

Revised 7/23/07

PROPOSAL SUMMARY AND ROUTING FORM

Proposal Title: Addition of prerequisite course requirements to WELD 121, WELD 123, WELD 321, WELD 422, and WELD 499

Initiating Unit or Individual: Department of Welding Engineering Technology
Contact Person's Name: Jeff Carney e-mail: carneyj@ferris.edu phone: x2952
Date or Term of Proposal Implementation: Fall 2009

- Group I - A – New degree/major or major, redirection of a current offering, or elimination of a degree, major or minor
- Group I - B – New minors or concentrations
- Group II - A – Minor curriculum clean-up and course changes
- Group II - B – New Course
- Group III - Certificates
- Group IV – Off-Campus Programs

Group/Individual	Signature	Date	Vote/Action *
Program Faculty	<i>[Handwritten Signature]</i>	2/19/09	5 Support 0 Support with Concerns 0 Not Support
Department Faculty	<i>[Handwritten Signature]</i>	2/19/09	5 Support 0 Support with Concerns 0 Not Support
Department Head / Chair	<i>[Handwritten Signature]</i>	2/19/09	1 Support 0 Support with Concerns 0 Not Support
College Curriculum Committee	<i>[Handwritten Signature]</i>	2/24/09	8 Support Support with Concerns Not Support
Dean	<i>[Handwritten Signature]</i>	2/26/09	Support Support with Concerns Not Support
University Curriculum Committee	<i>[Handwritten Signature]</i>	3/3/09	✓ Support 8-0 Support with Concerns Not Support
Senate	<i>[Handwritten Signature]</i>	3/3/09	Support Support with Concerns Not Support
Academic Affairs	<i>[Handwritten Signature]</i>	3/8/09	Support Support with Concerns Not Support

* Support with Concerns or Not Support must include a list of specific concerns. Votes must be shown for faculty groups. Administrators check appropriate action taken.

To be completed by Academic Affairs		
President (Date Approved)	Board of Trustees (Date Approved)	President's Council (Date Approved)

REC'D MAR 04 2009

1. Proposal Summary

(Summary is generally less than one page. Briefly: state what is proposed with a summary of rationale and highlights. Additional rationale may be attached.)

Add prerequisite course requirements to WELD 121, WELD 123, WELD 321, WELD 422 and WELD 499. It has been a long-standing department policy that students pass all WELD courses in a semester to be eligible for WELD courses in the next academic semester. This formalizes the department policy so the students, and parents, have a better understanding of program requirements.

2. Summary of All Course Action Required*

a. Newly Created Courses to FSU:

Prefix	Number	Title
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b. Courses to be Deleted From FSU Catalog:

Prefix	Number	Title
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c. Existing Course(s) to be Modified:

Prefix	Number	Title
WELD	121	Welding Process 2 Lecture
WELD	123	Welding Process 2 Lab
WELD	321	WELD Automat-Robotics 2
WELD	422	Material Science
WELD	499	Weld Proj Engineering-Mgmt

d. Addition of existing FSU courses to program

Prefix	Number	Title
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e. Removal of existing FSU courses from program

Prefix	Number	Title
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FLITE SERVICES CONSULTATION FORM

To be completed by the liaison librarian and approved by the Dean of FLITE. All returned forms should be included in the proposal. **FLITE must respond within 20 calendar days of receipt of this form to insure that the form is included in the final proposal.**

FAILURE TO RESPOND IS CONSIDERED AS SUPPORT OF THE CHANGE.

RE: Proposal Title: Addition of prerequisite course requirements to WELD 121, WELD 123, WELD 321, WELD 422, and WELD 499

Projected number of students per year affected by proposed change: 150

Initiator(s): Department of Welding Engineering Technology

Proposal Contact: Jeff Carney Date Sent: 2/18/09

Department: Welding Engineering Technology Campus Address: Swan 108
(Please print)

Liaison Librarian Signature: Frances Rosen Date: 2/19/09

Dean of FLITE Signature: Leah M. Morgan Date Returned: 2-19-09

Based upon our review on 2/19/09 (date), FLITE concludes that:

- Library resources to support the proposed curriculum change are currently available.
- Additional Library resources are needed but can be obtained from current funds.
- Support, but significant additional Library funds/resources are required in the amount of \$ _____.
- Does not support the proposal for reasons listed below.

