Description: 15.1301 (Drafting and Design Technology/Technician, General) **Effective Date:** September 1, 2011

Amarillo College Curriculum Committee Form

Course Changes – Change Current Approved Course Requirements*

Program Division: School of Creative Arts
Department: Drafting
Program Point of Contact: Victoria Taylor-Gore (371-5982)
Date of Submission: April 11, 2016

Requested Information	Information Response
Associated 6-digit CIP (If Applicable): <ul style="list-style-type: none"> ACGM – Use first 6 of "Approval Number" WECM – Course Inventory CIP Number 	15.1303 (DFTG 1317 Residential Drafting – Architectural) 15.1301 (DFTG 1305 Technical Drafting) 50.0408 (INDS 1311 Fundamentals of Interior Design)
Associated Study Area Identify primary program associated with course	Drafting
Course Title (Written Out)	Residential Drafting - Architectural
Course Prefix and Number	DFTG 1317
Planned Effective Date:	Term: ___ Fall _____ Year: ___ 2016 _____

Requested Information	Information Response
On this section, please delete out the options in the right column that do not apply. The answers you leave will be your response. NOTE: See "Comments" for information related to many of the planned changes listed below.	
Planned Change(s)	<ul style="list-style-type: none"> Pre-requisite(s) Take off INDS 1311 from the prerequisite Prerequisite: DFTG 1305 and INDS 1311

In this box, please provide information related to your change request and any justification.			
Considerations: Describe how change will benefit students, change is needed for sustainability, etc.			
<p>Since we plan to remove all of the INDS courses from the Drafting AAS, we need to change the prerequisites for DFTG 1317 Residential Drafting Architectural to the following:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> CURRENT Prerequisite: DFTG 1305 and INDS 1311 </td> <td style="width: 50%; padding: 5px;"> PROPOSED Prerequisite: DFTG 1305 </td> </tr> </table> <p>The Drafting faculty agrees that as long as students have the skills they learn in DFTG 1305 – Technical Drafting, they will be successful in the course.</p>		CURRENT Prerequisite: DFTG 1305 and INDS 1311	PROPOSED Prerequisite: DFTG 1305
CURRENT Prerequisite: DFTG 1305 and INDS 1311	PROPOSED Prerequisite: DFTG 1305		

*Note: Course instructional method changes, retake policy changes, session cycle changes, yearly cycle changes can be reported directly to the Registrar's Office; these changes do not need to go through Curriculum Committee.

Change in Learning Outcomes ONLY COMPLETE IF CHANGE IN OUTCOMES				
Course Name	Course Prefix	Course Number	Old Course Outcomes	New Course Outcomes

DFTG 1317 - Residential Drafting – Architectural – from the AC catalog

Prerequisites / Corequisite

Prerequisite: DFTG 1305 and INDS 1311

Architectural drafting procedures, practices, terms and symbols. Preparation of detailed working drawings for residential structures. Emphasis on light frame construction methods.

Hours (3 sem hrs; 2 lec, 2 lab)

Architectural Drafting – Residential – from WECM

CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
15.1303	DFTG	1017	Architectural Drafting - Residential	Active	0	64	128
15.1303	DFTG	1317	Architectural Drafting - Residential	Active	3	64	96
15.1303	DFTG	1417	Architectural Drafting - Residential	Active	4	80	128

Course Level: Introductory

Course Description: Architectural drafting procedures, practices, terms, and symbols. Preparation of detailed working drawings for residential structures. Emphasis on light frame construction methods.

End-of-Course Outcomes: Utilize architectural terms, symbols, residential construction materials, and processes to produce a set of residential construction drawings including site plan, floor plan, elevations, wall sections, schedules, details, and foundation plan using reference materials.

Lab Recommended

CIP Code Description: 15.1303 (Architectural Drafting and Architectural CAD/CADD) **Effective Date:** September 1, 2012

DFTG 1305 - Technical Drafting – from the AC catalog

Introduction to the principles of drafting to include terminology and fundamentals, including size and shape descriptions, projection methods, geometric construction, sections, auxiliary views and reproduction processes.

Hours (3 sem hrs; 2 lec, 2 lab)

Technical Drafting - from WECM

CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
15.1301	DFTG	1005	Technical Drafting	Active	0	64	128
15.1301	DFTG	1305	Technical Drafting	Active	3	64	96
15.1301	DFTG	1405	Technical Drafting	Active	4	80	128

Course Level: Introductory

Course Description: Introduction to the principles of drafting to include terminology and fundamentals, including size and shape descriptions, projection methods, geometric construction, sections, and auxiliary views.

End-of-Course Outcomes: Create technical sketches, geometric constructions, orthographic projections, pictorial/sectional views, dimension drawings, and apply lettering techniques.

Lab Recommended

CIP Code Description: 15.1301 (Drafting and Design Technology/Technician, General) **Effective Date:** September 1, 2011

INDS 1311 - Fundamentals of Interior Design – from the AC catalog

An introduction to the elements and principles of design, the interior design profession and the interior design problem-solving process.

