Focus 2 Career

A Career, Major, and Education Planning System
What is Career & Education Planning?

| Orientation, Self Knowledge Discovery, Exploration, Decision Making, Action, Adaptation |

A continuous, lifelong process of exploration and planning of career and educational goals compatible with your interests, values, talents, personality and aspirations.
Reality: 60% of Entering Freshmen…

“I Have To Declare A Major?”
Interest Assessment—Major Congruence (selection) has a direct effect on timely degree completion at post secondary institutional settings. (Allen, J. & Robbins, S., 2010)

Career planning facilitates more appropriate goal setting, academic decision making, and course selection which heightens commitment, and the probability of retention. John Gardner (1998, 2003) Nationally known for his work on improving the college freshman experience and raising student retention rates.

Career planning leads to increased motivation, improved academic achievement, increased retention, and less time to graduate. (Gillie, S. & Gillie-Isenhour, M., 2005)
Understanding **yourself** is the first step of career & educational planning

**Step 1:** Identify your interests, personality, values, skills and lifestyle preferences

**Step 2:** Explore occupations and major areas of study compatible with your personal attributes.
Career Myths

- There is only one perfect job/career for you.
- Your major will guide you to your career.
- Your career choices are lifelong decisions.
- Liberal arts, humanities and sciences are not marketable majors.
- Your career decisions should be based on the current job market.
Your Life Plan

As you plan your career you should consider the big picture...your life plan. Your career decisions will dramatically impact your lifestyle.

<table>
<thead>
<tr>
<th>Where you live</th>
<th>Your income</th>
<th>Time at home/Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>Your work hours</td>
<td>Your travels</td>
<td>Job security</td>
</tr>
<tr>
<td>Your work associates</td>
<td>Your choice of friends</td>
<td>Your leisure time</td>
</tr>
</tbody>
</table>
It is your future. Take charge.

**You** are responsible for making your education and career decisions, managing your career and controlling your destiny.

**Your career** will affect your future lifestyle and feelings of fulfillment as well as where & how you live, your financial security, your leisure time activities, etc.
Understand the World of Work

Today's rapidly changing world:

- new occupations are emerging, others are disappearing
- existing jobs are demanding higher levels of skills
Plan Your Career

**Be Proactive**
Career Planning is an ongoing process throughout all your life stages.

**Fine Tune**
Be forward-looking with planning, developing new skills. Be prepared to make changes as needed.

With a career plan, you will be equipped to manage your career and take advantage of changes in the economy and job market.
Start the Process

Use FOCUS 2 CAREER

Make informed decisions
What is FOCUS 2 CAREER?

FOCUS 2 CAREER is an online, interactive, self-guided career, major and education planning system.

It is responsive—Working on all devices!
FOCUS 2 Can Help You:

- Select a major based on your interests and aspirations
- Discover occupations matching your personal preferences and attributes
- Map out your career plans, present and future
- Make informed career decisions
Why use FOCUS 2?

☐ Are you unsure of your major?

☐ Are you unaware of the majors offered at your college and related occupations?

☐ Are you wondering what to do with your major?

☐ Are you unsure of which careers best suit you?

☐ Would you like to develop a career plan that works for you?

☐ Are you ready to make informed career decisions?
Use FOCUS 2 as an ongoing resource throughout your academic years and as an alumnus.

“I am completely unsure about my major and career and how to begin the career planning process.”

“I have some ideas about my major and career but I need to learn more about the tools and resources.”

“I am ready to make informed decisions about my education and career.”
FOCUS 2 Decision Making Model

**Ready**
- **Career Planning Readiness:** Orientation to FOCUS 2 & the Career Planning Process

**Assess**
- **Assessment** of Interests, Personality, Skills, Values, Needs

**Explore**
- **Explore Options:** Identify and explore Majors & Occupations matching personal attributes

**Decide**
- **Decision Making:** Select Major & explore Career Paths
- **Action Plan:** Map out steps to achieve goals
Getting Started

Create your FOCUS 2 Account

[Images of login and create account pages]
The following slides will introduce you to the FOCUS 2 Dash Board and the functions of each section.
Student Dashboard

Welcome!