Comment regarding the impact this proposal will have on library resources, collection development, programs, etc. Use additional pages if necessary.

FORM D CURRENT
FORM D PROPOSED

PROGRAM, MAJOR, OR MINOR CHECK SHEET(S)

Insert both the current curriculum check sheet (if applicable) followed by proposed curriculum check sheet" and/or "academic program requirements" list.

- **LABEL CHECK SHEETS AS "FORM D CURRENT" and "FORM D PROPOSED."**
- **Checksheets should indicate total credits, General Education requirements per catalog guidelines (include course levels), and the minimum number of 300 and 400 level courses.**
- **Indicate all course prerequisites.**
- **Indicate any special admissions, continuation, or graduation requirements.**

Form D Proposed



DRAFT

Associate in Applied Science Degree

Welding Technology

Course Sequence Guide

Student:			
Email:		ID:	
Advisor:		Ph:	

YEAR 1 - FALL SEMESTER				Crs	Gr
WELD	111	Welding Processes 1 Lecture (Admit to WT)		3	
WELD	112	Welding Graphics (Admit to WT)		3	
WELD	113	Welding Processes 1 Lab (Admit to WT)		4	
ENGL	150	English 1 (ACT 14 or ENGL 074)		3	
		Cultural Enrichment Elective		3	
FSUS	100	FSU Seminar		1	
				Total	17
YEAR 1 - SPRING SEMESTER				Crs	Gr
WELD	121	Welding Processes 2 Lecture (WELD 111, 112 & 113)		3	
WELD	123	Welding Processes 2 Lab (WELD 111, 112 & 113)		4	
MATL	240	Introduction to Material Science		4	
MATH	116	Intermediate Algebra & Numerical Trig (ACT 19 or MATH 110)		4	
				Total	15
YEAR 2 - FALL SEMESTER				Crs	Gr
WELD	211	Welding Fabrication 1 (WELD 121 & 123)		5	
WELD	212	Quality Testing (WELD 121 & 123)		4	
ENGL	250	English 2 (ENGL 150)		3	
PHYS	211	Introductory Physics (MATH 116 or 120 or ACT 26)		4	
				Total	16
YEAR 2 - SPRING SEMESTER				Crs	Gr
WELD	221	Welding Fabrication 2 (WELD 211 & 212 & ENGL 250)		4	
WELD	222	Introduction to Welding Automation (WELD 211 & 212)		3	
EEET	201	Electrical Fundamentals (ACT 24 or MATH 116)		3	
MFGT	150	Manufacturing Processes		2	
		Social Awareness Elective		3	
				Total	15

Contact the Department of Welding Engineering Technology for more information

Phone: 231-591-2511

Email: weldingdepartment@ferris.edu

www.ferris.edu/welding

FORM D PROPOSED



DRAFT

Associate in Applied Science Degree

Welding Technology

Program Academic Requirements

Student:		Code	Location	Crs
Email:		ID:	Ferris	
Advisor:		Ph:	1	Transfer

Entry Criteria:

1. Meet University admission standards.
2. Meet College of Technology admission standards.
3. MATH 116 placement (19 MATH ACT).
4. ENGL 150 placement (14 ENGL ACT).

