

# Dual Enrollment

College classes for credit!



April 1, 2014



# What is dual enrollment?

- Enrollment in both high school and college simultaneously
- Earn both high school credit AND college credit for each course successfully completed
- Courses show up on both high school and college transcripts
- Courses are permanent records, regardless of the grade earned

# Why take college classes now?

- To explore subject areas and courses of interest that are not offered at Pine Lake:

Criminal Justice

Business

Medical Assisting

Fire Protection

Law

Accounting

Early Childhood Ed

HVAC

Graphic Design

Engineering

Interior Design

Automotive  
Systems

Web Development

Electronics

Video Game Design

Construction Mgmt

Computer Programming

Energy

Architecture

Landscaping

Astronomy

Flexography

Cosmetology

Jazz

# Why take college classes now?

- To supplement current academic schedule with the rigor of real college courses
  - Most courses are taken above and beyond Pine Lake's curriculum, but a few can fulfill Pine Lake grad requirements:

<b>Pine Lake Requirement</b>	<b>Options:</b>
4th Social Studies Requirement	General Psychology, Intro to Sociology, many of the criminal justice and law courses
Fine Arts Requirement	Art Appreciation, Art History Survey (I, II), Music Appreciation, Intro to Jazz, many of the graphic design and digital media courses
Math, English, Science, Spanish, Ethics, Health/PE Requirements	None/Not recommended at this time. PLP may review special circumstances on a case-by-case basis.

# Why take college classes now?

- To get general ed college courses out of the way early
- Accelerated completion of postsecondary degree
- Demonstrate to colleges how you will fare in real college courses
- Guaranteed college credit, as long as a C or better is earned (no test at the end to determine whether credit is received).

*Note: D's/F's will still show up on both transcripts*

# Why take college classes now?

- To save money for college
  - ⇒ Tuition is free!
  - ⇒ Last year (2012-2013), a 3 semester hour credit (SHC) dual enrollment course at Mitchell cost \$8.75 in student fees; the same 3 hour course cost adult students at Mitchell/CPCC \$211; and the same 3 SHC course at one of the NC public universities costs on average \$1,476.
  - ⇒ Parents/students pay fees (approximately \$8.75 per credit hour), buy books/supplies (if required) and provide transportation

# Why take college classes now?

- Gain experience
  - Students get a taste of the college experience while still living at home with parents who can provide guidance to better prepare students for when they move away to college
  - Develop skills for success at the next level
  - Take a college course with college students taught by a college professor

# Why take college classes now?

- Demonstrate your interest in a particular course of study
- Earlier registration spots in college for freshmen with college credit (register by credit hours)
- GPA boost if an A or B is earned



# How is dual enrollment possible?

- House Bill 200, Section 7.1A.(a) directed SBOE to provide structured opportunities for HS students to work toward a degree, diploma or certificate
- Partnership created between NC Dept. Public Instruction, NC Community College System and the University of NC System
- Dual enrollment program is created/managed by this state-wide partnership
- [Comprehensive Articulation Agreement](#), Feb. 2014 - applies to all 16 state institutions and all 58 state community colleges
- Allows for ease of credit transfer

# Options for Enrollment

- The program is not set up for ease of picking and choosing courses, but for ease of transferring credits to a college toward a degree
- Therefore, students must select one of the below routes
- Students are strongly encouraged to stick with the same route once chosen, to ensure the smooth transfer of credits to college
- Can choose one College Transfer Pathway and one Career and Technical Pathway OR up to two Career and Technical Pathways

College Transfer Pathways	Career and Technical Pathways
Associate in Arts Associate in Science	8 options at Mitchell 28 options at CPCC

# College Transfer Pathways

- Work toward an associate's/bachelor's degree
- Mostly core classes, some elective classes
- Highly structured course distribution formula - can only take so many of each discipline
- Most stringent eligibility requirements

# Eligibility (College Transfer Pathways)

- Be a rising junior or senior
- Weighted GPA 3.0 or higher
- Consent from parents, college planner, counselor, AP's
- Meet test cutoff scores (can mix and match):

	<b>English</b>	<b>Reading</b>	<b>Mathematics</b>
<b>PLAN</b>	15	18	19
<b>PSAT</b>	45 (Writing)	47	47
<b>ACT</b>	18	22	22
<b>SAT</b>	500 (Writing)	500	500
<b>ACCUPLACER</b>	86 (Sentence Skills)	80	55 (Arithmetic) 75 (Elem. Algebra)

# Provisional Eligibility

## (College Transfer Pathways)

- Be a rising junior or senior
- Weighted GPA 3.5 or higher
- Consent from parents, college planner, counselor, AP's
- Have taken two years of English with a C or better
- Have completed Alg II or a higher level math with a grade of C or better

Provisional students may only register for Math or English courses within their chosen pathway and must successfully complete those courses with a grade of C or higher before being able to register for any other courses in the pathway.

