# IT Tech Prep Summit

**Date:** Monday, March 12, 2018
**Time:** 8:30AM-11AM
**Location:** Building 6, Room 142

1) Welcome/Introductions - Everyone went around the table and introduced themselves and Lindsay took the lead in starting the meeting.
2) MVTPC Update
a) What is Tech Prep?
b) Benefits of Tech Prep include helping students determine what major or career field they wish to pursue through exposure to different options
   1) Review of TP scholarships: Just a reminder that Sinclair Tech Prep scholarship recipients may use their scholarship dollars to pursue any degree or certificate program at Sinclair. Students may take classes at any Sinclair location or online and use their scholarship award money.
   2) Review of college credit options including CTAG and PR. Jess sent out pdf file of breakdown of how courses appear on unofficial and official transcripts to teachers who attended Summit. Please see it following the minutes/PPT slides.
   3) BOGO – '17 grads and '18 grads
      a. This year the BOGO offer is for both 2018 Tech Prep grads and 2017 Tech Prep grads. Details about the BOGO offer may be found here: http://www.mvtechprep.org/index.cfm/gallery/bogo-2018
   4) Summer Bridge contact: Mary Rospert mary.rospert@sinclair.edu
      a. Summer Bridge is like an intensive orientation for students planning to attend Sinclair. The program gives students a leg up before starting college.
      b. Tech Prep has Summer Bridge seats available. There is a cap of available seats for Tech Prep students. If we reach that cap I would call the students who registered past the capacity and let them know they would be placed on a waiting list.
   5) Onsite advising: MVCTC and KFHS participated and the teachers who represent those schools shared that they thought it went really well and that the students benefitted from the services
   6) Roles and relationships: Review PPT slide – not a comprehensive list.

3) Update from Rex Mt. Castle for CIS 1350. The textbook is no longer a Sinclair-specific book and will not change next year. Tech Prep IT teachers who want a copy of the book should contact Pearson for an instructor copy or the TP office for a student copy. The software used to teach CIS 1350 is typically Aptana or Adobe Brackets, and server space is available to teachers at TP member schools via Sinclair if needed.
4) Eric Renegar & Kyle Jones provided an update of the CIS department and encouraged IT teachers to contact them directly with any questions or concerns: eric.renegar@sinclair.edu and kyle.jones4990@sinclair.edu.
   a. AT&T Hackathon will be staged in the future under a new format, and a Sinclair-hosted event is TBD. Mark Romito (AT&T) has provided $5,000 so that Sinclair can

stage it again in 2019, but a 3rd party will facilitate the event. Time frame should be the same as previous events in 2018 and 2017.

b. There are two new Data Analytics Associate's degrees that will roll out in fall 2018. Check the sinclair.edu web page for updates this summer: http://www.sinclair.edu/academics/divisions/bps/cis/

c. CIS department is running about 10 grants right now. One is with the NSF and will most likely lead to Sinclair developing free, downloadable curriculum and resources for IT programs. Stay tuned for more information.

d. UC agreements > 4 year completion options: Kyle has been working closely with UC on these and it has been a 2-year process. Computer Science (engineering) vs. Computer Info Systems – Sinclair will be developing CS (engineering) curriculum for those who wish to transfer to a 4-year completion program. Higher-level math req. will be reintroduced to these new CS programs. Recently most had been removed from Sinclair CIS curriculum.

e. Many Sinclair students transfer to WSU for 4-year completion. UD-Sinclair Academy degree option is in development with 30 hours in CIS to be taken at Sinclair and then the student will transfer to UD for work study and free courses at UD via UDRI projects. Kevin Klawon will visit HS classrooms and speak to students about UDRI: https://www.udri.udayton.edu/Pages/home.aspx. Teachers should contact Eric Renegar if they are interested in inviting Kevin to present.

