

Advising Manual for Students in the  
Bachelor of Science Program in Construction Management

Department of  
Sustainable Construction Management and Engineering

Fall 2010 – Spring 2011



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## Advising Websites:

The Department of Sustainable Construction Management and Engineering homepage:  
<http://www.esf.edu/scme/>

Registrar's homepage for fall and spring time schedules and registration instructions:  
<http://www.esf.edu/registrar/>

Construction Management program in the ESF College Catalog:  
<http://www.esf.edu/scme/undergraduate/cm.htm>

SUNY Approved Gen Ed course lists for all SUNY institutions:  
<http://www.suny.edu/provost/generaleducation/CourseList/mastercampuslist.cfm>

SUNY-ESF Transfer agreements:  
<http://www.esf.edu/admissions/transfer/tags/>

## Important Dates:

### Fall 2010:

First day of Classes:	Monday, Aug. 30
Last day to ADD a course:	Tuesday, Sept. 7
Last day to DROP a course:	Tuesday, October 26
Advising:	Nov. 1 – 9
Registration:	Nov. 10 – 19

### Spring 2011:

First Day of Classes:	Tuesday, January 18
Last day to ADD a course:	Tuesday, January 25
Last Day to DROP a course:	Tuesday, March 22
Advising:	April 4 - 8
Registration:	April 11-19

# Advising Information for Construction Management Students

## *Required Courses and the Plan Sheet*

Your Plan Sheet lists the courses that you are required to take to complete the bachelor's degree program. The plan sheet contains all required courses by semester, including general education electives and open elective slots for a total of 128 credit hours of coursework. It is important to take courses in sequence to satisfy prerequisite requirements. **Important:** Keep a copy of your original Plan Sheet.

All students will receive a copy of their plan sheet when you arrive at ESF for orientation. A sample freshman plan sheet is shown on pages 11-15 for freshman enrolling fall 2010. A transfer student plan sheet is shown on pages 16-20 for transfer students entering spring 2011. **Once you have enrolled you can view and download your plan sheet via the ESF student webpage.**

## *Course sequences*

There are several course sequences that must be taken in order. Failure to do so may prolong your stay at ESF to an additional semester or additional year.

- The Construction Management sequence:
  1. CME 342 Light Construction
  2. CME 343 Construction Estimating
  3. CME 453 Construction Planning and Scheduling
  4. CME 454 Construction Project Management
- The Engineering sequence:
  1. Calculus 1 (can be taken at same time as Physics)
  2. Physics (Calc 1 is co-req so can be taken at the same time as Physics)
  3. ERE 221 Statics [for Freshman entering fall 2010 and transfers entering spring 2011, CME 226 Statics and Mechanics replaces ERE 221 and ERE 362]
  4. ERE 362 Mechanics of Materials
  5. CME 404 Applied Structures (formerly WPE 404 Timber Design)<sup>1</sup>
- The Construction Materials sequence:
  1. CME 387 Renewable Materials for Sustainable Construction (formerly Wood Structure and Properties)<sup>2</sup>
  2. [for Freshman entering fall 2010 and transfers entering spring 2011, CME 306 Engineering Materials for Sustainable Construction]
  3. CME 422 Composite Materials for Sustainable Construction

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<sup>1</sup> CME 387 Renewable Materials for Sustainable Construction is also required for CME 404 Applied Structures (Formerly Timber Design)

<sup>2</sup> CME 387 is a prerequisite for CME 306, CME 404 and CME 422

## ***Concentrations, Minors and Electives***

Concentrations, minors and free electives, including internships can be used to fill elective slots.

### **Concentration in Wood Products Engineering**

**14 credits:**

CME 322 Mechanical Processing	3
CME 326 Fluid Treatments	3
CME 376 Decay of Wood Products	3
CME 388 Wood Identification	2
CME 444 Materials Marketing	3

### **Concentration in Sustainable Construction and Renewable Materials**

The concentration in Sustainable Construction and Renewable Materials is available for freshman enrolled prior to 2010; or transfer students enrolled prior to January 2011.