# Associate in Science (STEM majors)

<b>ENGLISH</b>	<p><i>Both are required – 6 Semester Hour Credits (SHC)</i></p> <ul style="list-style-type: none"> <li>• ENG 111 Writing and Inquiry (3)</li> <li>• *ENG 112 Writing/Research in the Disciplines (3)</li> </ul>
<b>HUMANITIES/ FINE ARTS</b>	<p><i>Select <u>two</u> courses from at least two different disciplines/prefixes – 6 SHC</i></p> <ul style="list-style-type: none"> <li>• ART 111 Art Appreciation (3)</li> <li>• *ART 114 Art History Survey I (3)</li> <li>• *ART 115 Art History Survey II (3)</li> <li>• *COM 231 Public Speaking (3)</li> <li>• *ENG 231 American Literature I (3)</li> <li>• *ENG 231 American Literature II (3)</li> <li>• MUS 110 Music Appreciation (3)</li> <li>• MUS 112 Introduction to Jazz (3)</li> </ul>
<b>SOCIAL/ BEHAVIORAL SCIENCES</b>	<p><i>Select <u>two</u> courses from at least two different disciplines/prefixes – 6 SHC</i></p> <ul style="list-style-type: none"> <li>• ECO 251 Principles of Microeconomics (3)</li> <li>• ECO 252 Principles of Macroeconomics (3)</li> <li>• HIS 111 World Civilizations I (3)</li> <li>• HIS 112 World Civilizations II (3)</li> <li>• HIS 131 American History I (3)</li> <li>• HIS 132 American History II (3)</li> <li>• POL 120 American Government (3)</li> <li>• PSY 150 General Psychology (3)</li> <li>• SOC 210 Introduction to Sociology (3)</li> <li>• *PHI 215 Philosophical Issues (3) (CPCC only)</li> <li>• *PHI 240 Introduction to Ethics (3) (CPCC only)</li> </ul>

<b>MATH</b>	<p><i>Select <u>two</u> courses from the following – 8 SHC</i></p> <ul style="list-style-type: none"> <li>• MAT 171 Precalculus Algebra (4)</li> <li>• *MAT 172 Precalculus Trigonometry (4)</li> <li>• *MAT 263 Brief Calculus (4)</li> <li>• *MAT 271 Calculus I (4)</li> </ul>
<b>NATURAL SCIENCES</b>	<p><i>Select <u>two</u> courses from below – 8 SHC. Colleges strongly prefer a sequence from one discipline.</i></p> <ul style="list-style-type: none"> <li>• BIO 111 General Biology I (4) AND</li> <li>• *BIO 112 General Biology II (4)</li> <li>• *CHM 151 General Chemistry I (4) AND</li> <li>• *CHM 152 General Chemistry II (4)</li> <li>• *+PHY 151 College Physics I (4) AND</li> <li>• *PHY 152 College Physics II (4)</li> <li>• *PHY 251 General Physics I (4) AND</li> <li>• *PHY 252 General Physics II (4)</li> </ul> <p>Additional options that are not recommended for transfer students:</p> <ul style="list-style-type: none"> <li>• BIO 110 Principles of Biology (4)</li> <li>• PHY 110/110A Conceptual Physics/Lab (4)</li> <li>• AST 151/151A Gen Astronomy I/Lab (4) (CPCC only)</li> <li>• GEL 111 Introductory Geology (4) (CPCC only)</li> </ul>
<b>OTHER</b>	<p><i>Required – 1 SHC</i></p> <ul style="list-style-type: none"> <li>• ACA 122 College Transfer Success (1)</li> </ul>