5) Credit capture: Tim Bryant covered end of the year credit capture procedure re: PR courses (via eLearn). Contact Tim with any questions or concerns. New teachers who wish to offer PR credit options with students must complete a Non-Employee Network Account form to access eLearn. Josiah Wahlrab spoke about the TP Caspio portal and did a demo. For instructions regarding eLearn credit capture Josiah showed a YouTube video that will be posted to the TP web site soon. He also spoke briefly about MM3. Details related to MM3 can be found here: http://www.mvtechprep.org/index.cfm/resources/college-readiness.

6) Career Days: Teachers liked format from fall 2017. CIS may do 3 rotations w/shorter times with Sinclair CIS faculty for next year (3 rotations instead of 2). TBD, and Lindsay will organize IT days for fall of 2018 with the help of Eric Renegar before going on maternity leave to return in November.

7) College Transition

a. **GRFC 2018**: There was good feedback overall. Kyle and Eric received lots of activity at the CIS table and shared that the students who visited asked great questions.

b. **University Transfer opportunities:** Students who matriculate to Sinclair have many opportunities to continue on to complete bachelor's degrees at four-year colleges and universities that have articulation/transfer agreements with Sinclair. Detailed information about these opportunities may be found here: https://www.sinclair.edu/about/offices/provost/articulation-transfer. For those students particularly interested in completing at Wright State or UD, there are additional web sites available detailing programs of study and special incentives for transfer students. The UD Sinclair Academy link may be found here: https://www.udayton.edu/academy and the Wright State Sinclair Double Degree link may be found here: http://www.wright.edu/sinclair-double-degree.

c.  **Sinclair application:** Any students who completed the Sinclair Tech Prep application fall 2016 and plan to attend Sinclair summer of 2018 or fall of 2018 may need to reapply to Sinclair by following this link: https://apply.sinclair.edu/standard.cfm. Teachers should reach out to Josiah Wahlrab for information related to determining if their students need to reapply. This year should be the last year that students need to take action in reactivating their Sinclair accounts.

**Tech Prep Checklist:** this replaced the prior years' tri-folds**.** They were distributed to schools earlier this semester.

**Scholarship packets:** Partner schools will receive their scholarship packets by dates requested to the MVTPC office. This typically happens in late April and continues through May. Need MM3 and CTE data to complete. Jammie Schneider will be gathering graduation information to identify when schools need packets.

**Ordering Sinclair transcripts:** Students may order official Sinclair transcripts by following this link:

http://www.sinclair.edu/services/basics/registration-and-student-records/student-records/transcripts.

8)  Good of the order

What about students who want credit for skills-based certifications that are not on our credit options sheet?

Adducchio, Arian arian.adducchio@sinclair.edu – Prior Learning Assessment

# 2018
# Information Technology Tech Prep Summit

**Please Sign In**

MIAMI VALLEY **TECHPREP** CONSORTIUM

*A great way to go to college!*

SINCLAIR COLLEGE

# Lindsay Pitstick
## *Pathway Manager*

Information Technology

# What is Tech Prep?

# Benefits

Career Discernment

Scholarship

Credentials/Credit

BOGO

# Tech Prep Scholarship = **$3,000**

- **Full Time Student**

(12 hrs. or higher)
$750 per semester

- **¾ Time Student**

(9-11 hrs.)
$563 per semester

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# Proficiency Credit

An assessment process where a student earns letter grades through a test or series of tests and/or assignments administered in the classroom by Sinclair faculty or via online courses facilitated by CTE instructors. **Please note: Only As, Bs, and Cs are transcripted with the student's authorization upon high school graduation. These credits impact the student's Sinclair GPA.**

## Information Technology

**N0** Information Support & Services, **N2** Networking, **N3** Programming & Software Development

| Course | | Course Name | Semester Hours |
|---|---|---|---|
| Proficiency Credits | | | |
| CIS | 1350 | *Web Site Development with HTML & CSS* | 3 |
| CIS | 2165 | *Database Management* | 3 |
| GEO | 1107 | *Introduction to Geographic Information Systems (GIS)* | 4 |

## N1 Interactive Media

| Course | | Course Name | Semester Hours |
|---|---|---|---|
| Proficiency Credits | | | |
| CIS | 1350 | *Web Site Development with HTML & CSS* | 3 |
| Proficiency Credit Granted via Portfolio Review | | | |
| VIS | 1100 | Design Basics | 4 |
| VIS | 1110 | Design Drawing | 4 |
| VIS | 1140 | Design Processes I | 4 |
| VIS | 1250 | Print Production | 4 |

# CTAG Credit

In 2005, with the passage of House Bill 66, Ohio expanded articulation and transfer efforts by providing students in career-technical institutions with a guarantee of credit transfer from high school to college in approved programs.