Hours (3 sem hrs; 2 lec, 2 lab)

Fundamentals of Interior Design - from WECM

CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
50.0408	INDS	1011	Fundamentals of Interior Design	Active	0	48	96
50.0408	INDS	1311	Fundamentals of Interior Design	Active	3	48	96
50.0408	INDS	1411	Fundamentals of Interior Design	Active	4	64	96

Course Level: Introductory

Course Description: An introduction to the elements and principles of design, the interior design profession, and the interior design problem-solving process.

End-of-Course Outcomes: Describe and apply elements and principles of design; discuss the scope of the interior design profession; describe the interior design problem-solving process; and identify design quality.

CIP Code Description: 50.0408 (Interior Design) **Effective Date:** September 1, 2007

Amarillo College Curriculum Committee Form

Program Changes – Revise Curriculum

Program Division: School of Creative Arts
Department: Drafting
Program Point of Contact: Victoria Taylor-Gore (371-5982)
Date of Submission: APRIL 7, 2016

Requested Information	Information Response
Associated 10-digit CIP (If Applicable):	15.1302
Associated Study Area	DFTG.CERT.DT
Planned Effective Date:	Term: <u> Fall </u> Year: <u> 2016 </u>
Current Program Title (Written Out):	Drafting
Degree Audit Name	DFTG.CERT.DT
<p>Reason/Justification for Request:</p> <p>Remove DFTG 1345 Parametric Modeling and Design, DFTG 2328 Architectural Drafting – Commercial, DFTG 2332 Advanced Computer-Aided Drafting, and INDS 1311 Fundamentals of Interior Design from the Drafting Technician Certificate DFTG.DERT.DT.</p> <p>Change the Program advisor information and adjust the total semester hours for the certificate.</p> <p>We wanted to create a more streamlined drafting technician certificate that would allow students to complete sooner while still getting the basic drafting skills they need to get an entry level drafting position in the local area. The Drafting Advisory Committee and the Drafting faculty worked together to develop this revised streamlined certificate.</p>	
<p>Potential Impact on Current Students Enrolled in Certificate or Degree Programs: Drafting students will obtain a basic skillset in drafting that will enable them to get an entry level position in drafting sooner, and they will be able to complete their certificate in a shorter period of time. The remaining courses that we are eliminating in this certificate can be applied to the Drafting AAS.</p>	

Requested Information	Information Response
<p>On this section, please delete out the options in the right column that do not apply. The answers you leave will be your response.</p>	
Has a substantial increase or decrease in the number of clock or credit hours awarded for successful completion of a program occurred (substantial defined as noticeable impact on time to completion)?	<ul style="list-style-type: none"> • No
Does this change involve a move from clock to credit hours?	<ul style="list-style-type: none"> • No
This change relates to the following items	<ul style="list-style-type: none"> • None of the Above

COURSE SEQUENCING AND REQUIREMENTS – For Catalog

- ☐ On “Old” side, use Strikethrough to indicate course(s) no longer in curriculum
- ☐ On “New” side, use bold/red font to indicate new courses
- ☐ Remove blocks that do not apply (e.g. if there are no general education requirements for your major, you may delete that table).

CURRENT CURRICULUM		PROPOSED CURRICULUM	
Degree Name:	DFTG.CERT.DT	Degree Name:	DFTG.CERT.DT
Total Credit Hours:	36	Total Credit Hours:	24
Total Clock Hours:		Total Clock Hours:	

Major Requirements = 36	Major Requirements = 24
------------------------------------	-------------------------

Course Prefix and Number	Course Name	Credit Hours	Course Prefix and Number	Course Name	Credit Hours
DFTG 1305	TECHNICAL DRAFTING	3	DFTG 1305	TECHNICAL DRAFTING	3
DFTG 1309	BASIC COMPUTER-AIDED DRAFTING	3	DFTG 1309	BASIC COMPUTER-AIDED DRAFTING	3
DFTG 1317	RESIDENTIAL DRAFTING – ARCHITECTURAL	3	DFTG 1317	RESIDENTIAL DRAFTING – ARCHITECTURAL	3
DFTG 1333	MECHANICAL DRAFTING	3	DFTG 1333	MECHANICAL DRAFTING	3
DFTG 1370	MICROSTATION I	3	DFTG 1370	MICROSTATION I	3
DFTG 1372	MICROSTATION II	3	DFTG 1372	MICROSTATION II	3
DFTG 1345	PARAMETRIC MODELING AND DESIGN	3	DFTG 2319	INTERMEDIATE COMPUTER-AIDED DRAFTING	
DFTG 2319	INTERMEDIATE COMPUTER-AIDED DRAFTING	3	DFTG 2340	SOLID MODELING/DESIGN	3
DFTG 2328	ARCHITECTURAL DRAFTING – COMMERCIAL	3			
DFTG 2332	ADVANCED COMPUTER-AIDED DRAFTING	3			
DFTG 2340	SOLID MODELING/DESIGN	3			
INDS 1311	FUNDAMENTALS OF INTERIOR DESIGN	3			

