

Revised 05/08/2009

PROPOSAL SUMMARY AND ROUTING FORM

Proposal Title: Prerequisite Correction MECH 421 MET Senior Lab

Initiating Unit or Individual: MET Faculty

Contact Person's Name: Chuck Drake e-mail: drakec@ferris.edu phone: 2788

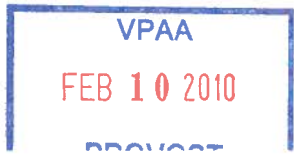
Date or Term of Proposal Implementation: Fall 2010

- 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>Thomas Haller</i>	2/3/10	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Department Faculty			<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Department Head / Chair	<i>Thomas Haller</i>	2/3/10	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
College Curriculum Committee			<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Dean	<i>Ron McLean</i>	2/8/10	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
University Curriculum Committee			<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Senate			<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Academic Affairs	<i>Donald Fleck</i>	2/12/10	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> 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)



1. Proposal Summary

Prerequisite updates for MECH 421 MET Senior Lab were inadvertently omitted from the 2007 Proposal titled, "Mechanical Engineering Technology, AAS and BS, Minor Curriculum Clean-Up."

It was intended, as indicated on the draft checksheet (p. 10 of the proposal, p. 11 of the PDF file), that the prerequisites for MECH 421 be: MECH 330, MECH 332. However no Form F was included.

Attached:

Cover sheet and proposed checksheet from 2007 proposal.
Form F to correct prerequisites for MECH 421.

Reference: www.ferris.edu.....Faculty/Staff.....Academic Affairs.....Senate.....UCC.....
proposals before the UCC 2007-2008.....Mechanical Engineering Technology, AAS and BS

<http://www.ferris.edu/htmls/administration/academicaffairs/vpoffice/senate/univcurrcomm/20072008/mechecnqclnup.pdf>

2. Summary of All Course Action Required*

- a. **Newly Created Courses to FSU:**
- | Prefix | Number | Title |
|--------|--------|-------|
|--------|--------|-------|
-
- b. **Courses to be Deleted From FSU Catalog:**
- | Prefix | Number | Title |
|--------|--------|-------|
|--------|--------|-------|
-
- c. **Existing Course(s) to be Modified:**
- | Prefix | Number | Title |
|--------|--------|----------------|
| MECH | 421 | MET Senior Lab |
-
- d. **Addition of existing FSU courses to program**
- | Prefix | Number | Title |
|--------|--------|-------|
|--------|--------|-------|
-
- e. **Removal of existing FSU courses from program**
- | Prefix | Number | Title |
|--------|--------|-------|
|--------|--------|-------|

3. Summary of All Consultations

Form Sent (B or C)

Date Sent

Responding Dept.

Date Received & by Whom

None. Proposal only affects MECH program.

4. Will External Accreditation be Sought? (For new programs or certificates only)

_____ **Yes**

_____ **No**

If yes, name the organization involved with accreditation for this program.

5. Program Checksheets affected by this proposal.

BS MECH only.

Fall 2007 Proposal

PROPOSAL SUMMARY AND ROUTING FORM

Proposal Title: Mechanical Engineering Technology, AAS and BS, Minor Curriculum Clean-Up

Initiating Unit or Individual: Mechanical Engineering Technology Faculty

Contact Person's Name: Chuck Drake e-mail: drakec@ferris.edu phone: 2788

Date or Semester of Proposal Implementation: Spring 2008

- Group I - A – New degree/major or major, or redirection of a current offering
- 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>Chuck Drake</i>	9/17/07	4 Support 0 Support with Concerns 0 Not Support
Department Faculty	<i>Thomas Holden</i>	9/26/07	3 Support 0 Support with Concerns 0 Not Support
Department Head / Chair	<i>W. Scott</i>	9/26/07	✓ Support Support with Concerns Not Support
College Curriculum Committee	<i>Ken McLean</i>	10/23/07	10 Support 0 Support with Concerns 0 Not Support
Dean	<i>John E. ...</i>	11/3/07	Support Support with Concerns Not Support
University Curriculum Committee	<i>...</i>	11/07/07	✓ Support 8-0 Support with Concerns Not Support
Senate	<i>...</i>	11/07/07	✓ Support Support with Concerns Not Support
Academic Affairs	<i>Donald ...</i>	11/9/07	✓ Support Support with Concerns Not Support

* Support with Concerns or Not Support must include a list of concerns.