Students select 12 credits from the following:

CME 215 (ERE 496) Sustainable Construction	Spring
CME 305 (ERE 496) Sustainable Energy Systems/Buildings	Fall
CME 304 (ERE 596) Environ. Performance Measures	Spring
CME 306 Engineering Materials for Sustainable Construction	Spring
CME 330 Building Codes	Fall
CME 376 Decay of Wood Products	Spring
CME 388 Wood Identification	Fall
CME 406 Building Information Modeling	Spring
CME 444 Materials Marketing	Fall
ERE 519 Green Entrepreneurship	Spring
ERE 596 Sustainable Innovations in Residential Construction	Spring
EST 426 Concepts of Sustainable Development	Fall
EST 550 Environmental Impact Analysis	Spring
<u>Syracuse University courses:</u>	
ECS 326 Engineering Materials	Fall
CIE 478 Rehab of Civil Structures	Fall

Other/certain courses may be approved by petition if course content is appropriate.

### **Internships**

Students enroll in CME 303 Internship in Construction Management. If you plan to take an internship during the summer, contact your advisor for guidance and to fill out a petition for pre-approval. Internship requirements include employment (paid or unpaid) in construction management, and one assignment; a paper describing your experience. It is possible to enroll in multiple internships if they are in different areas of construction management.

## Minors at ESF:

Minors offered at ESF are Bioprocess Science, Computer and Information Technology, Construction Management (not for CM students), Forestry, Management, Paper Science, Recreation Resource and Protected Area Management, Renewable Energy, Sustainable Construction Management (not for CM students), Urban Environmental Science, and Water Resources. For details on these minors see the ESF College Catalog online. The minors most popular with Construction Management students are the three management minors (see below). Others of interest to CM students are Urban Environmental Science and Renewable Energy, although any minor is possible. Depending on the minor 15 to 18 credits of elective coursework are required.

## Management Minor

(see the college catalog for details of other minors )

Admission to the minor is by petition, advisor approval, Syracuse University approval, and requires a minimum GPA of 2.75. There are three management minors:

- Entrepreneurship Minor
- General Management Studies Minor
- Marketing Minor

Each minor is 18 credits of coursework. One of the CM required courses, FOR 360 Principles of Management, counts towards the minor. For a full description of the management minor see page 10 of the College Catalog.

<b>Entrepreneurship Minor:</b>
Required:
ACC 201 Introduction to Accounting for Non-Management Students (3) FIN 301 Finance for Non-Management Students (3) EEE 370 Introduction to Entrepreneurship and Emerging Enterprises (3)
Plus three additional courses from the following:
EEE 375 Entrepreneurial and Family Business Management (3) EEE 400 Special Topics (3) EEE 442 Emerging Enterprise Law (3) EEE 443 Consulting in Entrepreneurial Practice (3) EEE 451 Finance for Emerging Enterprises (3) FOR 360 Principles of Management or PSE456 Management in the Paper Industry (3). CME 444 Materials Marketing (by petition until approval by SU)
<b>General Management Studies Minor:</b>
Required:

ACC 201 Financial Accounting for Non-Management Students (3) EEE 370 Introduction to Entrepreneurship and Emerging Enterprises (3) FIN 301 Finance for Non-Management Students (3) LPP 225 Introduction to the Legal System (3) or FOR 488 Natural Resources Agencies and Administration (3) MAR 255 Principles of Marketing (3) SHR 355 Strategic Human Resource Management (3) The following courses may be substituted for SHR 355, EEE 370, or MAR 255: FOR 360 Principles of Management (3); PSE 456 Management in the Paper Industry (3), CME 444 Materials Marketing (3)
<b>Marketing Minor:</b>
Required:
ACC 201 Financial Accounting for Non-Management Students (3) EEE 370 Introduction to Entrepreneurship and Emerging Enterprises (3) FIN 301 Finance for Non-Management Students (3) MAR 255 Principles of Marketing (3)
Plus two additional courses from the following:
MAR 356 Marketing Research (3) MAR 400 Special Topics (3) MAR 455 Marketing Communications (3) MAR 456 Global Marketing Strategy (3) FOR 360 Principles of Management (3) PSE 456 Management in the Paper Industry (3) CME 444 Materials Marketing (3)

## General Education Electives

General Education (Gen Ed) courses are required by the State of New York. Nine Gen Ed courses are required; a list of these is provided on your plan sheet. Five of the nine requirements are fulfilled by meeting the Construction Management program requirements:

Basic Communications: CLL 190 Writing and the Environment or equivalent

Natural Sciences: General Chemistry with Lab

Mathematics: Calculus 1

Humanities: CLL 290 Writing, Humanities and Environment or equivalent

Social Sciences: FOR 207 Intro to Economics or equivalent

It is important to note that if you fulfilled any of these requirements at other schools, these courses must also fulfill the course topic indicated here (examples: Economics is required even if you fulfilled the Social Science requirement with a course that was not an economics course; a writing course is required even if you fulfilled the Humanities requirement with a course that was not a writing course.