**In order for students to receive CTAG credit the high school program must undergo an approval process.**

**Click HERE to access a complete list.**

## CTAG Sinclair Alignments
### N0 Information Support & Services

| CTE Pathway | Pathway Code | ODE Course # | ODE Course Name | Sinclair Course | Sinclair Course Name | Semester Hours |
|---|---|---|---|---|---|---|
| Information Support and Services | N0 | 145030 | Computer Software | CIS 1107 | Introduction to Operating Systems | 3 |
| Information Support and Services | N0 | 145050 | Network Security | CIS 2711 | Enterprise Desktop Support Technician | 3 |

# Onsite Advising

1. Kettering Fairmont HS

   March 5 - 9

   115 students

2. Miami Valley CTC

   Feb 16 – March 1

   296 students

# Roles and Relationships

- High School Instructors/Administration
  - Recruit Students (All)
  - Advise Students (Guidance Counselor)
  - Deliver Content (Instructor)
  - Inform on Resources/Benefits
  - Course Approval/Compliance

- Sinclair Faculty
  - Curriculum
  - Visit Days

- Pathway Manager
  - Liaison

# College Transition

**YOU'RE INVITED!**

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# TECHPREP

## GETTING READY FOR COLLEGE

Thursday, February 15, 2018 | 5:30 p.m. – 7:30 p.m. | Sinclair College, Building 12

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# University Partnerships

- Sinclair/Tech Prep Checklist

- Ordering Transcripts
  - http://www.sinclair.edu/services/basics/registration-and-student-records/student-records/transcripts/

- Scholarship Packet
  - Letter and certificate recognizing scholarship recipient
  - Jammie Schneider will contact schools to schedule delivery

# Josiah Wahlrab
## *Operations Specialist*

# Tim Bryant
## *Data Technician*

# Questions for Tech Prep Staff?

# CTAG Credit and Sinclair Transcripts

EXAMPLE 1: Student has CTAG credit ONLY posted to a Sinclair transcript, but does not matriculate to Sinclair

This illustrates the following scenario: A CTE student has his/her high school/CTC send a Medical Terminology CTAG verification form to Sinclair, but no other credit (i.e., AA, PR, CCP, etc.) has been posted to the student's transcript. Two semester hours' worth of TRANSFER credit "CR" for **HIM 1101** is posted and the student's account summary reflects this credit earned, but it is not institutional credit; it is TRANSFER credit. This information is visible only to internal student services folks who can access the XSCL – Student Information Summary screen in Colleague, as well as the XRCL – Transcript Course Listing screen. According to Assistant Registrar, Tammy Tolle, if this student orders an official Sinclair transcript in an attempt to transfer his/her Medical Terminology credit to another college or university, his/her request will be denied because there is no INSTITUTIONAL credit posted on the student's transcript, and therefore the student does not have an official transcript in the eyes of Sinclair.

```
================================================================================
06/21/17  11:16        Student Information Summary      PAGE:  1     XSCL
Name    :            ID:            SSN:
Address:
Home    :            Work:
================================================================================
 Academic           Cust Acad              Ant      Admit
 Program            Pgm Level  Status      Date     Cmpl Dt Status
 PHT.S.STC          N   UG     Active      03/29/17
 PI.ND              N   UG     Changed     03/29/17          High School
 Advisors                      Start Date     End Date
Privacy......:
Test Scores..:No
SCC Deg/Cert.:No
Acad Standing:
Dismissals...:
Cum GPA......:
Credits Cmpl.:
Total TR Hrs.:2.00
Restrictions.:No
================================================================================
Courses Taken:
     Course Name   Sect   Title                        Term     Cred    Gr
 1:  HIM-1101             MEDICAL TERMINOLOGY           TRANS    2.00    CR
```