My Career Planning Roadmap

Self Assessment
Discover majors and occupations that match your personal attributes.

Explore the Possibilities
Use State "What To Study" for majors, career, and education assistance.

Take Action
Create a map of your academic and career development activities.

Diane McCruden's Career and Education Planning Results
A summary of your assessment results and test preferences.

Recommended Tools & Websites

www.focus2career.com
Measure your involvement in activities that are part of the career planning process and evaluate your readiness to make informed career decisions.
What are your Academic Strengths?

Recognizing your academic strengths will bring you one step closer to pursuing a satisfying area of study and career path.
Your assessment results will identify occupations and majors at your college matching your personal attributes. Be sure to save your favorites!
Examples of Questions you will Answer in the Assessments

Work Interest Assessment

To what degree would you enjoy...

- Designing graphic art images and illustrations for advertising media?
- Researching how fatigue affects airplane pilots' reaction time and judgment?
- Leading and motivating a sales team's marketing activities?
- Working in a national park to preserve its forests, wildlife, and natural features?
- Analyzing and evaluating a company's financial statements?
- Designing theatre stage sets, lighting, and special effects for plays or TV shows?

Personality Assessment

For each question, choose the response you most agree with most.

What type of organization would you like to work for?
One where:
- Members work together as a cooperative team.
- Each member can act independently of other members.

Do you prefer to work on projects that have:
- Broad objectives and flexible work methods.
- Specific objectives and precise work methods.

When it comes to making decisions, do you tend to?
- Make decisions quickly and easily.
- Defer decisions until you feel you have enough information.

Leisure Interest Assessment

In your spare time, would you enjoy...

- Participating in athletic activities e.g., soccer, baseball, tennis, etc.
- Organizing business or financial records for an organization?
- Promoting a good cause for a community or an organization?
- Doing voluntary mentoring, teaching or tutoring those needing help?
- Using the Internet to compare prices and quality of products?
- Visiting science fairs, museums, aquariums, or other exhibits?
Sample Reports

Your Results

The first three work interest areas shown on the graph and described below are most important to you.

Investigative: "The Thinkers"
- People in the investigative category often have a strong desire to understand cause and effect, and solve puzzles and problems. They like to work with numbers, investigations. Investigative types typically prefer to work independently, and with minimum supervision. People in this category generally are curious about how things work and are interested in understanding complex systems.

Realistic: "The Doers"
- People in the realistic category often prefer to work with objects and things. They are likely to enjoy creating things with their hands and working outdoors.

Artistic: "The Creators"
- People in the artistic category often enjoy the creative arts. They may have a talent for music, painting, or writing. They are likely to enjoy exploring new ideas and expressing themselves through art or music.

Personality Assessment

Your Personality Type

- Your approach to solving problems is to explore new ways of doing things rather than looking at the current methods of handling the problems.
- You welcome opportunities to be creative.
- You focus your attention on ideas, knowledge, and complex problems and enjoy thinking about intellectual issues and problems.
- You are flexible and you find it easy to adapt to changing situations.
- You organize ideas and knowledge and use logic and an analytic approach when solving a problem.

Choosing Your Career

People with your personality type are attracted to occupations that offer the opportunity to explore new ideas in challenging areas. Examples of such occupations are found in fields such as physical and life sciences, engineering, mathematics, information systems, technology, and occupations which involve research such as psychology and education.
<table>
<thead>
<tr>
<th>Occupation</th>
<th>Supporting Majors/Programs at Saint Edward's University</th>
<th>National Median Salary</th>
<th>Job Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeronautical &amp; Aerospace Engineer</td>
<td>Mathematics</td>
<td>$96,270.00</td>
<td>Architecture &amp; Engineering</td>
</tr>
<tr>
<td>Agronomist</td>
<td>Biology/Biological Sciences</td>
<td>$65,180.00</td>
<td>Life, Physical, &amp; Social Science</td>
</tr>
<tr>
<td></td>
<td>Biochemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Archaeologist</td>
<td>Latin American Studies</td>
<td>$57,230.00</td>
<td>Life, Physical, &amp; Social Science</td>
</tr>
<tr>
<td></td>
<td>Anthropology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Horticulturist</td>
<td>Biology/Biological Sciences</td>
<td>$65,180.00</td>
<td>Management</td>
</tr>
<tr>
<td></td>
<td>Biochemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paleontologist</td>
<td>Anthropology</td>
<td>$57,230.00</td>
<td>Life, Physical, &amp; Social Science</td>
</tr>
<tr>
<td>Physicist</td>
<td>Mathematics</td>
<td>$111,250.00</td>
<td>Life, Physical, &amp; Social Science</td>
</tr>
</tbody>
</table>
Filter Your Assessment Results