Four Gen Ed courses are selected to fill the remaining four Gen Ed requirements:

American History (suggested: FOR 204, EST 201)

Western Civilization (suggested: FOR 203)

Other World Civilizations (suggested: EST 200)

The Arts (suggested: LSA 206, LSA 182, PSE 201)

In addition to these suggested courses, there are courses available at Syracuse University to fill the Gen Ed requirements should you have scheduling conflicts

## **Open Electives**

These are suggested elective courses for students in Construction Management. These are meant as a guide; elective coursework is not limited to these courses.

### **Fall semester electives**

**For freshman enrolling fall semester 2010 and transfer students enrolling spring 2011:**

- CME 303 Internship in Construction Management
- CME 330 Building Codes
- CME 332 Mechanical and Electrical Equipment
- ERE 496 Site Investigations and Solutions
- ERE 496 Seminar on Deconstruction
- CME 444 Materials Marketing
- CME 487 Wood Chemistry and Physics
- CME 388 Wood Identification
- FOR 487 Environmental Law and Policy
- ERE 551 GIS for Engineers
- ERE 596 Storm water Management
- ERE 596 Tropical Timbers
- ERE 596 Structural Engr/Lateral Force
- ERE 596 Solid Waste Management
- CMN 220 Public Presentation Skills for Environmental Professionals
- EST 426 Community Planning and Sustainability

**Syracuse University courses:**

- ECS 326 Engineering Materials
- CIE 478 Rehab of Civil Structures
- CIE 537 Engineering Analysis of Earth Materials
- CIE 584 Designing with Geosynthetics
- CIE 555 Hazardous Waste Management

**In addition these courses are available as electives for transfer students enrolling fall 2010 and our current students:**

- CME 255 Plan Interpretation and Quantity Takeoff
- CME 305 Sustainable Energy Systems/Buildings

### **Spring semester electives**

**For freshman enrolling fall semester 2010 and transfer students enrolling spring 2011:**

- CME 303 Internship in Construction Management
- CME 326 Fluid Treatment of Wood
- CME 350 Construction Methods and Equipment (Spring 2012-alternate years)
- CME 376 Decay of Wood Products
- ERE 519 Green Entrepreneurship
- ERE 596 Sustainable Innovations in Residential Construction
- FEG 365 Principles of Remote Sensing
- CMN 220 Public Presentation Skills for Environmental Professionals
- CMN 493 Environmental Communication Workshop



FOR 338 Meteorology  
FOR 496 Prof. Comm Skills  
Syracuse University courses:  
CIE 338 Soil Mechanics and Foundations II  
CIE 555 Hazardous Waste Management

**In addition these courses are available as electives for transfer students enrolling fall 2010 and our current students:**

CME 215 (ERE 496) Sustainable Construction  
CME 304 (ERE 596) Environ. Performance Measures  
CME 306 Engineering Materials for Sustainable Construction  
CME 406 Building Information Modeling

### ***Summer coursework / transfer credit***

If you plan to take courses during the summer to transfer credit to this program contact your advisor to fill out a petition for pre-approval. Transfer credits are only allowed for a grade of C or better<sup>3</sup>. A list of pre-approved courses for transfer to the program can be found at <http://www.esf.edu/admissions/transfer/tags/> . If you plan to take a course at a school that is not on this list, or for a course that is not on this list, you must supply the course catalog description and work with your advisor to file a petition for pre-approval of course content.