<p>CURRENT</p> <p>Drafting - Drafting Technician Certificate</p> <hr/> <p>Program Advisor: Ieny Thomas, 345-5643 (itthomas@actx.edu) or contact Ruth De Anda, 371-5212 (rdeanda@actx.edu)</p> <p><i>Contact the Testing Center or the Program Advisor for testing requirements. Testing requirements are based on the unique needs of the certificate program.</i></p> <p>Certificate of Completion Major Code - DFTG.CERT.DT actx.edu/drafting</p> <p>Introduces students to basic drafting techniques and procedures. Focuses on drafting in machine, architectural and CAD. Individuals in this program should have prior work experience or training in drafting or related field.</p> <p>Program Requirements</p> <p>Major Requirements (36 Semester Hours)</p> <ul style="list-style-type: none"> • DFTG 1305 - Technical Drafting • DFTG 1309 - Basic Computer-Aided Drafting • DFTG 1317 - Residential Drafting - Architectural • DFTG 1333 - Mechanical Drafting • DFTG 1370 - Microstation I • DFTG 1372 - Microstation II • DFTG 1345 - Parametric Modeling and Design • DFTG 2319 - Intermediate Computer-Aided Drafting • DFTG 2328 - Architectural Drafting - Commercial • DFTG 2332 - Advanced Computer-Aided Drafting • DFTG 2340 - Solid Modeling/Design • INDS 1311 - Fundamentals of Interior Design <p>Total (36 Semester Hours)</p>	<p>PROPOSED</p> <p>Drafting - Drafting Technician Certificate</p> <hr/> <p>Program Advisor: Victoria Taylor-Gore, 371-5982 (vtaylorgore@actx.edu) or contact Ruth De Anda, 371-5212 (rdeanda@actx.edu)</p> <p><i>Contact the Testing Center or the Program Advisor for testing requirements. Testing requirements are based on the unique needs of the certificate program.</i></p> <p>Certificate of Completion Major Code - DFTG.CERT.DT actx.edu/drafting</p> <p>Introduces students to basic drafting techniques and procedures. Focuses on drafting in machine, architectural and CAD. Individuals in this program should have prior work experience or training in drafting or related field.</p> <p>Program Requirements</p> <p>Major Requirements (36 Semester Hours)</p> <ul style="list-style-type: none"> • <u>DFTG 1305 - Technical Drafting</u> • <u>DFTG 1309 - Basic Computer-Aided Drafting</u> • <u>DFTG 1317 - Residential Drafting - Architectural</u> • <u>DFTG 1333 - Mechanical Drafting</u> • <u>DFTG 1370 - Microstation I</u> • <u>DFTG 1372 - Microstation II</u> • <u>DFTG 2319 - Intermediate Computer-Aided Drafting</u> • <u>DFTG 2340 - Solid Modeling/Design</u> <p>Total (36 Semester Hours)</p>
--	---

Drafting - General Drafting Option 2015-2016 – Course sequencing

First Semester

- ☐ DFTG 1305: Technical Drafting - 3 semester hours
☐ DFTG 1309: Basic Computer-Aided Drafting - 3 semester hours
☐ DFTG 1333: Mechanical Drafting - 3 semester hours
☐ DFTG 1370: Microstation I - 3 semester hours
 SEMESTER TOTAL - 12 semester hours

Second Semester

- ☐ DFTG 2319: Intermediate Computer-Aided Drafting - 3 semester hours
☐ DFTG 1372: Microstation II - 3 semester hours
☐ DFTG 1317: Residential Drafting - Architectural - 3 semester hours
☐ DFTG 2340: Solid Modeling/Design - 3 semester hours
 SEMESTER TOTAL - 12 semester hours

1st Year

1st Semester

Prefix (e.g. ENGL)	Number (e.g 1301)	Course Name	Course Type (ACGM/WECM)	Weekly Lecture Hrs.	Weekly Lab Hrs.	Weekly External Hours	Contact Hours (If Applicable)	Credit Hours
DFTG	1305	Technical Drafting	WECM					3
DFTG	1309	Basic Computer-Aided Drafting	WECM					3
DFTG	1333	Mechanical Drafting	WECM					3
DFTG	1370	Microstation I	WECM					3

2nd Semester

Prefix (e.g. ENGL)	Number (e.g 1301)	Course Name	Course Type (ACGM/WECM)	Weekly Lecture Hrs.	Weekly Lab Hrs.	Weekly External Hours	Contact Hours (If Applicable)	Credit Hours
DFTG	2329	Intermediate Computer-Aided Drafting	WECM					3
DFTG	1372	Microstation II	WECM					3
DFTG	1317	Residential Drafting – Architectural	WECM					3
DFTG	2340	Solid Modeling/Design	WECM					3