Vary the degree level to play the “What if?” game.

How does degree level impact the opportunities available in a career field? Sort by various options.

SELECT EDUCATION LEVEL FOR OCCUPATIONS:

- [ ] Associate Or 2 Year Degree
- [x] Bachelor Degree
- [ ] Advanced Degree

SORT BY:

- Bright Outlook

Cancel  Update
Exploring Occupations

Aeronautical & Aerospace Engineer

**Occupation Overview**

Aeronautical engineers design and test aircraft, vehicles & military space weapons & missiles for commercial airplane manufacturers, military & aerospace research laboratories. They explore new designs to enhance performance and cost. A bachelor's degree from an accredited engineering program is the typical requirement for entry positions. Some employers require a master's degree. A requirement for registration for engineering positions affect life, health or property of the public. Registration generally requires a bachelor's degree, four years of work experience and passing a state examination.

**Skills**

- Designing
  - Analyzing requirements for new or existing products
- Mathematics
  - Using mathematics and/or statistics
- Quality Control
  - Inspecting and testing products or services
- Science
  - Using scientific methods to investigate

**Work Interest Profile**

The graph below displays the typical work interest profile. Their profile is displayed as a pattern similar to this, which may be a good fit for you.

**Job Tasks**

- Confer with test pilots, customer executives & research engineers to identify specific requirements and performance characteristics for new aircraft, space vehicles and military missiles
- Design aircraft structural components such as fuselage, wings, rib assemblies, landing gear, etc.
- Make decisions of pilot control systems needed.

- Decide and plan the engine propulsion design based upon the aircraft power requirements. They decide on construction materials in order to withstand stress.
- Request prototype versions of new designs for testing in laboratories prior to flight. Use computers to simulate the effects of flight on new designs.

**Values**

- Creativity: Create new ideas, programs, person.
- Income: Having a level of income that becomes financially independent.
- Independence: Being able to decide on how someone else works.
- Physical Things: Having the ability to work with physical things.
- Tangible Results: Doing something where you can see the results.

**Education Requirements**

- People can enter this occupation following the most common degrees:
  - Bachelor Degree
  - Masters Degree

- Majors/Areas of Study at Saint Edwards University:
  - Mathematics

- Other Common Majors/Areas of Study at Saint Edwards University:
  - Aeronautical/Aerospace Engineering

**Work Conditions**

- Accuracy: Accuracy or exactly right.
- Authority to Make Decisions: A worker in this job has the authority to make decisions.
- E-Mail: A fair amount of e-mail is used.
- Face to Face Communication: This job requires having face to face communication.
- Scheduling: A significant amount of time is spent scheduling.
- Tasks Performed: The tasks to be performed are structured.

**Outlook**

- Employment in this field is projected to decline by 2% or more from 2014 to 2024 due to increased automation.
- The average growth rate for all occupations over the same time period is projected to be 11%

**Earnings**

- People established in their career generally earn between $74,600 and $116,140.
- Exceptional performers can earn in excess of $137,730.
- These figures are based on data collected from the US Department of Labor.

**Advancement**

- At large companies, new graduates usually work under the supervision of experienced engineers. As they gain experience, they are given more difficult projects and may develop their designs. They may move from product manufacturing to project production engineer positions. As a project engineer, they usually supervise other engineers and other team members.
- Those with technical skills may move up to supervise a team of engineers and technicians. Engineers may move into management quickly by getting a master's degree in aeronautical engineering or business administration.

