

Program: Engineering Technology, General
Construction Track
Offered at: UWF

CIP: 15.0000
Track: 2/3
Prog. Lngth: 120 Cr. Hrs.

Revised 2/25/09

LOWER LEVEL COURSES

ACGX021 OR ACGX001 & ACGX011	3	Accounting Principles
& <u>MACX233</u> OR MACX311	3 4	Calculus for Business & Social Science I Calculus I
& MACX312	4	Analytic Geometry & Calculus II
& PHYX048/L OR PHYX048C	4	Physics I and Lab
<u>& PHYX053/X053L</u> <u>Or PHYX004/X004L</u>	4	General Physics I with Lab
<u>& PHYX054/X054L</u> <u>OR PHYX005/X005L</u>	4	General Physics II with Lab
& STAX023	3	Statistics
& XXXXXXXX	3	Science Course for Science Majors
<u>& BCNX251</u>	3	Building Construction Drawing I
<u>& BCNX201C</u>	3	Construction Materials
<u>& BCNX405</u>	3	Applied Statics & Strength
<u>& ECOX013</u>	3	Macroeconomics
<u>& ECOX023</u>	3	Microeconomics
<u>& BULX130</u> <u>OR BULX310</u> <u>OR BULX320</u> <u>OR BULX241</u>	3	Legal Env of Business
<u>& CGSX100</u> <u>OR CGSX531</u> <u>OR CGSX570</u>	3	Application for Business

39 Required Common Prerequisites
-9 Possible Gen Ed Core
-9 Possible additional gen ed
21 credits CP only & 36 GE = 57 credit hrs

Application to Modify Established Degree Program Common Prerequisites in Designated CIP Code Area

Degree Program Name: Engineering Technology, General – Construction CIP Code 15.000

Anticipated Degree Total Hours: 120

Are other degree programs under this name currently found in the Common Prerequisite Manual (CPM)? Yes No

If yes, under what CIP code? 15.1001

Institution Requesting Modification: UWF

Name of Contact Person: Dr. Nancy Hastings

Email Address: nhastings@uwf.edu **Phone Number:** (850) 474-3013

Please list the current common prerequisites for any similar program (may be in a different CIP but same major): Please add rows to the table as appropriate.

CIP: 15.0000 **Track:** 2/3

Current Primary Prerequisites	Current Alternative Course(s)
ACGx021	ACGx001 & ACGx011
MACx105	
MACx114	
MACx140	
MACx311	
PHYx053	PHYx048

1. **Is there a similar program?** Yes No

2. **If yes, are you requesting a modification of currently approved common prerequisites of a similar program within the *Common Prerequisite Manual*?**

No XX Yes _____

Maybe - depends upon Discipline Committee recommendation _____

Our request is to use exactly the same common prerequisites as listed in CIP 15.1001 (Track 3 of 3).

If yes or maybe above, please provide justification regarding the significant differences in your curriculum that would necessitate a new track with different common prerequisites:

Based on a program review, UWF seeks to change the existing common prerequisite requirement to the one currently used by the University of North Florida in CIP 15.1001 (Track 3/3).

3. **What are your proposed common prerequisites?** Please provide the following information. You can find details about individual courses at the hyperlink to the Statewide Course Numbering System ([SCNS](#)). Type in the prefix and four digit number of the proposed course and select the Search button. The resulting hyperlink of the course number leads to a page with two tabs: statewide course detail and institutions. Clicking on the institutions tab will identify the institutions offering the course.

The following common prerequisites are from CIP 15.1001 (Track 3 of 3) verbatim.

Please add rows to the table as appropriate.

Proposed Course	Title of Proposed Course	# FCS Currently Offering Course	# SUS Currently Offering Course	Justification for the addition or deletion
ACGx021	Accounting Prin	23	12	
BCNx251	Bldg Const Drwg I	8	3*	
BCNx210C	Construction Matl	6	2*	
BCNx405	Appld Statics & Strength	6	3	
ECOx013	Macro Econ	28	11	
ECOx023	Micro Econ	28	11	
MACx233	Cal for Bus & SS	28	11	(or MACx311)
PHYx053/L	Gen Physics I	27	10	(or PHYx004/L)
PHYx054/L	Gen Physics II	27	10	(or PHYx005/L)
STAx023	Statistics	28	11	

BULx130	Leg Env of Bus	12	4	(or BULx310 or BULx320 or BULx241)
CGSx100	Apps for Business	6	0	(or CGSx531 or CGSx570)

* UWF will add these courses

4. **If your request includes course(s) that are offered currently at three or fewer FCS institutions, please provide a justification as to why these courses are critical for a student's success in your upper division. N/A**

5. **If your request includes courses that are offered currently only at your institution, do you have enough elective credit hour space in your upper division curriculum so that the associate in arts transfer student can complete the courses and still be held harmless in excess hours and time?**
 - a. Yes_____ b. No_____ N/A

6. **If your request includes courses that are offered only at your institution, are you willing and able to offer these courses online or during the summer so that transfer students can complete the courses without delaying admission for the fall?**
 - a. Yes_____ b. No_____ N/A

7. **Is the credit hour total for required prerequisite coursework more than 24 credit hours?**
 - a. Yes__XX__ b. No_____

If yes, how do you anticipate students meeting the general education requirement?