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<sup>3</sup> Courses taken at Syracuse University prior to matriculation require a passing grade (D or better) for transfer

## Department Directory & Contacts

<http://www.esf.edu/cmCME/faculty/>

### CMCME Department Office, SUNY-ESF

1 Forestry Drive  
205 Baker Laboratory  
Syracuse, NY 13210  
315-470-6880  
315-470-6879 (fax)

Faculty Members	Office	Phone (315 Area code)	Email
<b>Dr. Susan E. Anagnost</b> , Chair and Associate Professor Wood Anatomy, Wood Decay, Microscopy	205 Baker Lab	470-6837	<a href="mailto:seanagno@esf.edu">seanagno@esf.edu</a>
<b>Mr. Paul L. Crovella</b> , Instructor Sustainable Construction Management	219 Baker Lab	470-6839	<a href="mailto:plcrovella@esf.edu">plcrovella@esf.edu</a>
<b>Dr. Robert B. Hanna</b> , Professor Ultrastructure and Microscopy	211 Baker Lab	470-6872	<a href="mailto:rbhanna@esf.edu">rbhanna@esf.edu</a>
<b>Dr. George H. Kyanka</b> , Professor Construction, Applied Mechanics, Engineering Design	223 Baker Lab	470-6835	<a href="mailto:ghkyanka@esf.edu">ghkyanka@esf.edu</a>
<b>Dr. Robert W. Meyer</b> , Professor Wood Properties and Identification	222 Baker Lab	470-6881	<a href="mailto:rwmeyer@esf.edu">rwmeyer@esf.edu</a>
<b>Dr. Rafaat Morsi-Hussein</b> , Associate Professor Mechanics & Design of Solids and Structures, CAD	216 Baker Lab	470-6833	<a href="mailto:rhussein@esf.edu">rhussein@esf.edu</a>
<b>Dr. Jennifer L. Smith</b> , Assistant Professor Construction Management, Building Materials, Geotechnical Engineering	221 Baker Lab	470-6866	<a href="mailto:jsmith@esf.edu">jsmith@esf.edu</a>
<b>Dr. Leonard A. Smith</b> , Associate Professor Emeritus Adhesives, Coatings, Wood-based Composites	217 Baker Lab	470-6878	<a href="mailto:lasmith@esf.edu">lasmith@esf.edu</a>
<b>Dr. William B. Smith</b> , Professor Wood Drying and Moisture Relations, Wood Preservation and Protection, Manufacturing and Processing, Wood Properties and Utilization, Marketing	218 Baker Lab	470-6832	<a href="mailto:wbsmith@esf.edu">wbsmith@esf.edu</a>
<b>Mr. Kenneth J. Tiss</b> , Instructor	220 Baker Lab	470-6747	<a href="mailto:kjtiss@esf.edu">kjtiss@esf.edu</a>

Construction Methods, Equipment, Construction Safety, Planning and Scheduling, Contracts and Specifications, Computer Applications for Construction Management			
<b>Instructional Support Specialists</b>	<b>Office</b>	<b>Phone</b> (315 Area code)	<b>Email</b>
<b>Mr. William L. Kelleher, M.S.</b> Laboratory Supervisor, Wood Engineering, Data Acquisition	190 Baker Lab	470-6921	<a href="mailto:jwkelleh@syr.edu">jwkelleh@syr.edu</a>
<b>Mr. Robert P. Smith, M.S.</b> Ultrastructural Sample Preparation & Interpretation. Application of New Microscopy Methods	213 Baker Lab	470-6880	<a href="mailto:rpsmith@esf.edu">rpsmith@esf.edu</a>
<b>Support Staff</b>	<b>Office</b>	<b>Phone</b> (315 Area code)	<b>Email</b>
<b>Ms. Judy A. Barton</b> Keyboard Specialist 3	205 Baker Lab	470-6880	<a href="mailto:jabarton@esf.edu">jabarton@esf.edu</a>

- **N. C. Brown Center for Ultrastructure Studies**  
Dr. Robert B. Hanna, Director; Mr. Robert P. Smith, Instructional Support Specialist
- **Renewable Materials Institute**  
Dr. George H. Kyanka, Director
- **Tropical Timber Information Center**  
Dr. Robert W. Meyer, Director
- **Wood Engineering Laboratory**  
Dr. Susan E. Anagnost, Laboratory Manager; Dr. William B. Smith, Quality Manager;  
Mr. William (Bud) Kelleher, Laboratory Supervisor
- **Wood Utilization Service**  
Dr. William B. Smith, Director

# Freshman Plan Sheet

Program of Study: Construction Management

Printed: May 13, 2010

Advisor:

Entered: 2010 as a Freshman

## LOWER DIVISION COURSE REQUIREMENTS

<u>REQUIRED COURSES</u>			<u>EARNED COURSES</u>					
<b><u>Freshman Year - Fall Semester</u></b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
FCH150	General Chemistry Lec I	3						
FCH151	General Chemistry Lab I	1						
APM105	Calculus I	4						
CLL190	Writing And The Environment	3						
WPE132	Orientation Seminar: WPE	1						
WPE202	Introduction to Professional Communications	3						
ELECTV	Elective	3						
<b><u>Freshman Year - Spring Semester</u></b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
APM106	Calculus II	4						
CLL290	Writing, Humanities & Envrn	3						
FOR207	Introduction to Economics	3						
WPE215	Sustainable Construction	3						
GENEDU	General Education Courses	3						
<b><u>Sophomore Year - Fall Semester</u></b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
PHY211	General Physics I	3						
PHY221	General Physics Lab I	1						
WPE255	Plan Interpretation & Quantity Takeoff	3						
GENEDU	General Education Courses	3						
ELECT	Elective	6						
ELECT	Elective							
<b><u>Sophomore Year - Spring Semester</u></b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
WPE226	Statics & Mechanics of Materials	4						
WPE342	Light Construction	3						
GENEDU	General Education Courses	6						
GENEDU	General Education Courses							
ELECTV	Elective	3						

Curriculum Plan Sheet continued on next page

Program of Study: Construction Management

Printed: May 13, 2010

Advisor:

Entered: 2010 as a Freshman

Admission Officer:

Date:

This date indicates that all Admissions requirements have been satisfied.

**UPPER DIVISION COURSE REQUIREMENTS**

<u>REQUIRED COURSES</u>			<u>EARNED COURSES</u>					
<b><u>Junior Year - Fall Semester</u></b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
ERE371	Surveying for Engineers	4						
FOR360	Principles Of Management	3						
WPE331	Construction Safety	3						
WPE387	Renewable Material for Sustainable Construction	3						
WPE305	Sustainable Energy Systems for Buildings	3						
<b><u>Junior Year - Spring Semester</u></b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
APM391	Intro to Probability & Statistics	3						
WPE304	Environmental Performance Measures for Buildings	3						
WPE306	Engineering Materials for Sustainable Construction	2						
WPE343	Construction Estimating	3						
WPE404	Applied Structures	3						
<b><u>Senior Year - Fall Semester</u></b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
CIE337	Geotechnical Engineering	4						
WPE422	Composite Materials for Sustainable Construction	3						
WPE335	Cost Engineering	3						
WPE453	Construction Planning & Scheduling	3						
WPE497	Senior Seminar	3						

Curriculum Plan Sheet continued on next page

Program of Study: Construction Management  
 Advisor:  
 Entered: 2010 as a Freshman

Printed: May 13, 2010

**UPPER DIVISION COURSE REQUIREMENTS**

<u>REQUIRED COURSES</u>			<u>EARNED COURSES</u>					
<b>Senior Year - Spring Semester</b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
WPE454	Construction Project Management	3						
WPE455	Construct Contracts & Specifications	3						
WPE405	Building Information Modeling for Construction Management	3						
ELECT	Elective	6						
ELECT	Elective							

**SUMMARIES**

<u>Lower Division Credit Hours</u>		<u>Upper Division Credit Hours</u>		<u>Grand Summary Credit Hours</u>	
Required:	66	Required:	62	Required:	128
Earned:		Earned:		Earned:	
In Progress:		In Progress:		In Progress:	
Deficient:		Deficient:		Deficient:	

Curriculum Plan Sheet continued on next page

Program of Study: Construction Management

Printed: May 13, 2010

Advisor:

Entered: 2010 as a Freshman

**General Educational Requirements**

You must complete one course per category.