	MAJOR	Cr	Gr	Pts	S	Yr	Code	Notes
WELD	111	Welding Processes 1 Lecture (Admit to WT)	3					
WELD	112	Welding Graphics (Admit to WT)	3					
WELD	113	Welding Processes 1 Lab (Admit to WT)	4					
WELD	121	Welding Processes 2 Lecture (WELD 111, 112 & 113)	3					
WELD	123	Welding Processes 2 Lab (WELD 111, 112 & 113)	4					
WELD	211	Welding Fabrication 1 (WELD 121 & 123)	5					
WELD	212	Quality Testing (WELD 121 & 123)	4					
WELD	221	Welding Fabrication 2 (WELD 211 & 212 & ENGL 250)	4					
WELD	222	Introduction to Welding Automation (WELD 211 & 212)	3					
TECHNICAL RELATED								
EEET	201	Electrical Fundamentals (ACT 24 or MATH 116)	3					
MATL	240	Introduction to Material Science	4					
MFGT	150	Manufacturing Processes	2					
COMMUNICATIONS COMPETENCE								
ENGL	150	English 1 (ACT 14 or ENGL 074)	3					
ENGL	250	English 2 (ENGL 150)	3					
QUANTITATIVE SKILLS								
MATH	116	Intermediate Algebra & Numerical Trig (ACT 19 or MATH 110)	4					
SCIENTIFIC UNDERSTANDING								
PHYS	211	Introductory Physics (MATH 116 or 120 or ACT 26)	4					
CULTURAL ENRICHMENT								
		Cultural Enrichment Elective	3					
SOCIAL AWARENESS								
		Social Awareness Elective	3					
FRESHMEN SEMINAR								
FSUS	100	FSU Seminar	1					
Unofficial Statistics								
		Major: Total Crs / Earned Crs / Honor Points	33					
		Degree: Total Crs / Earned Crs / Honor Points	63					
		GPA Major:	-					
		GPA Degree:	-					

AAS Minimum General Education Requirements:

Cultural Enrichment (CE) – 3 credits; Social Awareness (SA) - 3 credits; Communications - 6 credits;
 Scientific Understanding - 3/4 credits;

Reference: http://www.ferris.edu/htmls/academics/gened/gen_edspecific.htm

Contact the Department of Welding Engineering Technology for more information

Phone: 231-591-2511

Email: weldingdepartment@ferris.edu

www.ferris.edu/welding



DRAFT Bachelor of Science Degree
Welding Engineering Technology
 Course Sequence Guide

Student:			
Email:		ID:	
Advisor:		Ph:	

YEAR 3 - FALL SEMESTER			Crs	Gr
WELD	212	Quality Testing (Transfer Students only) [4credits]		
WELD	311	Welding Automation & Robotics 1 (JR Status)	4	
WELD	312	Design of Weldments (JR Status)	3	
EEET	301	Controls for Automation (EEET 201)	3	
MATH	126	Algebra & Analytical Trigonometry (MATH 116 or ACT 24)	4	
CHEM	114	Intro to General Chemistry (CHEM 103 or H/S chemistry, MATH 110)	4	
			Total	18

YEAR 3 - SPRING SEMESTER			Crs	Gr
WELD	321	Welding Automation & Robotics 2 (WELD 311, 312)	4	
WELD	322	Advanced Resistance Welding (WELD 311, 312)	3	
MECH	250	Fluid Power with Controls (MATH 116)	2	
ENGL	311	Advanced Technical Writing (ENGL 250 or 211)	3	
MATH	216	Applied Calculus (MATH 126 or ACT 26)	4	
			Total	16

Submit Application for Graduation.

YEAR 3 - SUMMER SEMESTER			Crs	Gr
WELD	393	Internship (WELD 321,322)	4	
			Total	4

YEAR 4 - FALL SEMESTER			Crs	Gr
WELD	411	Advanced Welding Processes (WELD 393)	3	
WELD	412	Computer Aided Weldment Design (WELD 393)	4	
MFGE	353	Statistical Quality Control (MATH 116)	3	
COMM	121	Fundamentals of Public Speaking	3	
		Social Awareness Elective	3	
			Total	16

YEAR 4 - SPRING SEMESTER			Crs	Gr
WELD	422	Material Science (WELD 411, 412)	3	
WELD	499	Project Engineering and Management (WELD 411, 412)	3	
		Cultural Enrichment Elective	3	
		Cultural Enrichment Elective (200 level or above)	3	
		Social Awareness Elective (200 level or above)	3	
			Total	15



DRAFT Bachelor of Science Degree
Welding Engineering Technology
 Program Academic Requirements

