Associate Transfer Degree Plan in Mechanical Engineering Technology, Specialization in Mechatronics (956-02)

COURSE REQUIREMENTS

Complete at VPCC			Credits	Complete at ECPI		Credits
Bachelor's Degree Requirement		SATISFIED BY		**Bachelor's Degree Requirement**		
ENG110	ENG111	College Composition I	3	ENG120	Advanced Composition	3
MTH131	MTH161	Precalculus I	3	COM115	Principles of Communication	3
MTH200	MTH162	Precalculus II	3	MTH220	Applied Calculus I	3
PHY120	PHY201	General College Physics I	3	MTH320	Applied Calculus II	3
PHY120L	PHY201	General College Physics I	1	CAP480	Arts and Sciences Capstone	3
SOCSCICORE	xx3	Social Science	3	CST120	Computer Configuration I	3
ECO201	ECO201	Principles of Macroeconomics	3	COR191	Career Orientation	1
HUMCORE2	xx3	Humanities	3	SDC100	Introduction to Programming	3
FOR110	SDV100/SDV101	College Success Skills or Orientation	3	CST160	Introduction to Networking	3
ET102	MEC100	Introduction to Engineering Technology	3	EET110	Electric Circuits I	3
EET207	ETR177	Industrial Robotics and Robotics Programming	3	ESET111	Electric Circuits II	3
EET220	IND243	Principles and Applications of Mechatronics	3	ESET111L	Electric Circuits Lab	1
EET231	ELE233	Programmable Logic Controller Systems I	3	EET120	Semiconductor Devices	3
EET231L	ETR150	Machine Control Using Relay & Programmable Logic	1	EET121	Electronic Systems Applications	3
				EET130	Digital Systems I	3
EET191	MEC220	Introduction to Polymeric and Composite Materials	3	EET221L	Instrumentation and Measurement Lab	1
EET192	CAD241	Parametric Solid Modeling I	3	EET230	Digital Systems II	3
EET192L	CAD241	Parametric Solid Modeling I	1	EET230L	Digital Systems Lab	1
MET211	MEC131	Mechanics I	3	EET310	Circuit Analysis	3
ENGRELE	MEC210	Machine Design	3	EET331	Programmable Controllers and Robotics	3
ENGRELE	MEC155	Mechanisms	3	EET331L	Programmable Controllers and Robotics Lab	1
MET221	MEC113	Materials and Processes of Industry	3	EET390 OR EET430	Motor Drives OR Microcontrollers	3
				EET390L OR EET430L	Motor Drives Lab OR Microcontrollers Lab	1
				EET411	Senior Project	3
				EET411L	Senior Project Lab	1
				MET230	Hydraulics & Pneumatics Systems	3
				MET410	Dynamics	3
CREDITS PRE-TRANSFER			**57**	**CREDITS POST-TRANSFER**		**67**

Transfer Pathway Guidance

The Bachelor of Science in Electronic Systems Engineering Technology, Mechatronics concentration requires completion of 124 credits. This Transfer Guide shows how courses from the AAS in Mechanical Engineering Technology, Specialization in Mechatronics at Virginia Peninsula Community College may apply to ECPI courses based on the current catalogs of both schools. This information is provided as a guide and is for planning purposes only. ECPI University must receive an official transcript directly from Virginia Peninsula Community College before credit is awarded. Courses completed within the past ten years with a grade of 'C' or higher may be eligible for transfer. General education or arts and sciences courses may be accepted without a time limit. Credit is not awarded for developmental or remedial coursework. Each student will receive an official course-by-course evaluation based on their completed coursework and selected ECPI degree program.

Guaranteed Admission Agreement

ECPI University Guarantees Acceptance to Virginia Community College Graduates

Eligibility Requirements:

One of the following -

1. Enrollment in an eligible program of study at VPCC that aligns with ECPI transfer pathways.

2. Completion of an associate degree included in the VPCC Bridge to ECPI University Program.

3. Complete a minimum of 15 transferrable credits earned at VPCC.

Both of the following -

3. Maintain a cumulative GPA requirement of 2.5 on a four-point scale.

4. Submission of a *Letter of Intent* prior to applying to ECPI.

Students should discuss with their Admissions Advisor and submit the Letter of Intent as soon as possible, to take full advantage of the benefits of this partnership.

Accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, bachelor's, and master's degrees. For additional program-specific accreditations, visit: https://www.ecpi.edu/accreditation

We're Here to Help You Start Your Application: 844-334-4466

https://www.ecpi.edu/how-to-apply

Learn the reasons why ECPI University could be the best decision you'll ever make!

Accelerated Degree Programs
At ECPI University, we offer accelerated programs that can fast track you to graduation.

Flexible Class Schedules
Whether you choose day, evening, online, or weekend classes, you will find the flexibility you need.

Two Classes at a Time
You'll focus yourself on two classes per every five week term and earn credits before moving on to the next.

Interactive Learning
An immersive, interactive learning environment is an important part of the culture of ECPI University.

Business Partnerships & Education Benefits
ECPI University's curriculum is focused around employer & industry needs.

Student Success Services & Support
We are here to assist you & make sure you succeed from the admissions process to graduation, and beyond!

Career Services

From day one and beyond graduation, Career Services is designed to support students and alumni with career preparation, job search assistance, and interview readiness.

Success & Orientation Courses: Learn about resumes, cover letters, and interview skills.
Career Services Events: Attend workshops, info sessions, and career fairs.
Externship/Internship Assistance: Get help securing externships/internships (if required).
Job Leads: Access job opportunities through Handshake and other channels.
Federal Work-Study: Earn part-time income while attending school (if eligible).
Employer Partnerships: Benefit from industry connections for job placement.

Financial Assistance Information

ECPI offers a range of financial aid options and is committed to helping students find the best way to fund their education. **Financial Assistance Advisors are available to guide students as they pursue this investment in their future.** For additional information:
https://www.ecpi.edu/financial-assistance* / *FinancialAid@ecpi.edu

VPCC Bridge to ECPI University Program students with an approved Letter of Intent on file are eligible to have their Application and Registration Fees waived and may be eligible for additional benefits. Each students should discuss their options with their FA Advisor.

Student Support Services

ECPI University provides personalized support from enrollment to graduation to help students succeed academically and personally.

Services include time management, study skills, wellness resources, campus connections, and access to ECPI's Math and Writing Assistance Centers. Students can also receive free tutoring and administrative support with course scheduling to stay focused on academic success. WellConnect provides free, confidential support for students and their households to manage stress, build skills, and maintain a healthy balance. This well-rounded approach helps students thrive in and out of the classroom.
https://catalog.ecpi.edu/student-services

Credit for Prior Learning

ECPI University offers accelerated programs, flexible schedules, and industry-focused courses to help busy adults earn degrees faster. Students may transfer up to 75% of Bachelor's degree credits from various learning experiences, including:

Military Training & Experience	ACE Learning Credit
AP, CLEP & DSST Exams	Professional Certifications, Credentials and Training
International Baccalaureate Program	ECPI Prior Learning Portfolio Assessment
Cambridge Exams	ECPI Challenge Exams