- b. X Course(s) are anticipated to be "core" general education (STAx023 & PHYx053)

- c. X Course(s) are anticipated to be part of most institutions' general education program (ECOx023, MACx233)

- d. _____ Other (please specify):

Program: Internet of Things

CIP: 15.9999

Offered at: FIU

Track: 2 / 2

Prog. Lngth: Cr. Hrs.

LOWER LEVEL COURSES

MACX105 OR MACX147		College Algebra Precalculus Algebra & Trigonometry
& MACX114 OR MACX147		Trigonometry Precalculus Algebra & Trigonometry
& COPX250 OR COPX252 OR COPX252 OR COPX253		Programming in Java
& PHYX053 3 & PHYX048L 1 Or PHYX0053L OR PHYX004/X004L		Physics I without calculus and lab (1)
& PHYX054 3 & PHYX049L 1 OR PHYX054L OR PHYX005/X005L		Physics II without calculus and lab

(1) Or equivalent

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

Application to Approve Common Prerequisites for new Degree

Degree Program Name: Bachelor of Science Internet of Things CIP Code: 15.9999

Anticipated Degree Total Hours: 120

Are other degree programs under this name currently found in the Common Prerequisite Manual (CPM)? Yes No

If yes, under what CIP code? **Not applicable**

Institution Requesting Modification: Florida International University

Name of Contact Person: Janie Valdes

Email Address: Janie.Valdes@fiu.edu Phone Number: 305-348-0265

Please list the current common prerequisites for any similar program (may be in a different CIP but same major): Please add rows to the table as appropriate. **Not Applicable - there is no similar degree in SUS**

CIP: _____ Track: _____

Current Primary Prerequisites	Current Alternative Course(s)

1. Is there a similar program? Yes No
2. If yes, are you requesting a modification of currently approved common prerequisites of a similar program within the *Common Prerequisite Manual*?
 No Yes
 Maybe - depends upon Discipline Committee recommendation _____

If yes or maybe above, please provide justification regarding the significant differences in your curriculum that would necessitate a new track with different common prerequisites:

3. What are your proposed common prerequisites? Please provide the following information. You can find details about individual courses at the hyperlink to the Statewide Course Numbering System ([SCNS](#)). Type in the prefix and four digit number of the proposed course and select the Search button. The resulting hyperlink of the course number leads to a page with two tabs: statewide course detail and institutions. Clicking on the institutions tab will identify the institutions offering the course.

Please add rows to the table as appropriate.

Proposed Course	Title of Proposed Course	# FCS Currently Offering Course	# SUS Currently Offering Course	Justification for the addition or deletion
MAC 1105 Or MAC 1147	College Algebra Or Precalculus Algebra & Trigonometry	All	All	
MAC 1114 Or MAC 1147	Trigonometry Or Precalculus Algebra & Trigonometry	All	All	
COP 2250 Or X251, X252, X253	Programming in Java	9	4	
CHM 1045	General Chemistry I & Lab	All	All	
PHY 2053 & PHY 2048L or equivalent	Physics I without Calculus & Lab	All	All	
PHY 2054 & PHY 2049L or equivalent	Physics II without Calculus & Lab	All	All	

4. If your request includes course(s) that are offered currently at three or fewer FCS institutions, please provide a justification as to why these courses are critical for a student's success in your upper division. **Not Applicable**
5. If your request includes courses that are offered currently only at your institution, do you have enough elective credit hour space in your upper division curriculum so that the associate in arts transfer student can complete the courses and still be held harmless in excess hours and time? **Not Applicable**

- a. Yes _____ b. No _____
6. If your request includes courses that are offered only at your institution, are you willing and able to offer these courses online or during the summer so that transfer students can complete the courses without delaying admission for the fall? **Not Applicable**
- a. Yes _____ b. No _____
7. Is the credit hour total for required prerequisite coursework more than 24 credit hours?
- a. Yes _____ b. No X

If yes, how do you anticipate students meeting the general education requirement? **Not Applicable**