**TOTAL CREDITS REQUIRED: 35**

# Associate in Arts (Non-STEM majors)

<b>ENGLISH</b>	<p><i>Both are required – 6 Semester Hour Credits (SHC)</i></p> <ul style="list-style-type: none"> <li>• ENG 111 Writing and Inquiry (3)</li> <li>• *ENG 112 Writing/Research in the Disciplines (3)</li> </ul>
<b>HUMANITIES/ FINE ARTS</b>	<p><i>Select <u>three</u> courses from at least two different disciplines/prefixes – 9 SHC</i></p> <ul style="list-style-type: none"> <li>• ART 111 Art Appreciation (3)</li> <li>• *ART 114 Art History Survey I (3)</li> <li>• *ART 115 Art History Survey II (3)</li> <li>• *COM 231 Public Speaking (3)</li> <li>• *ENG 231 American Literature I (3)</li> <li>• *ENG 232 American Literature II (3)</li> <li>• MUS 110 Music Appreciation (3)</li> <li>• MUS 112 Introduction to Jazz (3)</li> </ul>
<b>SOCIAL/ BEHAVIORAL SCIENCES</b>	<p><i>Select <u>three</u> courses from at least two different disciplines/prefixes – 9 SHC</i></p> <ul style="list-style-type: none"> <li>• ECO 251 Principles of Microeconomics (3)</li> <li>• ECO 252 Principles of Macroeconomics (3)</li> <li>• HIS 111 World Civilizations I (3)</li> <li>• HIS 112 World Civilizations II (3)</li> <li>• HIS 131 American History I (3)</li> <li>• HIS 132 American History II (3)</li> <li>• POL 120 American Government (3)</li> <li>• PSY 150 General Psychology (3)</li> <li>• SOC 210 Introduction to Sociology (3)</li> <li>• *PHI 215 Philosophical Issues (3) (CPCC only)</li> <li>• *PHI 240 Introduction to Ethics (3) (CPCC only)</li> </ul>

<b>MATH</b>	<p><i>Select <u>one</u> course – 3-4 SHC</i></p> <ul style="list-style-type: none"> <li>• MAT 143 Quantitative Literacy (3)</li> <li>• MAT 152 Statistical Methods I (4)</li> <li>• MAT 171 Precalculus Algebra (4)</li> </ul>
<b>NATURAL SCIENCES</b>	<p><i>Select <u>one</u> course – 4 SHC</i></p> <ul style="list-style-type: none"> <li>• AST 111/111A Descriptive Astronomy/Lab (4)</li> <li>• AST 151/151A General Astronomy I/Lab (4) (CPCC only)</li> <li>• BIO 110 Principles of Biology (4)</li> <li>• BIO 111 General Biology I (4)</li> <li>• *CHM 151 General Chemistry I (4)</li> <li>• GEL 111 Introductory Geology (4) (CPCC only)</li> <li>• PHY 110/110A Conceptual Physics/Lab (4)</li> </ul>
<b>OTHER</b>	<p><i>Required – 1 SHC</i></p> <ul style="list-style-type: none"> <li>• ACA 122 College Transfer Success (1)</li> </ul>

**TOTAL CREDITS REQUIRED: 32-33**

# Career and Technical Pathways

- Sample a major or career
- Explore an area of interest
- Work toward a certificate in that area
- Courses may transfer to colleges - case-by-case basis



# Eligibility (Career and Technical Pathways)

- Be a rising junior or senior
- Weighted 3.0 GPA  
OR have the recommendation of your principal/counselor
- Consent from your college planner and parents
- Must maintain a college GPA of a 2.0 or higher after completing two courses

# Career and Technical Pathways

## For students interested in Business...

- **Business Administration Foundations (Mitchell)**
  - Principles of Accounting
  - Principles of Management
  - Introduction to Computers
  - Principles of Microeconomics
  - Introduction to Sociology
- **Business Operations (CPCC)**
  - Introduction to Business
  - Business Law
  - Principles of Management
  - Introduction to Computers
  - Principles of Marketing

# Career and Technical Pathways

## For students interested in Criminal Justice...

- **Criminal Justice Technology (Mitchell)**
  - Introduction to CJ
  - Criminology
  - Criminal Law
  - Juvenile Justice
  - Law Enforcement Operations
  - General Psychology
- **Basics of Criminal Justice (CPCC)**
  - Introduction to CJ
  - Criminology
  - Criminal Law
  - Constitutional Law

# Career and Technical Pathways

For students interested in teaching children...

- **Early Childhood Education (Mitchell)**

- Intro to Early Childhood Ed
- Child Guidance
- Health, Safety and Nutrition
- Child, Family, and Community
- Creative Activities

- **Beginnings in Early Childhood (CPCC)**

- Intro to Early Childhood Ed
- Child Guidance
- Health, Safety and Nutrition
- Child Development I

# Career and Technical Pathways

## For students interested in Graphic Design/Gaming...

- **Digital Media Technology (Mitchell)**
  - Introduction to Digital Media
  - Graphic Design Tools
  - Intro to Multimedia Application
  - Web Development Tools
  - Web Design-Photoshop, Illustrator, Dreamweaver
- **Flexographic Print (CPCC)**
  - Everything in the Graphic Print Production Pathway except Screen Printing, plus Flexography I
- **Simulation and Game Development (CPCC)**
  - Intro to SGD
  - SGD Design I and II
  - 3D Modeling I and II
  - SGD Programming I and II
  - Survey of Game Engines
  - Mobile SG Programming I and II
- **Graphic Print Production (CPCC)**
  - Graphic Arts I and II
  - Computer Graphics I
  - Image Manipulation I
  - Screen Printing I

# Career and Technical Pathways

For students interested in Electrical/Mechanical Engineering...