**Professional Association**

- Aerospace Industries Association: 1230 Eye St., NW, Washington, DC 20005
  - Website: http://www.iaa.aero

- American Institute of Aeronautics and Astronautics, Inc.: Suite 500, 1801 Alexander Blvd.
  - Website: http://www.aiaa.org

Click to return to the occupations list.
### Occupations Matching Your Results

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<td>Mathematics</td>
<td>$96,270.00</td>
<td>Architecture &amp; Engineering</td>
</tr>
<tr>
<td>AGRONOMIST</td>
<td>Biology/Biological Sciences</td>
<td>$65,180.00</td>
<td>Life, Physical, &amp; Social Science</td>
</tr>
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<tr>
<td></td>
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</tr>
</tbody>
</table>

### Mathematics

A general program that focuses on the analysis of quantities, magnitudes, forms, and their relationships, using symbolic logic and language. Includes instruction in algebra, calculus, functional analysis, geometry, number theory, logic, topology and other mathematical specializations.

Examine the supporting majors offered at this college.
Combine Your Self Assessment Results to Narrow down occupations

Combine Assessments
3/5 Completed

Combine Your Assessment Results to Create a List of Best Fit Occupations
Select the Assessments You Would Like to Combine

Filter Results

1 Occupation appears in 4 of the Assessments you have Completed.

<table>
<thead>
<tr>
<th>OCCUPATION</th>
<th>SUPPORTING MAJOR(S) AT SAINT EDWARD'S UNIVERSITY</th>
<th>SALARY</th>
<th>WORK</th>
<th>VALUES</th>
<th>PERSONALITY</th>
<th>SKILLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeronautical &amp; Aerospace Engineer</td>
<td>Mathematics</td>
<td>$96,278.00</td>
<td>-</td>
<td>V</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

1 Additional Occupation appears in 4 of the Assessments you have Completed.

22 Occupations appear in 3 of the Assessments you have Completed.

<table>
<thead>
<tr>
<th>OCCUPATION</th>
<th>Supporting Major(s) at Saint Edward's University</th>
<th>Salary</th>
<th>Work</th>
<th>Values</th>
<th>Personality</th>
<th>Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Engineer</td>
<td>Biochemistry</td>
<td>$74,640.00</td>
<td>-</td>
<td>V</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Aquarium Curator</td>
<td>Biology/Biological Sciences</td>
<td>$52,330.00</td>
<td>-</td>
<td>V</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Additional Major & Occupation Exploration

Use all of the tools in FOCUS 2 as an ongoing resource.

**Explore the Possibilities**
Use these tools for ongoing career and education exploration

- What can I do with a major in ... at Saint Edward's University?
- Explore any Area of Study
- Explore any Occupation
- Explore Occupations by Job Family
- Compare 2 Occupations Side by Side
Use “What Can I Do with a Major In...offered at your college?”

<table>
<thead>
<tr>
<th>PROGRAMS OF STUDY</th>
<th>SAVED</th>
<th>SUGGESTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>African-American/Black Studies</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Agriculture</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Agronomy and Crop Science</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ancient/Classical Greek Language and Literature</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Animal Sciences</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Anthropology</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Applied Economics</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Art History, Criticism and Conservation</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Art Teacher Education</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

FOCUS 2 identifies majors that match your interests
Choosing your major?
Use “What Can I Do with a Major In...?”

**Agronomy and Crop Science**
A program that focuses on the chemical, physical, and biological relationships of crops and the soils nurturing them. Includes instruction in the growth and behavior of agricultural crops, the development of new plant varieties, and the scientific management of soils and nutrients for maximum plant nutrition, health, and productivity.