- b. _____ Course(s) are anticipated to be "core" general education
- c. _____ Course(s) are anticipated to be part of most institutions' general education program
- d. _____ Other (please specify):

Program: Entrepreneurship **CIP:** 52.0701
Offered At: FSU, USF SP* **Track:** 1
Program Length: 120 Cr. Hrs.
124

NEW program 5/22/2013
 Revised:
 *Limited Access

LOWER LEVEL COURSES

	Cr Hours	
ACGX021 (1)	3	Financial Accounting
& ACGX071 (1)	3	Managerial Accounting
& CGSX0100 (1)	3	Computers in Business
& ECOX013	3	Macroeconomics
& ECOX023	3	Microeconomics
& MACX233 or MACX230	3	Calculus for Business & Social Science I
& STAX023	3	Intro Statistics
Or QMBX100 (2)		Basic Business Statistics
Or STAX122 (2)		Statistics Application in Social Sciences
<u>& LDRXXXX (3)</u>	<u>3</u>	<u>Any leadership course</u>
<u>Or SLSX261 (3)</u>		

- (1) Not required by FSU
- (2) ~~(4)~~ STAX023 or QMBX100 is preferred by USF SP. FSU Prefers STAX023 or STAX122.
- (3) FSU requires any 3 credit hour leadership course.

Proposed State Common Prerequisites
Name of Degree Program: Entrepreneurship
CIP Code of Program 52.0701 Track #: 2

Name(s) of the institution making the request: Florida State University
 Name(s) of other institutions in the same CIP and Track: N/A

Current State Common Prerequisites Entrepreneurship (USF SP)			Proposed Changes: State Common Prerequisites		
Course Prefix	Course Name	Cr. Hrs.	Course Prefix	Proposed Changes	Cr. Hrs.
ACG x021	Financial Accounting	3			
ACG x071	Managerial Accounting	3			
CGS x100	Computers in Business	3			
ECO X013	Principles of Macroeconomics	3	ECOX013*	Principles of Macroeconomics	3
ECO X023	Principles of Microeconomics	3	ECOX023*	Principles of Microeconomics	3
MAC X2333 OR MAC X230	Calculus for Business & Social Sciences	3	MAC X105	Algebra or any higher math course Alternative: MACX2333 or MACX230	3
STA X023 OR STA X12 OR QMB X100	Fundamental Business Statistics or Introduction to Applied Statistics or Statistics Application in Social Sciences	3	STA 2023 or STA 2122	Fundamental Business Statistics, or Introduction to Applied Statistics	3
			LDRXXXX*	Any leadership course	3
Current Total Common Prerequisite Credit Hours		21	Proposed Total Common Prerequisite Credit Hours		15
Test For Excess Hours			Rationale for Request		
60	Credit Hours for AA Degree	An explanation of the why The Jim Moran School of Entrepreneurship is proposing different prerequisites than the program at USF is attached.			
15	# of Common Prerequisite Credit Hours				
4	# of Gen Ed Core courses in CPs				
41	# Credit hrs to complete rest of gen ed				

Directions:

- List all primary courses used as current common prerequisites in first column on left, providing the course name and additional alternative courses in the next column entitled "Course Name." Indicate the number of credit hours of each required course.
- Place the current total of for the common prerequisites in the shaded "# CP Hr" box.
- Copy course prefixes listed in the first column and past them under the course prefix column found to the right of the shaded vertical line. If the course is no longer to be requested as a common prerequisite, strike through the course.
- Add any acceptable alternative courses for each course under the corresponding "Proposed Changes" section. Also include any additional changes (such as a footnote is needed to further explain an issue).
- If a totally new course is requested to be a common prerequisite, please add that course after the currently listed courses. It should be listed as a prefix and number and be underlined. Be aware that an upper division course may not serve as a common prerequisite unless there is a lower division course available as an alternate.
- Place any alternative courses and individual course justification in the corresponding proposed changes cell for each newly proposed common

3/3/2017

- prerequisite.
- Indicate the new course total credit hours in the column to the right. Add the total number of common prerequisite hours under the new proposal in the corresponding cell for the number of common prerequisite hours.
- Complete the test for excess hours found in the bottom left hand corner of the table.
- Add the general rationale as to the need for a change in common prerequisites.

Name of faculty member(s) making the request: Susan S Fiorito
 Email(s) of faculty member(s) making the request: sfiorito@jimmoranschool.fsu.edu

The university primary liaison for common prerequisites has seen this request: (X) Yes () No () I don't know who the liaison is for my university.

Justification for Prerequisites for the Jim Moran School of Entrepreneurship

Unlike other entrepreneurship programs in Florida with the CIP Code 52.0701, which are housed within Colleges of Business, the Jim Moran School of Entrepreneurship is a separate school. This significant structural difference between a program and a school results in different required prerequisites.