**Tolle, Tammy**

RE: 3 examples for unofficial transcript/official transcript

To    Moore, Jess

ⓘ You replied to this message on 6/21/2017 11:01 AM.

| ✉ Message | 📄 CTAG and Proficiency Examples.docx (256 KB) |

Hi Jess,

I have attached 2 examples of how proficiency credits vs. Career-Technical Credit would post to an official transcript. All Career-Technical Credits Transfer (CT)² verification forms are posted as external transfer credits and awarded the approved equivalent Sinclair courses based on the CTAG (Career Technical Assurance Guide) reporting system. The Career-Technical Credits Transfer (CT)² are not posted as institutional credits as this program is guaranteed to transfer to a colleges/university based on the CTAG reporting system. Students do have to check to see where their approved courses will transfer within Ohio by checking CTAG. As noted in the attached examples, Career-Technical Credits are posted under TRANSFER CREDITS on the official transcript. The transcript only list the transfer institution name and how many hours Sinclair awarded to use towards a student's program of study.

Please be advised a student will not have an official transcript if a student only receives Career-Technical Credits and does not earn any Sinclair credits or proficiency credits. Students have to send their verification form to each institution they plan to attend as it is considered the official transcript for Career-Technical Credit.

Students who earn Sinclair proficiency credit by taking an exam will earn institutional credit and will post to the official transcript with a letter grade followed by a hash sign (#) or as AA (Articulated Agreement).

Useful links for Career-Technical Credit:
1. (CT)2 Basic Information
2. CTAG


Let me know if you have any questions.

CTAG Credit and Sinclair Transcripts

EXAMPLE 2: Student has CTAG credit, PR credit, and AA credit posted to a Sinclair transcript, but does not matriculate to Sinclair

This illustrates the following scenario: A CTE student has earned AA credit for ALH 1130, PR credit for MAT 1270, and TRANSFER credit for HIM 1101, but does not matriculate to Sinclair. The student orders an official Sinclair transcript and MAT 1270 appears as a letter grade + hash tag (C#), the ALH 1130 appears as AA credit (no impact to student's GPA), and the HIM 1101 credit is listed Career Technical TRANSFER Credit, but the transcript does not indicate that the TRANSFER credit is for HIM 1101. It only indicates that the transfer credit is worth 2 semester hours and was posted in 2016. Again, assuming that the student has ordered a transcript to try and use his/her credits at another college or university, s/he will discover that s/he must have his/her high school or CTC resend the CTAG verification form to the institution where s/he wishes to attend, AND that college or university must offer a course equivalent for it to benefit the student.

```
================================================================================
06/21/17  11:24           Student Information Summary      PAGE:  1      XSCL
Name   :          ID:              SSN:
Address:
Home   :    Work:
================================================================================
 Academic               Cust Acad           Ant       Admit
 Program                Pgm  Level  Status   Date      Cmpl Dt Status
 OHIO.TRANSFER.MODULE   N    UG     Active   08/11/15
 PI.ND                  N    UG     Active   09/15/14  08/18   High School
 Advisors                             Start Date    End Date
Privacy......:
Test Scores..:No
SCC Deg/Cert.:No
Acad Standing:GS
Dismissals...:
Cum GPA......:2.000
Credits Cmpl.:4.00
Total TR Hrs.:2.00
Restrictions.:No
================================================================================
Courses Taken:
    Course Name    Sect   Title                      Term     Cred   Gr
 1: HIM-1101              MEDICAL TERMINOLOGY         TRANS    2.00   CR
 2: MAT-1270      PR      BEGINNING ALGEBRA           15/SU    3.00   C#
 3: ALH-1130      AA      BASIC LIFE SUPP TRAIN       16/SU    1.00   AA
```

An example of proficiency credits and Career Technical Credit earned through CTAG verification form.