Student:		Code	Location	Crs
email:	ID:		Ferris	
Advisor:	Ph:	1	Transfer	

Entry Criteria:

1. Application for admission submitted by February 15 prior to Fall term requested.
2. Associate in Welding Technology / A minimum 3.0 GPA overall.
3. Satisfy all prerequisites to enter MATH 126 (MATH 116) and EEET 301 (EEET 201)
4. FSU PHYS 211 - introductory Physics I or equivalent transfer course.
5. FSU ETEC 140 - Engineering Graphics Comprehensive or equivalent transfer course.
6. FSU MATL 240 - Introduction to Material Science or equivalent transfer course.

MAJOR			Cr	Gr	Pts	S	Yr	Code	Notes
WELD	212	Quality Testing (Transfer Students only) [4 credits]							
WELD	311	Welding Automation & Robotics 1 (JR Status)	4						
WELD	312	Design of Weldments (JR Status)	3						
WELD	321	Welding Automation & Robotics 2 (WELD 311, 312)	4						
WELD	322	Advanced Resistance Welding (WELD 311, 312)	3						
WELD	393	Internship (WELD 321,322)	4						
WELD	411	Advanced Welding Processes (WELD 393)	3						
WELD	412	Computer Aided Weldment Design (WELD 393)	4						
WELD	422	Material Science (WELD 411, 412)	3						
WELD	499	Project Engineering and Management (WELD 411, 412)	3						
TECHNICAL RELATED									
EEET	301	Controls for Automation (EEET 201)	3						
MECH	250	Fluid Power with Controls (MATH 116)	2						
MFGE	353	Statistical Quality Control (MATH 116)	3						
COMMUNICATIONS COMPETENCE									
COMM	121	Fundamentals of Public Speaking	3						
ENGL	311	Advanced Technical Writing (ENGL 250 or 211)	3						
QUANTITATIVE SKILLS									
MATH	126	Algebra & Analytical Trigonometry (MATH 116 or ACT 24)	4						
MATH	216	Applied Calculus (MATH 126 or ACT 26)	4						
SCIENTIFIC UNDERSTANDING									
CHEM	114	Intro to General Chemistry (CHEM 103 or H/S chemistry, MATH 110)	4						
CULTURAL ENRICHMENT									
		Cultural Enrichment Elective	3						
		Cultural Enrichment Elective (200 level or above)	3						
SOCIAL AWARENESS									
		Social Awareness Elective	3						
		Social Awareness Elective (200 level or above)	3						
Unofficial Statistics									
		Major: Total Crs / Earned Crs / Honor Points	31						
		Degree: Total Crs / Earned Crs / Honor Points	69						
		GPA Major:	-						
		GPA Degree:	-						

Bachelor of Science General Education Requirements:

One Global Consciousness Course (3cr), One Race - Ethnicity - Gender (REG) Course (3cr), and One Foundation Course (3cr) –

Multiple requirements may be satisfied by a single course

Cultural Enrichment – 9 credits (3 credits in course > 200 level), Social Awareness - 9 credits (3 credits in course > 200 level)

Students must complete 40 credits at or above the 300.

Reference: http://www.ferris.edu/htmls/academics/gened/gen_edspecific.html



Bachelor of Science Degree

Welding Engineering Technology

Program Academic Requirements

Student:		Code	Location	Crs
email:	ID:		Ferris	
Advisor:	ph:	1	Transfer	

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MAJOR			Cr	Gr	Pts	S	Yr	Code	Notes
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EEET	301	Controls for Automation (EEET 201)	3						
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MFGE	353	Statistical Quality Control (MATH 116)	3						
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CULTURAL ENRICHMENT									
		Cultural Enrichment Elective	3						
		Cultural Enrichment Elective (200 level or above)	3						
SOCIAL AWARENESS									
		Social Awareness Elective	3						
		Social Awareness Elective (200 level or above)	3						
Unofficial Statistics									
Major: Total Crs / Earned Crs / Honor Points			31						
Degree: Total Crs / Earned Crs / Honor Points			69						
GPA Major:			-						
GPA Degree:			-						

