



Engineering Transfer Plan – FAU – Associate of Arts – 1010 Civil, Computer, Electrical and Mechanical

CAREER PATHWAY: [SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH \(STEM\)](#)

Career Pathway: [Science, Technology, Engineering, and Math \(STEM\)](#)

Location(s): [Courses for this program are offered at all BC locations.](#)

Program Entrance Requirements: HS Diploma or GED

Program Description: The Associate of Arts (A.A.) degree is designed for the student who plans to transfer to a Florida public university as a junior to complete a Bachelor's degree. A student who earns an A.A. degree from Broward College meets the lower division general education requirements of a Florida state university, but does not automatically meet the requirements for a particular major.

BUILD YOUR EDUCATION



RECOMMENDED FULL TIME COURSE SEQUENCE

Full Time	Course ID	Description	Credits
Term 1	ENC1101	Composition I	3
	GE Course	General Education Humanities (Core)	3
	MAC1105	College Algebra	3
	SPC1017 OR	Intro to Speech Communication OR	3
	SPC1608	Intro to Public Speaking	
Term 2	MAC1140	Pre-Calculus Algebra	3
	MAC1114	Trigonometry	3
	ENC1102	Composition II	3
	CHM1045	General Chemistry I	3
	CHM1045L	General Chemistry I Lab	1
Term 3	MAC2311	Calculus & Analytical Geometry I	5
	GE Course	General Education Behavioral Science	3
Term 4	MAC2312	Calculus & Analytical Geometry II	5
	PHY2048	General Physics with Calculus I	3
	PHY2048L	General Physics with Calculus I Lab	1
	COP1000C	Introduction to Programming	3
Term 5	COP1334C	Introduction to C++	3
	PHY2049	General Physics with Calculus II	3
	PHY2049L	General Physics with Calculus II Lab	1
	GE Course	General Education Humanities	3
Term 6	HLP1081	Total Wellness	2
	GE Course ¹	General Education Social Science	3
Total Program Credit Hours			60
Additional Courses	MAC2313	Calculus & Analytical Geometry III	5
	MAP2302	Differential Equations	3
	EGS1001	Introduction to Engineering (FAU)	3

**Please see notes on next page

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SUGGESTED PART TIME COURSE SEQUENCE

Part Time	Course ID	Description	Credits
Term 1	ENC1101	Composition I	3
	GE Course	General Education Humanities (Core)	3
	GE Course	General Education Behavioral Science	3
Term 2	MAC1105	College Algebra	3
	SPC1017 OR	Intro to Speech Communication OR	3
	SPC1608	Intro to Public Speaking	
Term 3	MAC1140	Pre-Calculus Algebra	3
	MAC1114	Trigonometry	3
Term 4	ENC1102	Composition II	3
	CHM1045	General Chemistry I	3
	CHM1045L	General Chemistry I Lab	1
Term 5	MAC2311	Calculus & Analytical Geometry I	5
Term 6	MAC2312	Calculus & Analytical Geometry II	5
	PHY2048	General Physics with Calculus I	3
	PHY2048L	General Physics with Calculus I Lab	1
Term 7	HLP1081	Total Wellness	2
	COP1000C	Introduction to Programming	3
Term 8	GE Course	General Education Humanities	3
	PHY2049	General Physics with Calculus II	3
	PHY2049L	General Physics with Calculus II Lab	1
Term 9	GE Course ¹	General Education Social Science	3
	COP1334C	Introduction to C++	3
Total Program Credit Hours			60
Additional Courses	MAC2313	Calculus & Analytical Geometry III	5
	MAP2302	Differential Equations	3
	EGS1001	Introduction to Engineering (FAU)	3

Notes:

- Students must successfully meet the foreign language requirement as prescribed in the college's policies and procedures 6Hx2-4.22.
- The Digital Literacy requirement must be met by successfully passing CGS1060C, testing out, or completing a Credit for Prior Learning portfolio.
- Students must take ENC1101, ENC1102, and two additional writing credit courses (6 credits) to graduate.
- Students must take 3 credits of International/Intercultural coursework to graduate.

This is only a recommended course sequence. Classes are subject to change based on the transfer University. Students are strongly encouraged to meet with an [advisor](#) to create a personalized educational plan and check the University website to ensure you are enrolled in the correct classes.

CHOOSE YOUR COURSES

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