<table>
<thead>
<tr>
<th>OCCUPATION</th>
<th>NATIONAL MEDIAN SALARY</th>
<th>GREEN JOB</th>
<th>BRIGHT OUTLOOK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Sciences Professor</td>
<td>$80,790.00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Agronomist</td>
<td>$65,180.00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Botanist</td>
<td>$65,180.00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Crop Workers Supervisor</td>
<td>$43,720.00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Farm Management Advisor</td>
<td>$46,370.00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Farmers and Ranchers</td>
<td>$42,710.00</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Are the occupations associated with a major appealing to you?
Action Planning: Prepare a road map of your academic and career development activities
Your FOCUS 2 Results

Diane Smith1's Career and Education Planning Results
A summary of your assessment results and saved preferences

My Saved Occupations  My Saved Majors  Review and Print My Portfolio

FOCUS 2 saves all your results, comments, & preferences in Your Portfolio
Make Some Decisions About Your Favorite Occupations and Majors

This list displays the occupations you have saved.

<table>
<thead>
<tr>
<th>OCCUPATION</th>
<th>YOUR RATING</th>
<th>MAJORS AT THIS COLLEGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeronautical &amp; Aerospace Engineer</td>
<td></td>
<td>Mathematics</td>
</tr>
</tbody>
</table>

Comments: This seems like a good fit for me
Factors that appeal to you: Outlook, Interest Profile, Areas of Study

<table>
<thead>
<tr>
<th>OCCUPATION</th>
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<th>MAJORS AT THIS COLLEGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agronomist</td>
<td></td>
<td>Biochemistry, Biology/Biological Sciences</td>
</tr>
</tbody>
</table>

Comments: Very cool field
Factors that appeal to you: Job Duties, Outlook, Earnings, Interest Profile

<table>
<thead>
<tr>
<th>OCCUPATION</th>
<th>YOUR RATING</th>
<th>MAJORS AT THIS COLLEGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Engineer</td>
<td></td>
<td>Biology/Biological Sciences</td>
</tr>
</tbody>
</table>

Factors that appeal to you: Outlook, Earnings, Interest Profile

<table>
<thead>
<tr>
<th>OCCUPATION</th>
<th>YOUR RATING</th>
<th>MAJORS AT THIS COLLEGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airport Engineer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This list displays the areas of study you have saved. Please select your top choice.

<table>
<thead>
<tr>
<th>MAJOR</th>
<th>YOUR RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology/Biological Sciences (Top Choice)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAJOR</th>
<th>YOUR RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kinesiology and Exercise Science</td>
<td></td>
</tr>
</tbody>
</table>

Chemistry

<table>
<thead>
<tr>
<th>MAJOR</th>
<th>YOUR RATING</th>
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</table>
Build Your FOCUS 2 Portfolio

Diane Smith1's Career and Education Planning Results
A summary of your assessment results and saved preferences

- My Saved Occupations
- My Saved Majors
- Review and Print My Portfolio

An organized summary of your FOCUS 2 results

From this page you can create a customized printable report. Items that are grayed out have not been completed and therefore cannot be included. Please select the items you would like to include and click the Build My Portfolio button.

- My Career Planning Readiness
- My Personality Assessment
- My Saved Occupations
- My Academic Strengths
- My Skills Assessment
- My Saved Majors
- My Work Interest Assessment
- My Values Assessment
- My Action Plan
Recommended Tools and Websites

- Upcoming Events at Saint Edward’s University
- Job Boards and Internship Opportunities
- Links to Resources

See upcoming events at your college.

Explore job postings nationally, by state, green jobs, etc.

Visit suggested websites.
FAQ

How and when can you use FOCUS 2?
Anywhere, Any device: Phones, tablets, computers. Contact your college’s FOCUS 2 administrator for the Access Code to register.

Where should you start on the dash board and can you use FOCUS 2 more than once?
Start with any feature you wish to use. Repeat any assessment. Use FOCUS 2 as often as you wish.
Will FOCUS 2 save your Self-Assessment results and are your results confidential?
Yes, FOCUS 2 will save all your results under your confidential user name and password. Only you and your career counselor/advisor have access to your results.

Can you change your account details such as your password, email address etc.?  
Yes, log in and go to the FOCUS 2 dash board. Click on “My Account”
Remember, career planning involves thinking about which educational and occupational paths will provide you with satisfaction and fulfillment in all aspects of your life, not only in the present, but in the future.