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Bachelor of Science Degree
Welding Engineering Technology
 Course Sequence Guide

Student:			
Email:		ID:	
Advisor:		Ph:	

YEAR 3 - FALL SEMESTER			Crs	Gr
WELD	212	Quality Testing (Transfer Students only) [4credits]		
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Total			18	

YEAR 3 - SPRING SEMESTER			Crs	Gr
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WELD	322	Advanced Resistance Welding (WELD 311, 312)	3	
MECH	250	Fluid Power with Controls (MATH 116)	2	
ENGL	311	Advanced Technical Writing (ENGL 250 or 211)	3	
MATH	216	Applied Calculus (MATH 126 or ACT 26)	4	
Total			16	

Submit Application for Graduation:

YEAR 3 - SUMMER SEMESTER			Crs	Gr
WELD	393	Internship (WELD 321,322)	4	
Total			4	

YEAR 4 - FALL SEMESTER			Crs	Gr
WELD	411	Advanced Welding Processes (WELD 393)	3	
WELD	412	Computer Aided Weldment Design (WELD 393)	4	
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Total			16	

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		Cultural Enrichment Elective (200 level or above)	3	
		Social Awareness Elective (200 level or above)	3	
Total			15	



Associate in Applied Science Degree
Welding Technology
 Program Academic Requirements

Student:		Code	Location	Crs
Email:		ID:	Ferris	
Advisor:		Ph:	1	Transfer

Entry Criteria:

1. Meet University admission standards.
2. Meet College of Technology admission standards.
3. MATH 116 placement (19 MATH ACT)
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MAJOR		Cr	Gr	Pts	S	Yr	Code	Notes
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WELD	112	Welding Graphics (Admit to WT)	3					
WELD	113	Welding Processes 1 Lab (Admit to WT)	4					
WELD	121	Welding Processes 2 Lecture (WELD 111 & 113)	3					
WELD	123	Welding Processes 2 Lab (WELD 111 & 113)	4					
WELD	211	Welding Fabrication 1 (WELD 121 & 123)	5					
WELD	212	Quality Testing (WELD 121 & 123)	4					
WELD	221	Welding Fabrication 2 (WELD 211 & 212 & ENGL 250)	4					
WELD	222	Introduction to Welding Automation (WELD 211 & 212)	3					
TECHNICAL RELATED								
EEET	201	Electrical Fundamentals (ACT 24 or MATH 116)	3					
MATL	240	Introduction to Material Science	4					
MFGT	150	Manufacturing Processes	2					
COMMUNICATIONS COMPETENCE								
ENGL	150	English 1 (ACT 14 or ENGL 074)	3					
ENGL	250	English 2 (ENGL 150)	3					
QUANTITATIVE SKILLS								
MATH	116	Intermediate Algebra & Numerical Trig (ACT 19 or MATH 110)	4					
SCIENTIFIC UNDERSTANDING								
PHYS	211	Introductory Physics (MATH 116 or 120 or ACT 26)	4					
CULTURAL ENRICHMENT								
		Cultural Enrichment Elective	3					
SOCIAL AWARENESS								
		Social Awareness Elective	3					
FRESHMEN/SEMINAR								
FSUS	100	FSU Seminar	1					
Unofficial Statistics								
Major: Total Crs / Earned Crs / Honor Points			33					
Degree: Total Crs / Earned Crs / Honor Points			63					
GPA Major:			-					
GPA Degree:			-					

AAS Minimum General Education Requirements:

Cultural Enrichment (CE) – 3 credits; Social Awareness (SA) - 3 credits; Communications - 6 credits;
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Reference: http://www.ferris.edu/htmls/academics/gened/gen_edspecific.htm



Associate in Applied Science Degree

Welding Technology

Course Sequence Guide

Student:		ID:	
Email:		Ph:	
Advisor:			