<u>Categories</u>	<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>Transfer College</u>	<u>Sem</u>	<u>Grade</u>	<u>Type</u>
<b>MATHEMATICS</b>							
	APM105	CALCAB1		CALCAB2		CALCBC1	
	CALCBC2						
<b>NATURAL SCIENCES</b>							
	EFB101	EFB102		EFB103		EFB104	
	FCH150	FCH152		PHY211		PHY212	
	BOTBIO	ZOOBIO		GENCHE1		GENCHE2	
	GENPHY1	GENPHY2		ENGPHY1		ENGPHY2	
<b>SOCIAL SCIENCES</b>							
	FOR207	MICECON		MACECON			
<b>AMERICAN HISTORY</b>							
	<b>Available for all students:</b>						
	EST201	FOR204		USHIS1		USHIS2	
	<b>For students scoring above 84 on the US History Regents:</b>						
	EST361						
<b>WESTERN CIVILIZATION</b>							
	EIN471	FOR203		EURHIS1		EURHIS2	
<b>OTHER WORLD CIVILIZATIONS</b>							
	EFB217	EFB305		EST200			
<b>HUMANITIES</b>							
	CLL290	LITCOM1					
<b>THE ARTS</b>							
	EFB215	LSA205		LSA206		LSA182	
	PSE201	ARTHIS1		MUSTH1		ARTHIS2	
	MUSTH2						
<b>BASIC COMMUNICATION</b>							
	CLL190	LANCOM1					

Curriculum Plan Sheet continued on next page

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 Program of Study: Construction Management

Printed: May 13, 2010

Advisor:

Entered: 2010 as a Freshman

## INFORMATION ON HOW TO READ THIS PLAN SHEET

Student must match "required courses" with "earned courses" in order to satisfy curriculum requirements. Required courses are derived from the SUNY- ESF Course Catalog for the appropriate year. Earned courses

May be a combination of ESF courses and transfer courses, including advanced placement credit. The

"ID" refers to the Course ID, which may be an official College course ID or an abbreviation for a transfer course or course requirement.

Transfer courses will refer to the number of a transfer college identified at the top of the plan sheet.

Courses taken at ESF will display the semester taken and the grade received.

"Semester" - term and year in  
 which course was taken:  
 FA - Fall term  
 SP - Spring term  
 SU - Summer term

"Type" of Course  
 IP - course in  
 Memo - Credit added via memo  
 Petn - credit added via petition

This report has been prepared to assist you in determining your academic progress at SUNY College of Environmental Science and Forestry. If this report does not appear to be accurate, contact your academic advisor and bring this report with you. Please be advised that final confirmation that you have met all degree requirements is subject to approval by your Faculty Chair and the Registrar.

## CERTIFIED FOR

Hours: \_\_\_\_\_ GPA: \_\_\_\_\_

\_\_\_\_\_  
Registrar\_\_\_\_\_  
Date\_\_\_\_\_  
Faculty Chair/ Designee\_\_\_\_\_  
Date

End of Curriculum Plan Sheet



# Transfer Plan Sheet Spring 2011

SUNY - ESF - Curriculum Plan Sheet

SSN :

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Program of Study: Construction Management

Printed: May 13, 2010

Advisor:

Entered: 2010 as a Transfer

## LOWER DIVISION COURSE REQUIREMENTS

<u>REQUIRED COURSES</u>			<u>EARNED COURSES</u>					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
COMP1	English with a Focus on Writing	3						
COMP2	Literature with a Focus on Writing	3						
CALC1	Calculus I	4						
CALC2	Calculus II	4						
CHEM1	General Chemistry w/Laboratory I	4						
PHYS1	Physics w/Laboratory I	4						
AMHIST	American History	3						
WESCIV	Western Civilization	3						
OWDCIV	Other World Civilization	3						
THEART	The Arts	3						
ECON	Economics	3						
PRFCOM	Professional Communications	3						
SUSCON	Sustainable Construction	3						
STATIC	Statics and Mechanics of Materials	4						
PLANIN	Plan Interpretation and Quantity Takeoff	3						
LIGCON	Light Construction	3						
ELECT	Electives	0-12						
ELECT	Electives							
ELECT	Electives							
ELECT	Electives							

Admission Officer: \_\_\_\_\_ Date: \_\_\_\_\_ This date indicates that all Admissions requirements have been satisfied.

