



2006 – 07 PETITION/PROGRAM SHEET
Degree: Technical Certificate
Major: Construction Technology
www.mesastate.edu/wccc/conc.htm

About This Certificate . . .

This program prepares students in practical theory and related field training in construction technology and building construction. Emphasis in the fundamentals of construction safety, framing, floor systems, roofing, building regulations, print reading, as well as concrete and cabinet making and installation will be covered.

POLICIES:

1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the MSC Catalog for a complete list of graduation requirements.
2. You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.**
3. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.**
4. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the WCCC Director of Instruction for signature.
5. Finally, the WCCC Director of Instruction or the department administrative assistant will take the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
6. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
7. NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).

NAME: _____ **STUDENT ID #** _____

LOCAL ADDRESS AND PHONE NUMBER: _____
 _____ () _____

I, (Signature) _____, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

 Signature of Advisor _____ 20_____
 Date

 Signature of WCCC Director of Instruction _____ 20_____
 Date

 Signature of Registrar _____ 20_____
 Date

- A cumulative grade point average of 2.0 or higher must be maintained for all courses taken and a “C” or better must be achieved in each course which comprises the area of emphasis or specialization for CONC.
- It is recommended that students work closely with a faculty advisor when selecting appropriate courses and scheduling classes.

Technical Certificate: Construction Technology (36 Semester Hours)

| <u>Course</u> | <u>No.</u> | <u>Credit</u> | <u>Grade</u> | <u>Term</u> | <u>Year</u> | <u>Trns/Subs</u> | <u>Course</u> | <u>No.</u> | <u>Credit</u> | <u>Grade</u> | <u>Term</u> | <u>Year</u> | <u>Trns/Subs</u> |
|---------------|------------|---------------|--------------|-------------|-------------|------------------|---------------|------------|---------------|--------------|-------------|-------------|------------------|
| CONC | <u>100</u> | <u>1</u> | _____ | _____ | _____ | _____ | CONC | <u>131</u> | <u>1</u> | _____ | _____ | _____ | _____ |
| CONC | <u>101</u> | <u>3</u> | _____ | _____ | _____ | _____ | CONC | <u>140</u> | <u>2</u> | _____ | _____ | _____ | _____ |
| CONC | <u>102</u> | <u>1</u> | _____ | _____ | _____ | _____ | CONC | <u>147</u> | <u>2</u> | _____ | _____ | _____ | _____ |
| CONC | <u>103</u> | <u>1</u> | _____ | _____ | _____ | _____ | CONC | <u>201</u> | <u>1</u> | _____ | _____ | _____ | _____ |
| CADT | <u>105</u> | <u>3</u> | _____ | _____ | _____ | _____ | CONC | <u>202</u> | <u>1</u> | _____ | _____ | _____ | _____ |
| CONC | <u>120</u> | <u>2</u> | _____ | _____ | _____ | _____ | CONC | <u>203</u> | <u>2</u> | _____ | _____ | _____ | _____ |
| CONC | <u>121</u> | <u>2</u> | _____ | _____ | _____ | _____ | CONC | <u>205</u> | <u>2</u> | _____ | _____ | _____ | _____ |
| CONC | <u>122</u> | <u>2</u> | _____ | _____ | _____ | _____ | CONC | <u>215</u> | <u>2</u> | _____ | _____ | _____ | _____ |
| CONC | <u>125</u> | <u>2</u> | _____ | _____ | _____ | _____ | CONC | <u>235</u> | <u>1</u> | _____ | _____ | _____ | _____ |
| CONC | <u>130</u> | <u>2</u> | _____ | _____ | _____ | _____ | CONC | <u>253</u> | <u>3</u> | _____ | _____ | _____ | _____ |

Technical Certificate: Construction Technology (36 Semester Hours)

Required Courses:

- CONC 100 Introduction to the Trades
- CONC 101 Construction Safety & Regulation
- CONC 102 Electrical Safety
- CONC 103 Rigging Safety Basic
- CADT 105 Print Reading – Residential, Commercial, Industrial
- CONC 120 General Construction Framing
- CONC 121 Floor Framing
- CONC 122 Wall and Ceiling Framing
- CONC 125 Roof Framing, Materials and Methods
- CONC 130 Windows & Exterior Doors
- CONC 131 Exterior Trim
- CONC 140 Stair Construction/Layout
- CONC 147 General Interior Finishes and Trim
- CONC 201 Building Permits, Codes, and Ethics
- CONC 202 Introduction to Concrete Materials
- CONC 203 Concrete Placing and Finishing
- CONC 205 Job Site Layout and Measuring
- CONC 215 Form and Foundation Systems
- CONC 235 Thermal and Moisture Methods and Materials
- CONC 253 Cabinets/Countertop

**SUGGESTED COURSE SEQUENCING FOR THE TECHNICAL CERTIFICATE
WITH AN EMPHASIS IN CONSTRUCTION TECHNOLOGY**

This is a recommended sequence of course work. Certain courses may have prerequisites or are only offered during the Fall or Spring semesters. It is the student's responsibility to meet with their advisor and check the 2 year course matrix on the Mesa State website for course availability.

| <u>First Semester</u> | | <u>Hours</u> | <u>Second Semester</u> | | <u>Hours</u> |
|-----------------------|---------------------------------|--------------|------------------------|----------------------------------|--------------|
| CONC 100 | Introduction to the Trades | 1 | CONC 102 | Electrical Safety | 1 |
| CONC 101 | Construction Safety & Regs. | 3 | CONC 121 | Floor Framing | 2 |
| CONC 103 | Rigging Safety Basic | 1 | CONC 122 | Wall and Ceiling Framing | 2 |
| CADT 105 | Print Reading | 3 | CONC 125 | Roof Framing, Mat. & Methods | 2 |
| CONC 201 | Building Permits, Codes, Ethics | 1 | CONC 130 | Windows & Exterior Doors | 2 |
| CONC 205 | Job Site Layout & Measuring | 2 | CONC 131 | Exterior Trim | 1 |
| CONC 202 | Intro. To Concrete Materials | 1 | CONC 140 | Stair Construction/Layout | 2 |
| CONC 203 | Concrete Placing & Finishing | 2 | CONC 147 | General Interior Finishes & Trim | 2 |
| CONC 215 | Form & Foundation Systems | 2 | CONC 235 | Thermal & Moisture Methods | 1 |
| CONC 120 | General Construction Framing | <u>2</u> | CONC 253 | Cabinets/Countertop | <u>3</u> |
| | | 18 | | | 18 |