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WELD	112	Welding Graphics (Admit to WT)		3	
WELD	113	Welding Processes 1 Lab (Admit to WT)		4	
ENGL	150	English 1 (ACT 14 or ENGL 074)		3	
		Cultural Enrichment Elective		3	
FSUS	100	FSU Seminar		1	
			Total	17	
YEAR 1 - SPRING SEMESTER				Crs	Gr
WELD	121	Welding Processes 2 Lecture (WELD 111 & 113)		3	
WELD	123	Welding Processes 2 Lab (WELD 111 & 113)		4	
MATL	240	Introduction to Material Science		4	
MATH	116	Intermediate Algebra & Numerical Trig (ACT 19 or MATH 110)		4	
			Total	15	
YEAR 2 - FALL SEMESTER				Crs	Gr
WELD	211	Welding Fabrication 1 (WELD 121 & 123)		5	
WELD	212	Quality Testing (WELD 121 & 123)		4	
ENGL	250	English 2 (ENGL 150)		3	
PHYS	211	Introductory Physics (MATH 116 or 120 or ACT 26)		4	
			Total	16	
YEAR 2 - SPRING SEMESTER				Crs	Gr
WELD	221	Welding Fabrication 2 (WELD 211 & 212 & ENGL 250)		4	
WELD	222	Introduction to Welding Automation (WELD 211 & 212)		3	
EEET	201	Electrical Fundamentals (ACT 24 or MATH 116)		3	
MFGT	150	Manufacturing Processes		2	
		Social Awareness Elective		3	
			Total	15	

Contact the Department of Welding Engineering Technology for more information

Phone: 231-591-2511

Email: weldingdepartment@ferris.edu

www.ferris.edu/welding

MODIFY COURSE

Course Date Entry Form

FORM F
Modify Course
rev. 9/23/02

I. ACTION TO BE TAKEN: MODIFY AN EXISTING COURSE

Notes:

1. If this course is a prerequisite for other university courses, Form Fs for those courses must also be submitted.
2. If either prefix or number are being changed, use 'Delete Course' and 'New Course' forms rather than this form.

List the changes to be made: Add WELD 112 as a prerequisite to WELD 121

Term Effective: Semester Fall Year 2009 See instructions.

II. CURRENT: Include information that is in the current course database.

Course Prefix WELD Number 121 Enter Contact Hours per week in boxes.
LECTure 3 LAB 0 INDEpendent Study – Check (x)
Practicum: Seminar:

Full Course Title: Welding Processes 2 Lecture (WELD 121)

III. PROPOSED CHANGES: Complete only those boxes that represent proposed changes in the course. Leave all other spaces blank.

Course Prefix Number Enter Contact Hours per week in boxes.
LECTure LAB INDEpendent Study – Check (x)
Practicum: Seminar:

Full Course Title:

Abbreviated Course Title:

(Abbreviate only if necessary. Use Arabic numerals. Limit to 26 characters and spaces.)

Semester(s) Offered: (See instructions for listing.) Max. Section Enrollment:

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

Type: Variable Fixed Maximum Credit Hours Minimum Credit Hours

Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

May Be Repeated for Added Credit: Check (x) Yes No

Levels: Check (x) Undergraduate Graduate Professional

CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.

Prerequisites: (if no prerequisites, write "None") Limited to 60 spaces. WELD 111, WELD 112 & WELD 113.

UCC Chair Signature/Date:

Donald Johnson 3/5/09

Academic Affairs Approval Signature/Date:

Donald Johnson 3/8/09

To be completed by Academic Affairs Office: - Standard & Measures Coding and General Education Code

Basic Skill (BS) General Education (GE) Occupational Education (OC) G.E. Codes

Office of the Registrar use ONLY

Date Received: _____ Date Completed: _____ Entered: SIS [125 ____, 1D4 ____]

MODIFY COURSE

Course Date Entry Form

FORM F
Modify Course
rev. 9/23/02

I. ACTION TO BE TAKEN: MODIFY AN EXISTING COURSE

Notes:

1. If this course is a prerequisite for other university courses, Form Fs for those courses must also be submitted.
2. If either prefix or number are being changed, use 'Delete Course' and 'New Course' forms rather than this form.