## UPPER DIVISION COURSE REQUIREMENTS

REQUIRED COURSES

EARNED COURSES

Curriculum Plan Sheet continued on next page

Program of Study: Construction Management  
 Advisor:  
 Entered: 2010 as a Transfer

Printed: May 13, 2010

**UPPER DIVISION COURSE REQUIREMENTS**

<u>REQUIRED COURSES</u>			<u>EARNED COURSES</u>					
<b>Junior Year - Fall Semester</b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
WPE305	Sustainable Energy Systems for Buildings	3						
WPE331	Construction Safety	3						
WPE387	Renewable Material for Sustainable Construction	3						
ERE371	Surveying for Engineers	4						
FOR360	Principles of Management	3						
<b>Junior Year - Spring Semester</b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
APM391	Intro to Probability and Statistics	3						
WPE304	Environmental Performance Measures for Buildings	3						
WPE306	Engineering Materials for Sustainable Construction	3						
WPE343	Construction Estimating	3						
WPE404	Applied Structures	3						
<b>Senior Year - Fall Semester</b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
CIE337	Geotechnical Engineering	4						
WPE335	Cost Engineering	3						
WPE422	Composite Materials for Sustainable Construction	3						
WPE453	Construct Planning & Scheduling	3						
WPE497	Senior Seminar	3						
<b>Senior Year - Spring Semester</b>			Transfer - - - ESF - -					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
WPE454	Construction Project Management	3						
WPE455	Construct Contracts & Specifications	3						
WPE405	Building Information Modeling for Construction Management	3						
ELECT	Elective	6						
ELECT	Elective							

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Program of Study: Construction Management

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Advisor:

Entered: 2010 as a Transfer

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## SUMMARIES

Lower Division Credit Hours

Required: 65

Earned:

In Progress:

Deficient:

Upper Division Credit Hours

Required: 62

Earned:

In Progress:

Deficient:

Grand Summary Credit Hours

Required: 127

Earned:

In Progress:

Deficient:

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**General Educational Requirements**

You must complete one course per category.

<u>Categories</u>	<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>Transfer College</u>	<u>Sem</u>	<u>Grade</u>	<u>Type</u>
<b>MATHEMATICS</b>							
APM105	CALCAB1		CALCAB2			CALCBC1	
CALCBC2							
<b>NATURAL SCIENCES</b>							
EFB226	FCH150		FCH152			PHY211	
PHY212	BOTBIO		ZOOBIO			GENCHE1	
GENCHE2	GENPHY1		GENPHY2			ENGPHY1	
ENGPHY2							
<b>SOCIAL SCIENCES</b>							
FOR207	MICECON		MACECON				
<b>AMERICAN HISTORY</b>							
Available for all students:							
EST201	FOR204		USHIS1			USHIS2	
For students scoring above 84 on the US History Regents:							
EST361							
<b>WESTERN CIVILIZATION</b>							
EIN471	FOR203		EURHIS1			EURHIS2	
<b>OTHER WORLD CIVILIZATIONS</b>							
EST200	EFB217		EFB305				
<b>HUMANITIES</b>							
CLL290	LITCOMI						
<b>THE ARTS</b>							
EFB215	LSA205		LSA206			LSA182	
ARTHIS1	MUSTH1		ARTHIS2			MUSTH2	
<b>BASIC COMMUNICATION</b>							
CLL190	LANCOMI						

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## INFORMATION ON HOW TO READ THIS PLAN SHEET

Student must match "required courses" with "earned courses" in order to satisfy curriculum requirements. Required courses are derived from the SUNY- ESF Course Catalog for the appropriate year. Earned courses

May be a combination of ESF courses and transfer courses, including advanced placement credit. The

"ID" refers to the Course ID, which may be an official College course ID or an abbreviation for a transfer course or course requirement.

Transfer courses will refer to the number of a transfer college identified at the top of the plan sheet.

Courses taken at ESF will display the semester taken and the grade received.

"Semester" - term and year in  
which course was taken:  
FA - Fall term  
SP - Spring term  
SU - Summer term

"Type" of Course  
IP - course in  
Memo - Credit added via memo  
Petn - credit added via petition

This report has been prepared to assist you in determining your academic progress at SUNY College of Environmental Science and Forestry. If this report does not appear to be accurate, contact your academic advisor and bring this report with you. Please be advised that final confirmation that you have met all degree requirements is subject to approval by your Faculty Chair and the Registrar.

## CERTIFIED FOR

Hours: \_\_\_\_\_ GPA: \_\_\_\_\_

\_\_\_\_\_  
Registrar\_\_\_\_\_  
Date\_\_\_\_\_  
Faculty Chair/ Designee\_\_\_\_\_  
Date

End of Curriculum Plan Sheet