STUDENT CENTERED DESIGN FOR EQUITY IN COMPLETION

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OUTLINE FOR TODAY

I. CLP’s work with SMCCCD

II. Walking in students’ shoes

III. Approaches from other colleges

IV. Next steps for inquiry, engagement, & input
CAREER LADDERS PROJECT
SUPPORTS SMCCCD 2016-2019

• Multiple Measures
• Dual Enrollment
• Guided Pathways
WHY GUIDED PATHWAYS?
Educational Goals and Six-year Attainment, Students who Started at a Community College, Fall 2003

Percent of Students

Educational Goal At Start Educational Outcome After Six Years

No longer enrolled Enrolled, no credential Associate's or Certificate Bachelor's or above

EXCESS CREDITS NATIONALLY

<table>
<thead>
<tr>
<th>Bachelor’s</th>
<th>Associate</th>
<th>Certificate</th>
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<tbody>
<tr>
<td>Needed</td>
<td>Earned</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>60</td>
<td>30</td>
</tr>
<tr>
<td>136</td>
<td>80</td>
<td>63</td>
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$7.7 billion in tuition

Guided Pathway to Success: Boosting College Completion
Complete College America
http://completecollege.org/docs/GPS_Summary_FINAL.pdf
SURPRISING COURSE DATA

>50% Concerned about making a mistake when choosing classes (Moore & Shulock, 2014)

Many surprised to find that courses taken do not count towards credentials (Nodine et al 2012)
FROM THE STUDENTS’ PERSPECTIVE
2-YEAR COURSE SEQUENCE BEGINNING IN THE FALL SEMESTER

You can use the following pattern to complete an Associate in Science Degree for Transfer in Business Administration. This is only one possible pattern. If you wish to earn an associate degree, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your degree regardless of the semester you begin classes.

<table>
<thead>
<tr>
<th>1st Semester/Fall</th>
<th>Units</th>
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<tr>
<td>BUS 010</td>
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<tr>
<td>Introduction to Business</td>
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<tr>
<td>MATH 016A</td>
<td>3</td>
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<tr>
<td>Calculus for Business and</td>
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</tr>
<tr>
<td>the Life and Social Sciences</td>
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<tr>
<td>General Education and</td>
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<td>Elective Courses</td>
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<th>Units</th>
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<tr>
<td>Introduction to Business Law</td>
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<td>ECON 001</td>
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<td>Principles of Economics (Macro-Economics)</td>
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<td>Financial Accounting</td>
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<td>ECON 002</td>
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<td>Principles of Economics (Micro-Economics)</td>
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<td>Elective Courses</td>
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<table>
<thead>
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<th>4th Semester/Spring</th>
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<td>Managerial Accounting</td>
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<td>MATH 013</td>
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<tr>
<td>Introduction to Statistics</td>
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<td>General Education and</td>
<td>7</td>
</tr>
<tr>
<td>Elective Courses</td>
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</tbody>
</table>
10% of students majoring in Business reached Math 016A within 5 years.
REFLECT & SHARE

What have you found to be helpful to students when they explore their interests or choose a class?
GUIDED EXPLORATION
FOR UNDECIDED STUDENTS
DECISION MAKING

ALL OPTIONS → EVALUATE → CHOICE

Rachel Baker (2016)
MULTI-STAGE DECISION MAKING

ALL OPTIONS → EVALUATE → OPTIONS WORTH CONSIDERING → EVALUATE → CHOICE

Rachel Baker (2016)
CAREER + ACADEMIC COMMUNITIES
at St. Petersburg College

Start your journey today! Choose from one of the ten career and academic communities to see what opportunities await after you graduate. Take the first step now by going to spcollege.edu

CHART YOUR PATH
BUILD YOUR FUTURE

MEDIAN FIRST-YEAR EARNINGS
(After Graduation)

- CARRER CREDIT: $34,218
  - BACHELOR'S DEGREE: $41,420
- ASSOCIATE OF SCIENCE DEGREE: $43,876
  - MASTERS DEGREE: $45,862

ECHICAL AND BUILDING ARTS
- ELECTRICAL MACHINERY TECHNICIAN: $46,000
- MECHANICAL ENGINEERING TECHNICIAN: $46,000

EDUCATION
- PRIMARY SCHOOL TEACHING: $31,200
- SECONDARY SCHOOL TEACHING: $36,690

ENGINEERING, MANUFACTURING, AND BUILDING ARTS
- ELECTRICAL MACHINERY TECHNICIAN: $46,000
- MECHANICAL ENGINEERING TECHNICIAN: $46,000

HEALTH, SCIENCES, AND VETERINARY TECHNOLOGY
- NURSING: $46,000
- VETERINARY TECHNOLOGY: $46,000

PUBLIC SAFETY, POLICY, AND LEGAL STUDIES
- PUBLIC SAFETY ADMINISTRATION: $40,000
- CRIMINAL JUSTICE: $40,000

SPEECH, SOUNDS, AND DANCE
- SCHOOLS AND COMMUNITY COLLEGES: $40,000

TECHNOLOGY
- COMPUTER NETWORK ADMINISTRATOR: $60,000
- SYSTEMS ANALYST: $60,000

SPC St. Petersburg College

* SPC's Honors Program and Global Citizen Distinction options are available through the Career and Academic Communities.
Welcome to Academics Central. Here you will find information about the Queensborough Academies, Programs of Study, and resources you may need to be successful at Queensborough Community College.
HELP UNDECIDED STUDENTS EXPLORE CAREER OPTIONS & CHOOSE A PROGRAM

• Cluster programs of study into a handful of manageable buckets (meta majors)

• Common Gateway (foundation) courses give students a taste of the competencies within the meta major

• Guide students towards choosing a program (counseling & career exploration in each meta major)
GATEWAY COURSES & CAREER EXPLORATION SUPPORT
Design Tech meta major has a GATEWAY course
Introduces students to competencies and helps students choose one of the following programs
Media arts, graphic design, industrial design, interior design, engineering, and design technology

- Embedded project based course
- Embedded Dual Enrollment in Design tech

“In their first year of college, students should be introduced to all the competencies they need to develop to successfully reach their goals”

Salomon Davila, Former Design Faculty
Community College

- Students take a first year seminar in a meta major taught by discipline faculty
- Students research different careers in the area to help them choose a program
- A taste of different programs in that area and needed competencies
- Make connections with peers and peer tutors in that area
MCC faculty and staff created “mapping sequence teams,” cross-functional teams of instructional faculty and counseling faculty to clarify course sequence for each program.

Work begins with competencies, teams work together to determine which GE, content courses meet the competencies for meta majors and what needs to be developed.

**Lessons Learned:**

- Cross Functional Mapping Sequence Teams
- Start with the End in Mind
REFLECT & SHARE

Which ideas sound interesting/exciting?

What concerns/questions do you have?