List the changes to be made: Add WELD 112 as a prerequisite to WELD 123

Term Effective: Semester Fall Year 2009 See instructions.

II. CURRENT: Include information that is in the current course database.

Course Prefix WELD Number 123 Enter Contact Hours per week in boxes.
LECTure LAB INDEPENDENT Study – Check (x)
Practicum: Seminar:

Full Course Title: Welding Processes 2 Lab (WELD 123)

III. PROPOSED CHANGES: Complete only those boxes that represent proposed changes in the course. Leave all other spaces blank.

Course Prefix Number Enter Contact Hours per week in boxes.
LECTure LAB INDEPENDENT Study – Check (x)
Practicum: Seminar:

Full Course Title:

Abbreviated Course Title:

(Abbreviate only if necessary. Use Arabic numerals. Limit to 26 characters and spaces.)

Semester(s) Offered: (See instructions for listing.) Max. Section Enrollment:

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

Type: Variable Fixed Maximum Credit Hours Minimum Credit Hours

Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

May Be Repeated for Added Credit: Check (x) Yes No

Levels: Check (x) Undergraduate Graduate Professional

CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.

Prerequisites: (if no prerequisites, write "None") Limited to 60 spaces. WELD 111, WELD 112 & WELD 113.

UCC Chair Signature/Date:

Donald Johnson 3/15/09

Academic Affairs Approval Signature/Date:

Donald Johnson 3/17/09

To be completed by Academic Affairs Office: - Standard & Measures Coding and General Education Code

Basic Skill (BS) General Education (GE) Occupational Education (OC) G.E. Codes

Office of the Registrar use ONLY

Date Received: _____ Date Completed: _____ Entered: SIS [125 ____, 1D4 ____]

MODIFY COURSE

Course Date Entry Form

FORM F
Modify Course
rev. 9/23/02

I. ACTION TO BE TAKEN: MODIFY AN EXISTING COURSE

Notes:

- 1. If this course is a prerequisite for other university courses, Form Fs for those courses must also be submitted.
2. If either prefix or number are being changed, use 'Delete Course' and 'New Course' forms rather than this form.

List the changes to be made: Add WELD 312 as a prerequisite to WELD 321

Term Effective: Semester Fall Year 2009 See instructions.

II. CURRENT: Include information that is in the current course database.

Course Prefix WELD Number 321 Enter Contact Hours per week in boxes. LECTure 3 LAB 3 INDEpendent Study - Check (x) Practicum: Seminar:

Full Course Title: WELD Automat-Robotics 2 (WELD 321)

III. PROPOSED CHANGES: Complete only those boxes that represent proposed changes in the course. Leave all other spaces blank.

Course Prefix Number Enter Contact Hours per week in boxes. LECTure LAB INDEpendent Study - Check (x) Practicum: Seminar:

Full Course Title:

Abbreviated Course Title:

(Abbreviate only if necessary. Use Arabic numerals. Limit to 26 characters and spaces.)

Semester(s) Offered: (See instructions for listing.) Max. Section Enrollment :

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

Type: Variable Fixed Maximum Credit Hours Minimum Credit Hours

Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

May Be Repeated for Added Credit: Check (x) Yes No

Levels: Check (x) Undergraduate Graduate Professional

CATALOG DESCRIPTION - Limit to 75 words - PLEASE BE CONCISE.

Prerequisites: (if no prerequisites, write "None") Limited to 60 spaces. WELD 311 & WELD 312.

UCC Chair Signature/Date:

Sigmond Johnson 3/5/09

Academic Affairs Approval Signature/Date:

Dave Allen 3/9/09

To be completed by Academic Affairs Office: - Standard & Measures Coding and General Education Code

Basic Skill (BS) General Education (GE) Occupational Education (OC) G.E. Codes

Office of the Registrar use ONLY

Date Received: Date Completed: Entered: SIS [125, 1D4]

MODIFY COURSE

Course Date Entry Form

FORM F
Modify Course
rev. 9/23/02

I. ACTION TO BE TAKEN: MODIFY AN EXISTING COURSE

Notes:

1. If this course is a prerequisite for other university courses, Form Fs for those courses must also be submitted.
2. If either prefix or number are being changed, use 'Delete Course' and 'New Course' forms rather than this form.