The Jim Moran School of Entrepreneurship will not only be the first entrepreneurship school outside of a College of Business at a public institution, but also the first interdisciplinary entrepreneurship school. Therefore, the prerequisites appropriate for an independent school of entrepreneurship would naturally differ from an entrepreneurship major within a college of business. The Jim Moran School of Entrepreneurship asked Entrepreneurship faculty from across the Florida State University to be on a committee to select the prerequisites that would be appropriate for the Jim Moran School. Each course selected to be a prerequisite for the Jim Moran School of Entrepreneurship was chosen with the entrepreneurship curriculum and students in mind.

Although there are differences in the prerequisites, those differences are very minimal. In fact 9 of the 15 hours that are required for the Jim Moran School of Entrepreneurship are identical or nearly identical to what is being required at the University of South Florida. The identical courses include both the Economics classes. The Statistics requirement is almost identical – with the addition of the QMB X100 course as an alternative – but FTIC students would not have access to the course in their maps – only transfer students.

In addition, students in the Jim Moran School of Entrepreneurship will not be allowed to take courses from the College of Business at FSU. The College of Business does not have the capacity available for our students to take their courses. Therefore, unlike USF, we will require neither ACG 2021 (Financial Accounting) or ACG 2071 (Managerial Accounting) as prerequisites, because our students will have both finance and accounting for entrepreneurs as two of their core courses. It would be duplicative if the students took Accounting as a prerequisite and then took it again as a major course. Thus, all students in the Jim Moran School of Entrepreneurship will get the same or similar content as students in other entrepreneurship programs across the state, just later in their academic program.

Regarding CGSX100, we have decided it would be better to teach computer competency in several of our required core courses while having students actually apply what they learn, rather than having a standalone computer course as is required as a prerequisite

for USF. Our students will use the Microsoft suite of programs such as Word, Excel, and Power Point in at least four core courses: Entrepreneurship Technologies (ENT 3XXX); Experiences in Entrepreneurship I and II (ENT 3001 and ENT 3002); and Measuring Financial Success, which is our accounting and finance class (ENT 3XXX).

We have chosen not to require MAC 2233 (Business Calculus) because MAC1105 (College Algebra) will satisfy the math requirement for our entrepreneurship majors. Again, this difference relates to the idea that our interdisciplinary Entrepreneurship program will draw students from a wide range of academic backgrounds and interests.

The program faculty are very happy that our prerequisite committee has chosen to require entrepreneurship students to take a leadership course as a prerequisite to the ENT major in the Jim Moran School of Entrepreneurship. We think it is essential for an entrepreneur to be exposed to good leadership skills early on in order to run a successful company.



January 31, 2018

Dear: Jeremy M. Hudak

In reviewing the current information in the State Mandated Prerequisite Manual, we have noted some technical corrections that are necessary and one update.

On behalf of St. Petersburg College please update the following information in the State Mandated Prerequisite Manual:

Special Education, General (ESED-BS) (CIP#13.1001): 125 credits

- Incorrectly listed on SMP manual as 124 credits
- 125 credits on SPC records back to Fall 2008

Elementary Teacher Education (ELED-BS) (CIP#13.1202): 120 credits

- Incorrectly listed on SMP manual as 123
- 120 credits on SPC records back to Fall 2008

2017-2018 Update

Biology Teacher Education (BSCED-BS) (CIP#13.1322): 121 credits

- Currently listed at 123 in 2017/2018 SMP manual
- No change to state mandated prerequisite courses
- SPC curriculum changes reduced overall credit hours to 121 for enrollment beginning Fall 2017

Sincerely,

A handwritten signature in cursive script that reads "Anne M. Cooper".

Anne Cooper, PhD
Senior Vice President
Instruction and Academic Programs
St. Petersburg College

cc: Dr. Sabrina Crawford, Executive Director, Institutional Research and Effectiveness
Margaret Bowman, Director, Curriculum Services
Angela Ashe, Research Analyst, Curriculum Services

January 16, 2018

To: Mr. Jeremy M. Hudak,
Coordinator of Academic and Student Affairs

From: Dr. Julie Alexander,
Vice Provost for Academic Affairs

Re: Miami Dade College (MDC) Secondary Mathematics Education (CIP 13.1311)

Miami Dade College (MDC) is requesting a technical update to the Common Prerequisite Manual for **Secondary Mathematics Education (CIP 13.1211)**. MDC is requesting that the program length be updated to reflect the appropriate number of credits from 131 to 120.

If you have any questions or require additional information, please feel free to contact us.