DATE PRINTED: JUN 21, 2017

PAGE: 1

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=========================================================
Sinclair Community College changed from a quarter
calendar to a semester calendar at the beginning
of 12/FA. The quarter-hour totals shown above are
equivalent to the following semester hours:
          HR CPT    HR CALC   POINTS   G P A
          0.00      0.00      0.00     0.000
=========================================================
SUMMER, 2015
MAT   1270 BEGINNING ALGEBRA          3.00 C#  6.00
          HR CPT    HR CALC   POINTS   G P A
   TERM   3.00      3.00      6.00     2.000
   CUM    3.00      3.00      6.00     2.000


SUMMER, 2016
ALH   1130 BASIC LIFE SUPP TRAIN      1.00 AA  0.00
          HR CPT    HR CALC   POINTS   G P A
   TERM   1.00      0.00      0.00     0.000
   CUM    4.00      3.00      6.00     2.000


       ----- TRANSFER CREDITS -----
2016     Career Technical Credit          2.0
************** END OF TRANSCRIPT **************
```

PROVIDED SOLELY FOR:

CTAG Credit and Sinclair Transcripts

EXAMPLE 3: Student has CTAG credit and PR credit posted to a Sinclair transcript, and matriculates to Sinclair pursuing a degree that truly enables him/her to take advantage of some (or all) of the credits he earned in high school

This illustrates the *best* case scenario for a student who has earned CTAG credit, has matriculated to Sinclair, and has enrolled in a degree program or certificate that allows him/her to apply the credit toward a certificate or degree. His/her official transcript reflects both institutional and transfer credit earned, as well as institutional credit that is "IP" or in progress. The six hours of CIS credit earned by way of CTAG equivalent transfer credit is still identified as Career Technical TRANSER Credit, but if you look at the student's attached "Academic Evaluation" (otherwise known as a degree audit), you will see that those credits have been applied as "TE" or Transfer Equivalency courses within the sixteen-hour block of Sinclair CIS courses <u>required</u> for the degree. So long as the student sees the degree through completion, those credits will count toward the required sixty-three hours of semester-based credit required for the Associate of Science in Cyber Investigation Technology.

```
================================================================================
06/21/17  11:25        Student Information Summary        PAGE: 1      XSCL
Name    :              ID:              SSN:
Address:
Home    :              Work:
================================================================================
 Academic              Cust Acad                Ant       Admit
 Program               Pgm  Level  Status       Date      Cmpl Dt Status
 CYIT.S.AAS            N    UG     Active        04/28/17  04/20
 OHIO.TRANSFER.MODULE  N    UG     Active        08/15/16
 ATS.S.ATS             N    UG     Changed       04/28/17  06/19
 PI.ND                 N    UG     Changed       06/22/16  08/18    High School
 Advisors                              Start Date      End Date
 Royce R. Maier                        04/29/17
Privacy......:
Test Scores..:Yes
SCC Deg/Cert.:No
Acad Standing:DL
Dismissals...:
Cum GPA......:3.818
Credits Cmpl.:22.00
Total TR Hrs.:6.00
Restrictions.:No
================================================================================
Courses Taken:
     Course Name   Sect    Title                        Term    Cred    Gr
 1:  CIS-1130              NETWORK FUNDAMENTALS          TRANS   3.00    CR
 2:  CIS-1107              INTRO OPERATING SYSTEMS       TRANS   3.00    CR
 3:  BIS-1120      PR      INTRO TO SOFTWARE APPS        16/SU   3.00    A#
 4:  CIS-1350      PR      WEB DEV HTML & CSS            16/SU   3.00    A#
 5:  ENG-1101      B13     ENGLISH COMPOSITION I         16/FA   3.00    A
 6:  HIS-1111      101     WESTERN CIVILIZATION I        17/SP   3.00    A
 7:  ECO-2160      111     MACROECONOMICS                17/SP   3.00    A
 8:  CIS-1111      102     INTRO PROB SOLV COMP PROG     17/SP   3.00    A
 9:  MAT-1460      310     FINITE MATH BUS ANALYSIS      17/SP   4.00    B
10:  CIS-2640      101     NETWORK SECURITY              17/FA
11:  CIS-2731      N01     A+ HARDWARE & SOFTWARE        17/FA
12:  CJS-1103      104     CON LAW & EVID PROC           17/FA
13:  MAN-2150      320     MANAGEMENT & ORG BEHAVIOR     17/FA
14:  CJS-2209      510     COMPUTER CRIME                17/FA
```

An example of Sinclair credits, proficiency credits, and Career Technical Credit earned through CTAG verification form.

DATE PRINTED: JUN 21, 2017

PAGE: 1