List the changes to be made: Add WELD 411 and WELD 412 as a prerequisites to WELD 422

Term Effective: Semester Fall Year 2009 See instructions.

II. CURRENT: Include information that is in the current course database.

Course Prefix WELD Number 422 Enter Contact Hours per week in boxes.
LECTure 3 LAB 0 INDEpendent Study – Check (x)
Practicum: Seminar:

Full Course Title: Material Science (WELD 422)

III. PROPOSED CHANGES: Complete only those boxes that represent proposed changes in the course. Leave all other spaces blank.

Course Prefix Number Enter Contact Hours per week in boxes.
LECTure LAB INDEpendent Study – Check (x)
Practicum: Seminar:

Full Course Title:

Abbreviated Course Title:

(Abbreviate only if necessary. Use Arabic numerals. Limit to 26 characters and spaces.)

Semester(s) Offered: (See instructions for listing.) Max. Section Enrollment:

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

Type: Variable Fixed Maximum Credit Hours Minimum Credit Hours

Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

May Be Repeated for Added Credit: Check (x) Yes No

Levels: Check (x) Undergraduate Graduate Professional

CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.

Prerequisites: (if no prerequisites, write "None") Limited to 60 spaces. WELD 411 & WELD 412

UCC Chair Signature/Date:

Leonard Johnson / ph 3/5/09

Academic Affairs Approval Signature/Date:

Daniel Blahut 3/9/09

To be completed by Academic Affairs Office: - Standard & Measures Coding and General Education Code

Basic Skill (BS) General Education (GE) Occupational Education (OC) G.E. Codes

Office of the Registrar use ONLY

Date Received: _____ Date Completed: _____ Entered: SIS [125 ____, 1D4 ____]

MODIFY COURSE

Course Date Entry Form

FORM F
Modify Course
rev. 9/23/02

I. ACTION TO BE TAKEN: MODIFY AN EXISTING COURSE

Notes:

1. If this course is a prerequisite for other university courses, Form Fs for those courses must also be submitted.
2. If either prefix or number are being changed, use 'Delete Course' and 'New Course' forms rather than this form.

List the changes to be made: Add WELD 411 and WELD 412 as a prerequisites to WELD 499

Term Effective: Semester Fall Year 2009 See instructions.

II. CURRENT: Include information that is in the current course database.

Course Prefix WELD Number 499 Enter Contact Hours per week in boxes.
LECTure 3 LAB 3 INDEpendent Study – Check (x)
Practicum: Seminar:

Full Course Title: Weld Proj Engineering-Mgmt (WELD 499)

III. PROPOSED CHANGES: Complete only those boxes that represent proposed changes in the course. Leave all other spaces blank.

Course Prefix Number Enter Contact Hours per week in boxes.
LECTure LAB INDEpendent Study – Check (x)
Practicum: Seminar:

Full Course Title:

Abbreviated Course Title:

(Abbreviate only if necessary. Use Arabic numerals. Limit to 26 characters and spaces.)

Semester(s) Offered: (See instructions for listing.) Max. Section Enrollment:

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

Type: Variable Fixed Maximum Credit Hours Minimum Credit Hours

Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

May Be Repeated for Added Credit: Check (x) Yes No

Levels: Check (x) Undergraduate Graduate Professional

CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.

Prerequisites: (if no prerequisites, write "None") Limited to 60 spaces. WELD 411 & WELD 412.

UCC Chair Signature/Date:

Donald Johnson 3/5/07

Academic Affairs Approval Signature/Date:

David Fluker 3/9/07

To be completed by Academic Affairs Office: - Standard & Measures Coding and General Education Code

Basic Skill (BS) General Education (GE) Occupational Education (OC) G.E. Codes

Office of the Registrar use ONLY

Date Received: _____ Date Completed: _____ Entered: SIS [125 __, 1D4 __]