- **Electronic Microprocessors (Mitchell)**

- DC/AC Circuit Analysis
- Digital Electronics
- Intro to Microprocessors

\*UNCC transfer track and Mechatronics track.  
Chance to work on a NASA Design Project!

- **Mechatronics Engineering (CPCC)**

- Application Software for Technicians
- Industrial Safety
- Mechanisms
- Circuit Analysis I
- Electrical Machines

- **Electrical Engineering Technology (CPCC)**

- DC/AC Circuits
- Electronic Devices and Circuits
- Digital Electronics
- Algebra/Trig

- **Intro to Energy Production (CPCC)**

- AC/DC Electricity
- National Electric Code
- Photovoltaic Systems Technology
- Renewable Energy Technology
- Intro to Electric Utility Industry

# Career and Technical Pathways

For students interested in Civil Engineering/Architecture...

- **Civil Engineering Technology (CPCC)**
  - Surveying I
  - Intro to Tech and Sustainability
  - Hydrology and Erosion Control
  - Statics/Strengths of Matter
  - Algebra/Trig I
- **Geomatics (CPCC)**
  - Surveying I
  - Intro to Tech and Sustainability
  - Hydrology and Erosion Control
  - Intro to GISS and GNSS
  - Alg/Trig I
- **Residential Architectural Tech (CPCC)**
  - Intro to Architectural Tech
  - Construction Materials and Methods
  - Architectural CAD
  - Residential Design
  - Construction Document Analysis
- **Construction Management (CPCC)**
  - Green Building and Design Concepts
  - Blueprint Reading
  - Building Science
  - Codes and Inspections
  - ...and more...

# Career and Technical Pathways

## For students interested in...

- **Medical Assisting (CPCC)**
  - Medical Terminology I
  - Introduction to Anatomy and Physiology
  - Medical Law and Ethics
  - Orientation to Medical Assisting
  - Medical Terminology II
- **Basics in Fire Protection (CPCC)**
  - Intro to Fire Protection
  - Fire Prevention & Public Education
  - Detection & Investigation
  - Firefighting Strategies
  - Industrial Fire Protection
- **Interior Design (CPCC)**
  - Graphic Print Production
  - Principles and Elements of Design I
  - Intro to Architectural Technology
  - Principles of Interior Design
  - History/Interiors and Furnishings I
- **Intro to Horticulture (CPCC)**
  - Plant Materials I
  - Applied Plant Science
  - Soils and Fertilizers
  - Plant Propagation



# Career and Technical Pathways

## Additional Pathways (course list available on website)...

- Automotive Systems
- Automotive Technology: Brakes and Alignments
- Collision, Repair and Refinishing
- Construction Management: Energy Infrastructure OR Green Building
- Construction Supervision
- Computer Integrated Machining
- Introduction to Energy Production
- Introduction to Landscape Maintenance
- Sustainable Technologies: Renewable Energy
- Air Conditioning, Heating and Refrigeration
- Cosmetology

# Application Process

- Complete application and turn in to Mrs. Triplett by Wed., April 9th (if you want to register on the first day it opens)
- College will contact you with further instructions
  - Creating your web ID, college email, registering for classes, getting photo ID, parking permit, orientation

# Registering for Classes

- Mitchell: May 13th      CPCC: May 5th
- Register when it opens if your schedule depends on a particular class (usually 7:30ish)
- Some classes fill up within minutes/hours
- Mrs. Triplett is here to help
- Take your computer to Mr. McCurry well in advance of the reg. day if your firewall prevents you from viewing the registration pages (try it this week)

# Registering for Classes

- Only register for courses in your pathway
- Only register for courses you've received approval to take
- Print or email a screenshot of your registration confirmation to Mrs. Triplett
- Do not add/drop classes without Mrs. Triplett's permission
- Get books/supplies if needed (3rd party sites are cheapest)
- Pay student fees
- De-registration (wrong pathway, nonpayment)

# Tips for Success

- Pay attention to the college calendar

	Summer 2014	Fall 2014	Spring 2015
CPCC	May 21 - Jul 17	Aug 18 - Dec 12	Jan 12 - May 12
Mitchell	None	Aug 18 - Dec 8	Jan 12 - May 4