```
-------------------------------------------------------
Sinclair Community College changed from a quarter
calendar to a semester calendar at the beginning
of 12/FA. The quarter-hour totals shown above are
equivalent to the following semester hours:
         HR CPT    HR CALC   POINTS   G P A
          0.00      0.00      0.00    0.000
-------------------------------------------------------
SUMMER, 2016
BIS   1120 INTRO TO SOFTWARE APPS    3.00 A# 12.00
CIS   1350 WEB DEV HTML & CSS        3.00 A# 12.00
         HR CPT    HR CALC  POINTS  G P A
  TERM   6.00      6.00     24.00   4.000
  CUM    6.00      6.00     24.00   4.000
Dean's List


FALL, 2016
ENG   1101 ENGLISH COMPOSITION I     3.00 A  12.00
         HR CPT    HR CALC  POINTS  G P A
  TERM   3.00      3.00     12.00   4.000
  CUM    9.00      9.00     36.00   4.000


SPRING, 2017
HIS   1111 WESTERN CIVILIZATION I    3.00 A  12.00
ECO   2160 MACROECONOMICS            3.00 A  12.00
CIS   1111 INTRO PROB SOLV COMP PROG 3.00 A  12.00
MAT   1460 FINITE MATH BUS ANALYSIS  4.00 B  12.00
          HR CPT    HR CALC  POINTS  G P A
  TERM   13.00     13.00    48.00   3.692
  CUM    22.00     22.00    84.00   3.818
Dean's List


FALL, 2017
CIS   2640 NETWORK SECURITY          3.00 IP
CIS   2731 A+ HARDWARE & SOFTWARE    4.00 IP
CJS   1103 CON LAW & EVID PROC       3.00 IP
MAN   2150 MANAGEMENT & ORG BEHAVIOR 3.00 IP
********* CONTINUED  IN  NEXT COLUMN **********
```

```
CJS   2209 COMPUTER CRIME            3.00 IP
         HR CPT    HR CALC  POINTS  G P A
  TERM   0.00      0.00     0.00    0.000
  CUM    22.00     22.00    84.00   3.818