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

9/17/07

REC'D NOV 07 2007₁

From Fall 2007 Proposal

MECHANICAL ENGINEERING TECHNOLOGY

PROPOSED August 20, 2007

CHECKSHEET

CHECKLIST FOR A.A.S. DEGREE

FIRST YEAR - FALL SEMESTER

	cr.hr.
MECH 111 MET Seminar	1
MFOT 150 Manufacturing Processes	2
ETEC 140 Engineering Graphics	3
ENGL 150 English I	3
MATH 116 Int. Algebra/Numerical Trig.	4
Cult. Enrich.	3
	16
<i>FSUS 100</i>	<i>1</i>

FIRST YEAR - SPRING SEMESTER

	cr.hr.
MECH 122 Computer Applications(MATH 116_)	2
PHYS 211 Introductory Physics I(MATH 116)	4
MATH 126 Algebra and Analytic Trig(MATH 126)	4
ENGL 250 English 2 (ENGL 150)	3
Soc. Aware.	3
	16

SECOND YEAR - FALL SEMESTER

	cr.hr.
MECH 211 Fluid Mechanics(MATH 126, PHYS 211)	4
MECH 340 Statics & Str. of Mat's(MATH 126,PHYS 211)	4
MECH 341 Stat.and Str. of Mat's Lab(co-req MECH 340)	1
MATH 216 Applied Calculus (MATH 126)	4
CHEM 114 Intro to General Chemistry	4
	17

SECOND YEAR - SPRING SEMESTER

	cr.hr.
MECH 212 Kinematics of Mechanisms	2
(MATH 216,PHYS 211)	
MECH 222 Machine Design (MECH 340)	4
MECH 223 Thermo. and Heat Trans(MATH 216,PHYS 211)	3
EECT 201 Electrical Fundamentals(MATH 116)	3
COMM 121 Public Speaking	3
	15

total hours - AAS MET **64**

CHECKLIST FOR B.S. DEGREE

THIRD YEAR - FALL SEMESTER

	cr.hr.
MECH 330 Heat Transfer (MATH 216, MECH 223)	3
MATL 240 Introduction to Material Science	4
PHYS 212 Introductory Physics II (PHYS 211)	4
MECH 311 FEA / Modeling (ETEC 140, MECH 340)	2
MFGE 341 Quality Science Statistics (MATH 116)	3
	16

THIRD YEAR - SPRING SEMESTER

	cr.hr.
MECH 332 Mechanical Measurements/Mechanics	3
(MECH 211, ERET201, MFGE341)	
MECH 360 Dynamics (MATH 216, PHYS 211)	3
MFGE 423 Engineering Economics (MATH 126)	2
MATH 226 Fourier Ser.& Appl.Diff.Eqn.(MATH 216)	4
computer programming	2
Cult. Enrich.	3
	17

THIRD YEAR - SUMMER SEMESTER

MECH 393 Industrial Internship	4
	4

FOURTH YEAR - FALL SEMESTER

	cr.hr.
MECH 440 Noise & Vibr. (MATH 216 or 220, MECH 360)	3 ✓
MECH 421 MET Senior Lab (MECH 330, MECH 332)	4 ✓
MATL 341 Material Selection - Metals (MATL 240)	3 ✓
Soc. Aware. 200 or higher	3 ✓
Approved Technical Elective*	3 ✓
	16

FOURTH YEAR - SPRING SEMESTER

	cr.hr.
MECH 499 MET Senior Project	3
(MECH 421, co-req ENGL 311)	
ENGL 311 advanced communications requirement	3
Approved Technical Elective*	3
Soc. Aware.	3
Cult. Enrich. 200 Level or above	3
	15

total hours -junior and senior years of BSMET **68**

*A total of 6 credits of advisor approved technical electives are required.
Any combination of approved courses may be used.

total hrs AS + BS (includes 4 cr internship) **132**

Transfer students should contact a M.E.T. faculty member to discuss options for starting points in the programs.

MODIFY COURSE
Course Data Entry Form

FORM F

Modify Course
Rev. 07/23/07

I. ACTION TO BE TAKEN: MODIFY AN EXISTING COURSE

Notes:

1. Complete all parts of Sections I and II; complete only those items in Section III that represent changes.
2. If either prefix or number is being changed, use 'Delete Course' and 'Create New Course' forms rather than this form.

a. List the changes to be made (See Proposed Changes a through p below): Change prerequisites, p.

b. Term Effective (6 digit code only): 201008 Examples: 200801(Spring), 200805(Summer), 200808(Fall)
Note: The first four digits indicate year, the next two digits indicate month in which term begins.

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

a. Course Prefix MECH b. Number 421 c. Enter Contact Hours per week in boxes.
LECTure 3 LAB 3 INDEpendent Study – Check (x)
Practicum: Seminar:

d. Course Title: MET Senior Lab

III. PROPOSED CHANGES: Complete only those boxes that represent proposed changes identified in Section I. Leave all other spaces blank.

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

d. Course Title: (Limit to 30 characters/spaces.)

e. College Code: f. Department Code:

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

g. Type: Variable Fixed h. Maximum Credit Hours i. Minimum Credit Hours

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

k. Levels: Check (x) Undergraduate Graduate Professional

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

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

n. Term(s) Offered: (See instructions for listing.) o. Max. Section Enrollment:

p. Prerequisites/Co-requisites/Restrictions: Limited to 100 spaces. MECH 330, MECH332, Senior Status in MECE

UCC Chair Signature/Date: _____ / /

Academic Affairs Approval Signature/Date: [Signature] 2/2/10

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 Rec'd: _____ Date Completed: _____ Entered: SCACRSE ___ SCADTL ___ SCARRES ___ SCAPREQ ___