- Keep up with the work as it's assigned
- Ask for help **before or as soon as** you experience a problem (college prof, CCP contact, Triplett, PLP AP)
- Study/learn as a group if several PLP students are enrolled in the same class

# Frequently Asked Questions

# When do students take these courses?

- Late afternoon or evening (after a full day at Pine Lake)
- Early afternoon (A-E schedule at Pine Lake, then leave at lunch)
- Online (not recommended for math and science courses)

# How do these courses factor into my GPA?

- CURRENTLY - they carry one added quality point (A=5), same as an honors course
- FUTURE - there is discussion at the state level about changing the weight to be consistent with AP - this is NOT approved yet, nor is it a “sure thing”



# What Counts as Equivalent Credit vs. Elective Credit at Pine Lake?

Technically, no dual enrollment course is considered equivalent to a Pine Lake course, but certain dual enrollment courses CAN satisfy PLP graduation requirements

EXAMPLES...	High School Credit	College Credit
PSY 150 (General Psych)	Counts as your 4th SS (equivalent)	Counts as the PSY 150 credit, transferable to any of the 16 institutions (equivalent)
MED 121 (Medical Terminology)	Counts as elective credit - does not satisfy a graduation requirement, but will still show up on your transcript and factor into your GPA.	May transfer to the college as MED 121, if they offer the same course. Otherwise, you may receive elective credit.

# More on equivalent credits...

- Is there a list of which dual enrollment classes satisfy Pine Lake graduation requirements?

<b>Pine Lake Requirement</b>	<b>Options:</b>
4th Social Studies Requirement	General Psychology, Intro to Sociology, some of the criminal justice and law courses
Fine Arts Requirement	Art Appreciation, Art History Survey (I, II), Music Appreciation, Intro to Jazz, some of the graphic design, interior design and digital media courses
Math, English, Science, Spanish, Ethics, Health/PE Requirements	None/generally not recommended at this time. May consider special circumstances on a case-by-case basis

# More on equivalent credits...

The CAA includes a list of courses that have a transfer guarantee (Universal General Education Transfer Component “UGETC”)

- ALL courses in the College Transfer Pathways are included as UGETC courses
- CTE Courses include (there may also be others):

ACC 120

CIS 110

SOC 210

BUS 137

ECO 251

PSY 150

# How do Colleges View AP vs. Dual Enrollment?

- Recent feedback from Chapel Hill, Duke, NC State and Wake Forest:
  - Viewed similarly, as long as they are equivalent-  
Examples: AP Chem vs. CHM 151 General Chemistry,  
AP Psychology vs. PSY 150 General Psychology
  - Main goal is that the student is challenging themselves and taking the most rigorous courses available to them

# Should I take AP or Dual Enrollment?

- Dual enrollment is a guaranteed credit, as long as you earn a C or higher
- AP - must score high enough on the exam
- Would you perform better taking the class at PLP, where there is a higher level of support?

# How Do I Know if I am Eligible?

- If you know your own GPA/test scores, you can determine your eligibility yourself
- If you are uncertain of your GPA and/or test scores, send an email to [wtriplett@pinelakeprep.org](mailto:wtriplett@pinelakeprep.org)
- Test cutoff scores can be found here: [www.pinelakeprep.org/counseling/students\\_collegepromise.html](http://www.pinelakeprep.org/counseling/students_collegepromise.html)

# How can I find out which courses are offered during which times?

## [CPCC Course Offerings By Campus](http://www.cpcc.edu/hsprograms/career-and-college-promise-course-offerings)

([www.cpcc.edu/hsprograms/career-and-college-promise-course-offerings](http://www.cpcc.edu/hsprograms/career-and-college-promise-course-offerings))

## [CPCC's Live Schedule Builder](https://schedule.cpcc.edu/myschedule/)

(<https://schedule.cpcc.edu/myschedule/>)

## [Mitchell's Live WebAdvisor](http://www.mitchellcc.edu/webadvisor/)

([www.mitchellcc.edu/webadvisor/](http://www.mitchellcc.edu/webadvisor/))

# Important Dates

- Wed. 4/9 - Early Priority - deadline to submit app to Mrs. Triplett for early registration
- Mon. 5/5 - CPCC registration opens\*
- Tues. 5/13 - Mitchell registration opens\*

\*To guarantee that you will be able to register on the first day of registration, you must turn in your application by 4/9



# Questions?

Please fill out a question card and  
place in the basket on your way out -  
I will get in touch with you soon

Whitney Triplett  
[wtriplett@pinelakeprep.org](mailto:wtriplett@pinelakeprep.org)  
704-237-5366