      ----- TRANSFER CREDITS -----
2016     Career Technical Credit             6.0
************** END OF TRANSCRIPT **************
```

PROVIDED SOLELY FOR:

Student.............:
Program.............: CYBER INVESTIGATION TECHNOLOGY (CYIT.S.AAS)
Catalog.............: 2017
Ant Completion Date: 04/28/20
E-Mail Address.....:
--------------------------------------------------------------------------------


ADVISOR: Royce R Maier
PLACEMENT TESTS:     DISMISSALS:  0
CURRENT STANDING: DL

Completion of program will be determined by completion of each
requirement, required credit hours and final Institutional GPA.

Program Status: In Progress
                                  Current..........   Anticipated(*).......
                       Required  Earned  Remaining   Additional  Remaining
Institutional Credits:   20.00    16.00      4.00       16.00        0.00
Program GPA..........:    2.000    3.750      Met
Combined    Credits:     63.00    22.00     41.00       16.00       25.00
Combined    GPA....:      2.000    3.818      Met

(*) Anticipates completion of in-progress and registered and planned courses
================================================================================
Statuses: W=Waived, C=Complete, I=In progress, N=Not started
P=Pending completion of unfinished activity
================================================================================
I) 1: REQUIREMENTS
   Credits: 38
   Complete all 9 subrequirements:
   C) A: ARTS/HUMANITIES
        > CHOOSE ANY COURSE FROM THIS AREA OF OHIO TRANSFER
        > MODULE - 3 CREDIT HOURS REQUIRED
         HIS-1111 WESTERN CIVILIZATION I.... 17/SP    A          3

   I) B: COMPUTER INFO SYS
      Credits: 16
      I)
         Credits: 9
         CIS-1107 INTRO OPERATING SYSTEMS... 05/31/16 CR        3   *TE
         CIS-1111 INTRO PROB SOLV COMP PROG. 17/SP    A         3
         CIS-1130 NETWORK FUNDAMENTALS...... 05/31/16 CR        3   *TE
         CIS-2165 DATABASE MANAGEMENT_____ 1 course needed
         CIS-2510 WINDOWS SERVER OS_____ 1 course needed
      N) CIS-2550
         _____ 1 course needed
      P) CIS-2640
         CIS-2640 NETWORK SECURITY.......... 17/FA     ___ (     3) *PR
      I)
         CIS-2630 SECURING A WIN NETW ENVIR_____ 1 course needed
         CIS-2731 A+ HARDWARE & SOFTWARE.... 17/FA     ___ (     4) *PR
         CIS-2808 INTRO COMPUTER FORENSICS_____ 1 course needed

--------------------------------------------------------------------------
```
   I) C: CRIMINAL JUSTICE
      Credits: 6
      I)
         Credits: 6
          CJS-1103 CON LAW & EVID PROC....... 17/FA     ___ (     3) *PR
          CJS-2111 ETHICS & PROFESSIONALISM_____ 1 course needed
          CJS-2209 COMPUTER CRIME............ 17/FA     ___ (     3) *PR
      N) CJS-2295
          _____ 4 credits needed

   N) D: COMMUNICATIONS
          COM-2225 SMALL GROUP COMMUNICATION_____ 1 course needed

   C) E: ECONOMICS
        > ECO-2160
          ECO-2160 MACROECONOMICS............ 17/SP     A        3

   C) F: ENGLISH
        > ENG-1101
          ENG-1101 ENGLISH COMPOSITION I..... 16/FA     A        3

   N) G: FIRST YEAR EXP
          SCC-1101 FIRST YEAR EXPERIENCE_____ 1 course needed

   P) H: MANAGEMENT
          MAN-2150 MANAGEMENT & ORG BEHAVIOR. 17/FA     ___ (     3) *PR

   C) I: MATHEMATICS
        > MAT-1120 OR ANY MATH FROM THIS AREA OF THE OHIO
        > TRANSFER MODULE
          MAT-1460 FINITE MATH BUS ANALYSIS.. 17/SP     B        4
```
==================================================================================
```
OTHER COURSES:                  Registered  Earned
                                 Credits Credits
BIS-1120............. 16/SU     A#    3.00    3.00
    INTRO TO SOFTWARE APPS
CIS-1350............. 16/SU     A#    3.00    3.00
    WEB DEV HTML & CSS
DEV-0028............. 12/06/16         3.00    0.00  *NE
    INTRODUCTION TO ALGEBRA
MAT-1270............. 12/06/16         3.00    3.00  *NE
    BEGINNING ALGEBRA
MAT-1270............. 12/06/16         3.00    3.00  *NE
    BEGINNING ALGEBRA
(Credits in parentheses are anticipated earned)
```
==================================================================================

Sinclair Community College
444 West Third Street
Dayton, OH 45402
Phone:  (937)512-3000
For more information about our institution, visit our website at
http://www.sinclair.edu

_____


Final responsibility for meeting graduation requirements resides with you.
This report has been prepared to assist you in determining your academic

------------------------------------------------------------------
progress at Sinclair Community College and every effort has been made to
ensure its accuracy.  For further information, contact an academic
advisor at (937)512-3700.

                              NOTES

*NE     Non-course Equivalency
*PR     Preregistered - The course has not yet started
*TE     Transfer Equivalency